

FALL 2011

Students are responsible for reading the Nassau Community College catalog and for knowing the rules and regulations of the College. Failure to read the catalog does not excuse the student from the academic and financial responsibilities and liabilities described herein.

Nassau Community College is a member of the State University of New York and is accredited by the Middle States Association of Colleges and Schools. Nassau Community is a comprehensive full opportunity College, open to all qualified applicants. Nassau Community College does not discriminate on the basis of race, religion, sex, sexual orientation, color, national origin, age, disability, marital status, physically challenged status or status as a disabled or Vietnam-era veteran in admissions, employment and treatment of students and employees.

Any questions concerning this policy or allegations regarding compliance should be directed to:

Associate Vice President for Equity Inclusion, Affirmative Action ADA/504 Officer

Nassau Community College

One Education Drive, Garden City, NY 11530-6793

This catalog is current as of March 1, 2011. Nassau Community College reserves the right to make changes in programs, policies and regulations, as conditions change and such revisions are needed, subsequent to publication.

Any questions concerning changes should be directed to:

Associate Vice President for Marketing and Communications

Nassau Community College

One Education Drive, Garden City, NY 11530-6793

ABOUT NCC

One of every five college-bound high school graduates in Nassau County makes Nassau Community College his/her college of first choice. For most, NCC is the start of an experience that will lead to four or more years of advanced learning. For others, earning the two-year Associate Degree will lead to employment in the regional job market.

Sharing the classrooms are a growing number of more mature students. Some are attending college for the first time, others returning for specialized training that often leads to career change or advancement. More than a quarter of today's student population is over the age of 27. The College serves these "non-traditional" students with special adult orientation and advice from enrolled adult students.

NCC: PAST, PRESENT AND FUTURE

Nassau Community College was created as part of the State University of New York by the Nassau County Board of Supervisors on February 9, 1959. When the College opened in a wing of the County Court House in Mineola on February 1, 1960, it had only 632 students.

Enrollment increased dramatically after 1962, when classes were moved to spacious facilities at the former U.S. Air Force base at Mitchel Field. It reached over 23,000 students in 1982, following the completion in 1978 of two new academic wings, a modern library, physical education complex, and administrative tower. Despite fewer high school graduates today, 23,633 students are enrolled in the Fall of 2010.

In response to the growing student population, in January 1997, a new Social Sciences and Visual Arts Building opened, and in September of the same year the new 85,000-square-foot College Center became operational.

In 2009, the College leased the North Annex, a totally renovated twelve-classroom building located at 500 Endo Blvd., a half-block north of our campus. This new building houses the LINCC program and a pre-academic intensive English as a Second Language program, as well as credit-bearing courses offered by various academic departments. Lifelong Learning offers the Drinking Driver Program in the North Annex as well.

As the needs of a maturing Nassau County change, the College, too, is evolving and developing. Among recent innovations is a mentoring program that is committed to increasing the College's retention rate. This program includes training workshops and individually tailored courses that can be conducted on campus or at work sites.

To help students expand their opportunities for easy transfer, the College engages in a cooperative effort with its SUNY/Long Island neighbors and the private colleges and universities that comprise the Long Island Regional Advisory Council on Higher Education.

ACADEMICS

Nassau Community College, the largest single campus community college of SUNY's 30 community colleges, enjoys a nationwide reputation for academic excellence and ease of transferability to four-year schools. Nassau's faculty is one of the best in New York State, having a higher than average number of Phds and EDs and one of the lowest teacher/student ratios. The modern campus includes a library with sophisticated audio-visual facilities, as well as classroom/laboratory wings equipped with personal computers and state-of-the-art apparatus for instruction in over 70 different fields of study in business, fine and performing arts, health-related sciences, liberal arts and sciences, mathematics/computer processing, natural sciences, engineering technologies and social sciences. Weekend, evening and Distance Education courses are available as well.

CAMPUS LIFE

At Nassau, the hours spent outside the classroom are as important as those spent in study. Students may join a club or create one, run a newspaper or run for office, book a band or play in it, deejay or dance, act or interact, work or play. The extensive campus life at Nassau Community College offers students the opportunity to sample their career choices or explore recreational areas of interest. Nassau campus life offers over 100 clubs to join and numerous recreational and social events to attend. Spring, summer, winter or fall, Nassau Community College offers students an outstanding array of activities for relaxation and personal growth.

ATHLETICS

Expert coaching in the finest indoor and outdoor athletic facilities has made the men's and women's varsity teams at Nassau a dominant force in the National Junior College Athletic Association. Individual athletes have gone on to prominence at senior colleges and universities, as well as in professional sports and as coaches and physical education teachers.

ACCREDITATION

The College is fully accredited by the Middle States Association of Colleges and Schools and is authorized by the N.Y. State Board of Regents to award two-year Associate Degrees in Arts (A.A.), Science (A.S.), and Applied Science (A.A.S.).

In addition, various academic programs are accredited by the National League for Nursing; the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC-ABET); the National Association of Schools of Music; the American Bar Association; the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association; the Committee on Allied Health Education and Accreditation of the American Medical Association; and the American Board of Funeral Service Education.

STUDENT LIFE

EXPECT A GREAT COMMUNITY: After all, community is our middle name. The NCC campus practically spills over with activities and events. And we understand that you're busy. It's why we work hard to bring fascinating people to the campus, free or low-cost events, and programs that you'll find worthwhile. Because although we can't add extra hours to your daily life, we can add life to your hours.

CONTINUING EDUCATION

Ever notice how the most energetic and happy people tend to be the ones who also love to keep learning new things? We have. In fact, we see at least 15,000 of them every year in Nassau Community College's Continuing Education classes. They take advantage of our more than 300 Lifelong Learning courses to sharpen their skills, gain professional competencies or just indulge in a hobby they've always wanted to try.

PROGRAMS TO ADVANCE YOU

So, here's a question: Where do you want to go? Whether your ultimate goal is a new career, a promotion, transfer to a four-year college, or getting more enjoyment out of life, the way to get there is Nassau Community College. NCC offers three different degrees, plus special certificate programs. Course schedules are flexible enough to work around your busy life.

Begin with excellent programs in more than 70 fields of study. You'll learn from faculty who are all about making connections — in their fields and in their classrooms. You'll get experience in first-class facilities using the cutting-edge equipment and technology that you can expect to find in your career. And you'll have opportunities for internships, practica, and study abroad, all at a remarkable value. Talk about advanced!

AFTER NASSAU

Nassau Community College students exceed the national average of transfer to four-year colleges and universities. Our students arrive at their four-year institutions as juniors, fully prepared for the next leg of their educational journey. Plus, they've saved a bundle on tuition while at NCC. Get the straight story on how easy NCC can make your transferability.

AWARD-WINNING SCHOLARS. DEDICATED MENTORS.

Our full-time faculty rank at the top. They're first among the community colleges in New York State for the number of faculty members who receive the SUNY Chancellor's Award for Excellence in Teaching. They hold doctorates at twice the national average for community colleges. And they're in your classrooms every day, every night and every weekend. Talk about dedication!

Mission

Nassau Community College, a constituent member of the State University of New York system, is a comprehensive, full-opportunity institution of higher education. All who can benefit from its resources have the opportunity to expand their knowledge and skills and to pursue the goal of lifelong learning. The College is dedicated to high quality, low-cost education and career preparation to meet the needs and interests of the community it serves. It is committed to academic excellence and the dignity and worth of the individual. To this end, Nassau Community College offers Associate in Arts, Associate in Science, and Associate in Applied Science degrees, as well as Certificate and continuing education programs. Its curricula span the liberal arts and sciences, as well as pre-professional and professional areas, for the benefit of a diverse population. The College places a high priority on small classes, taught by qualified, experienced faculty, to provide an optimal educational environment.

In fulfillment of this Mission, Nassau Community College affirms these goals:

- To maintain an open admissions policy that ensures the availability of educational programs for traditional and non-traditional students;
- To create educational programs that respond to and satisfy diverse community needs;
- To provide general education that teaches students to think critically and analytically about a body of knowledge conducive to lifelong learning;
- To maintain developmental programs which upgrade student skills for success in college level courses, and to provide special courses of study which enhance general education;
- To provide the support services necessary for students to realize their maximum potential;
- To create a wide variety of activities and cultural programs to enrich student and community life;
- To create a multicultural environment which fosters the synthesis of knowledge, aesthetic appreciation, and commitment to ethical and social values;
- To encourage faculty development with programs that promote scholarship and creativity, and to encourage the adoption of innovative teaching methods and technology to enhance student learning;
- To support and strengthen academic programs which best prepare students for transfer to senior institutions, and to provide career programs to prepare students for regional and global employment opportunities;
- To provide administrative leadership which assures educational quality, furnishes adequate student support services, maintains effective budgeting and facilities management, and stimulates thoughtful planning for the future of the College;
- To enhance the economic and cultural vitality of the County by promoting an educational environment which responds to the changing needs of the community.

GOVERNANCE AND AUTHORITY

It is the Academic Senate of Nassau Community College that shall provide the College community with a voice in general educational goals and policies as well as other matters of concern to the College community. The Academic Senate shall have responsibilities and powers in the following areas unless otherwise restricted by law and the provisions of the Collective Bargaining Agreement: a) To examine, approve and recommend curriculum for examination by the President and the Board of Trustees; b) To recommend requirements for admissions, degrees and graduation; c) To formulate and propose academic College policies including policies on class size, academic advisement, educational TV and academic calendar for the consideration of the President and the Board of Trustees; d) To provide a forum for the consideration of academic matters of interest to the College community; e) To formulate and propose policies in those aspects of student life which relate to the educational process.

The ultimate authority for College operation is vested in the Board of Trustees, five of whom are appointed by the Nassau County Executive and four by the governor of New York. A tenth member is elected annually by the student body.

President's Message

JOIN US! Community is more than our middle name — it embodies our approach to a well-rounded college experience and our commitment to serving you with rigorous academic programs, life-enriching events and activities, up-to-date professional development and continuing education, customized workforce training, exciting athletic contests and a wide range of opportunities for Nassau County and Long Island.

TAKE ADVANTAGE OF NCC

Here's just some of what you can do at Nassau:

- Choose from over 70 degree and certificate programs and courses on subjects ranging from business administration, criminal justice, engineering science, human services, surgical technology or nursing to communication arts, education, music, or theatre and dance.
- Prepare to transfer to a four-year university to continue your education.
- Find up-to-date training for in-demand occupations.
- Take courses in subjects that pique your interest.
- Access our extensive support services that help you succeed in your classes and your life.

- Benefit from interaction with our award-winning faculty members who come to the classroom with professional backgrounds and academic achievements as strong as any community college faculty in the nation and who take sincere interest in each and every student.

JOIN OUR MULTICULTURAL MIX

From our beautiful, park-like, central Long Island location in the heart of Nassau County to our study abroad programs in countries around the globe, Nassau is the community college of choice for nearly 24,000 full- and part-time students and almost 15,000 continuing and professional students.

EXPLORE OUR WEBSITE, EXPLORE OUR WORLD

Take our online campus tour. Review our academic programs, support services and student resources. Search the library catalog. Whether you're online or in person, your experience at Nassau Community College will be filled with growth, change, service and opportunity — the opportunity to explore the world, learn new things, meet new people, exchange ideas, debate issues and serve others.

Welcome to NCC!

Dr. Donald P. Astrab
President
 Nassau Community College

ACADEMIC CALENDARS 2010-2012

FALL SEMESTER, 2010			FALL SEMESTER, 2011		
Sept.	1	Day & Evening classes begin		1	Day & Evening classes begin
	3	Evening classes do not meet		2	Evening classes do not meet
	4-6	Classes do not meet		3-5	Classes do not meet
	8	Evening classes do not meet		9	Weekend classes begin
	9	Classes do not meet		28	Evening classes do not meet
	10	Day classes do not meet		29	Classes do not meet
	10	Weekend classes begin		30	Day classes do not meet
	17	Evening classes do not meet	Oct.	7	Evening classes do not meet
	18-19	Classes do not meet		8-9	Classes do not meet
Nov.	10	Day classes follow Thursday schedule	Nov.	8	Day classes follow Friday schedule
	11	Classes do not meet		11	Day classes do not meet
	23	Day & Evening classes follow Thursday schedule		21	Evening classes follow Wednesday schedule
	24	Day classes follow Friday schedule Evening classes do not meet		23	Day classes follow Friday schedule; Evening classes do not meet
	25-28	Classes do not meet		24-27	Classes do not meet
Dec.	19	Last meeting Weekend classes	Dec.	18	Last meeting Weekend classes
	20	Last meeting Evening classes		19	Last meeting Evening classes
	22	Last meeting Day classes		22	Last meeting Day classes

WINTERIM SESSION, 2010-2011			WINTERIM SESSION, 2011-2012		
Dec.	27	Day & Evening classes begin	Dec.	27	Day & Evening classes begin
	31	Classes do not meet	Jan.	2	Classes do not meet
				13	Last meeting Day & Evening Classes
SPRING SEMESTER, 2011			SPRING SEMESTER, 2012		
Jan.	18	Day & Evening classes begin	Jan.	23	Day & Evening classes begin
	21	Weekend classes begin		27	Weekend classes begin
Feb.	18	Evening classes do not meet	Feb.	17	Evening classes do not meet
	19-27	Presidents' Day Recess		18-26	Presidents' Day Recess
	21	College Holiday		20	College Holiday
Apr.	15	Evening classes do not meet	Apr.	2-8	Spring Recess
	16-24	Spring Recess; classes do not meet	May	13	Last meeting Weekend classes
May	11-12	Evening classes do not meet		14	Last meeting Evening classes
	13	Last meeting Evening classes		18	Last meeting Day classes
	15	Last meeting Weekend classes	SUMMER SESSIONS, 2012		
	16	Last meeting Day classes	May	29	Summer Session I-Day & Evening Classes begin
SUMMER SESSIONS, 2011			June	1	Classes follow Monday schedule
May	23	Summer Session I – Day & Evening classes begin		2	Saturday classes begin
	27-30	Classes do not meet		3	Sunday classes begin
	31	Summer Session I-L Day & Evening classes begin		4	Summer Session I-L-Day & Evening classes begin
June	3	Day & Evening follow Monday schedule		28	Summer Session I- Last meeting Day & Evening classes
	4	Saturday classes begin	July	4	No classes
	5	Sunday classes begin		6	Classes meet on Wednesday schedule Summer Session I-L Last meeting Day & Evening classes
July	5	Summer Session II- Day & Evening classes begin		9	Summer Session II-Day & Evening classes begin
	8	Day & Evening classes follow Monday schedule			

	11	Summer Session II- L Day & Evening classes begin		16	Summer Session II- L-Day & Evening classes begin
Aug.	4	Summer Session II- Last meeting Day & Evening classes	Aug.	4	Last meeting Saturday classes
	5	Summer Session II-L- Last meeting Day & Evening classes		5	Last meeting Sunday classes
	13-14	Last meeting Saturday and Sunday classes		9	Summer Session II- Last meeting Day & Evening classes
				10	Summer Session II-L- Last meeting Day & Evening classes

THE NCC CAMPUS

Location and Resources

The 225-acre campus is located in central Nassau County and is easily reached from the Meadowbrook Parkway (Exits M3 and M4) or from entrances on Stewart Avenue and Hempstead Turnpike.

Students attend classes in modern classroom wings and in picturesque older buildings once used by the U.S. Army and Air Force. Students have access to the latest available equipment for teaching health sciences, engineering technologies, marketing and business, computer technology, liberal and fine arts, mathematics and sciences, and the performing arts.

Central to the campus is a plaza which connects a 12-story Administrative Tower containing many campus offices, including Admissions, Registrar, Bursar, Financial Aid and others; an extensive Library (described under “Learning Resources”); and a 192,000 square-foot Physical Education Complex, which is one of the finest in the Northeast, and includes swimming and diving pools, a gymnasium, a fieldhouse, saunas, and specialized rooms for wrestling, dance, gymnastics and indoor ball games.

The Social Sciences and Visual Arts Building (Building G), which opened in January 1997, is where 9,000-10,000 students attend class. The departments of Art, Criminal Justice, Economics, History/Geography/Political Science, Psychology and Sociology hold their classes in this space. The Social Sciences and Visual Arts Building has 37 classrooms and two state-of-the-art lecture halls.

In September 1997, the new 85,000 square-foot College Center (CCB) opened. The Center accommodates student activities, student government, the Faculty-Student Association, various student clubs, and conference facilities. The central meeting area is a multi-purpose room designed to accommodate banquets, theatrical productions, film and video, dances, and large meetings. Several study lounges and two conference rooms are located on the second and third floor, along with a dark-room and computer area for the student newspaper. Still planned for future construction are a Theatre and Performing Arts complex, and improved public spaces and walkways.

Information Services Center

The Information Services Center, located on the plaza level of the Administrative Tower, is open five days a week to answer questions about the College and to direct visitors and students. The Information Center can be reached by phone at (516) 572-7501 (TTY: 572-9882), or fax: (516) 572-3557.

Smoking Prohibited

Nassau Community College has been designated a smoke-free facility by the Nassau County Commissioner of Health. The College asks that no one smoke in any campus building, a request made to protect the health of smokers and nonsmokers alike.

Bus Service

Public transportation to the College is available. Route and schedule information may be obtained seven days a week by calling the Bus Information Center at (516) 228-4000.

Public Safety Department

The Public Safety Department is located at the East end of the parking lot West 4B and is staffed 24-hours a day, 7 days a week. Public Safety provides foot and motor patrols of the campus around the clock and responds to emergency situations such as accidents, fires and medical emergencies, as well as reports of criminal activity. Information regarding campus crime statistics as reported to the United States Department of Education will be provided upon request by contacting Public Safety at (516) 572-7100, the Office of the Vice President for Academic/Student Services at (516) 572-7600, or accessing this information directly at <http://ope.ed.gov/security>. We are committed to the safety and security of all members of the campus community. In an effort to make ourselves more available to the needs of the campus, bicycle patrols have been added.

Other services offered by Public Safety are:

- Issuance of College identification cards
- Issuance of faculty/staff parking permits
- Lost and Found Service
- Investigation of complaints, criminal activity and safety issues

You can contact Public Safety at:

Emergency: (516) 572-7111

General Calls: (516) 572-7100

Or you can simply pick up any of the emergency telephones located throughout campus for assistance.

Academic Support Centers

Available to All Students

Academic Advisement Center

(516) 572-7118 - Bldg. U

Offers academic advisement for General Liberal Arts majors. Specific program majors go to department of major for advisement.

Student Personnel Services

SPS offers a variety of counseling services and programs designed to support student academic achievement and personal growth. Call, stop by, or view SPS Department Home Page on the College website (www.ncc.edu) for more information about these services.

Adult Resource Center

(516) 572-7103/07 - Tower, Plaza

Career Development

(516) 572-7696/97 - Bldg. M 14

Center for Students with Disabilities

(516) 572-7241/42

(TTY for hearing impaired) (516) 572-7617 - Bldg. U

Educational Counseling

(516) 572-7141 - Bldg. M 19

Job Placement

(516) 572-7132 - Bldg. M 39

Psychological Counseling

(516) 572-7698 - Bldg. M 9

Student Activities

(516) 572-7148 - CCB 150

Transfer Counseling

(516) 572-7127/28 - Bldg. M 4A

Women's Resource Center

(516) 572-7698 - Bldg. M 9

Organizations & Affiliations

Alumni Association of Nassau Community College, LTD:

The Alumni Association of Nassau Community College, Ltd., a not-for-profit corporation, was founded in 1985 to create and maintain, among the College's graduates, an abiding sense of personal commitment to the life and growth of Nassau Community College.

The Alumni Association is a self-sustaining organization whose officers, directors, and membership is composed of dues-paying graduates of Nassau Community College.

Membership is open to all degree and certificate recipients of Nassau Community College. Lifetime membership dues are \$50.00. Membership dues are primarily used to fund the Association's scholarship program.

The scholarship program provides funds for students attending the College. The Association strives to increase the number of scholarships each year. The present goal is to award a scholarship to a student from every high school in the County who plans to enroll at Nassau Community College.

Nassau Community College Foundation, Inc.:

The Nassau Community College Foundation is an eleemosynary corporation formed to promote the interests of the College. The Foundation is structured to meet the ever-increasing demands of the future by providing an independent avenue to receive philanthropic aid, which assists in

the continuing development of the College and its varied programs. The Foundation may accept, hold, invest, reinvest and administer any gifts, bequests, or trusts which benefit the College.

The Foundation disburses funds for the purposes of scholarship awards to students, faculty development programs and various activities which enrich the educational programs of the College. In some instances, the Nassau Community College Foundation functions as the fiduciary agent for the receipt of grants written by faculty and professional employees.

The primary focus of the Foundation's activities is the scholarship program. Direct support to students assists in the fulfillment of their educational goals. Through the auspices of the Foundation, scholarships are awarded to outstanding students in academic departments. Additionally, programs in faculty development, leadership and cultural activities are undertaken through the efforts of the Foundation Board.

The Foundation is governed by a Board of Directors composed of prominent members of the business and professional community, each of whom is dedicated to the goals of higher education and the success of Nassau's students.

The State University:

The State University of New York (SUNY) encompasses 64 geographically dispersed campuses (both two- and four-year) that bring educational opportunities to virtually all New York citizens. It comprises the nation's largest centrally managed system of higher education. Nassau Community College is the largest single campus of 30 two-year colleges operating under the system. When founded in 1948, the State University of New York system consolidated 29 State-operated, but unaffiliated, institutions whose varied histories of service dated as far back as 1816. SUNY has grown to a point where its impact is felt educationally, culturally, and economically the length and breadth of the state. As a comprehensive public university, SUNY provides a meaningful educational experience to the broadest spectrum of individuals.

Just under 428,000 students (full and part-time) are pursuing traditional study in classrooms or are working at home, at their own pace, through such innovative institutions as Empire State College - for over two decades, a leader in non-traditional education, distance learning and assessment of prior learning.

SUNY's students are predominantly New York State residents, who represent more than 95 percent of the University's undergraduate enrollment. Approximately one-third of all New York State high school graduates continue on to a SUNY institution. Nassau Community College has the highest number of minority students among SUNY's community colleges. Approximately one-third of the total enrollment is 25 years of age or older, reflecting SUNY's services to specific constituencies, such as training for business and industry, continuing education, and a wide array of community services to promote both personal enrichment and professional growth.

The State University is governed by a Board of Trustees, appointed by the Governor, which directly determines the policies to be followed by the 34 state-supported campuses. Community colleges have their own local boards of trustees whose relationship to the SUNY board is defined by law.

The University's motto is:

"TO LEARN... TO SEARCH... TO SERVE"

Audio Visual Services

The Audio-Visual Center is located in Building T-154 and is a unit of the Associate Vice-President for Academic Affairs. In addition to its responsibility for developing and maintaining digital projection facilities throughout the campus instructional spaces, the unit also maintains the College's closed-circuit television distribution system, provides media equipment set-ups for classroom presentations, seminars, and large group presentations, and records campus presentations for future viewing.

Learning Centers/Help Centers

Nassau Community College provides a variety of designated Learning or Help Centers to assist students in all curricula when extra or supplementary course work is needed or required.

The activities in these Learning/Help Centers include services for students in virtually all credit and non-credit programs. The following Learning and Help Centers are available: Academic Computer Services; Accounting; Allied Health Science (Physical Therapy, Radiologic Technology, Respiratory Therapy, Surgical Technology); Apparel Design; Art; Biology; Chemistry; Communications (ESL); Economics; Engineering/Physics/Technology; English (Writing Center); Foreign Language Learning Center; Hospitality Business; Interior Design Help Center; MATH/STAT (Computer Learning Center, Math Help Center); Music Learning Center; Nursing Laboratory and Resource Center; Reading Learning Center; Office Technology; Reinforcement Learning Center and, for Basic Education students, a reading, writing and mathematics learning center.

Information Commons

(516) 572-7620 – Library 1st Floor

Provides computers with Internet access and Microsoft Office applications (Word, Excel, Power Point, and Access) for all students to use.

Academic Computer Center - Social Sciences

(516) 572-9662 – Bldg. G 145

Provides computers with Internet access, Microsoft Office applications (Word, Excel, Power Point, and Access), and program-specific applications. Primarily, students taking social science courses use the center.

A. Holly Patterson Library

(516) 572-7400/7408

Houses over 198,533 books and audio-visual items, 500 periodical titles, 50 electronic database subscriptions, a networked library catalog, e-mail reference question response, and a web-based self-instructional tutorial. The reference room has 54 computers for students.

Writing Center

(516) 572-7195 – Bldg. Y (Bradley Hall)

(516) 572-3595 – Library L233

The English Department's Writing Center offers individualized and group instruction to all students at basic to advanced levels in expository and creative writing, research and documentation, as well as grammar and usage. Drop-in sessions, appointments, and online e-mail tutoring are available.

A. Holly Patterson Library

The College Library contains approximately 175,000 volumes and is the research resource center for the campus. It houses sophisticated audiovisual equipment and the latest in computer technology. In addition, the Library subscribes to approximately 500 periodicals in print format, and has full-text access to many more through SUNYConnect, the SUNY Virtual Library initiative and NOVEL, the New York State Library initiative. Supplementing the print and electronic collections are more than 50,000 audiovisual items: audio tapes, phonorecords, videotapes, 16mm films, filmstrips, slides, compact disks, CD-ROMs, DVDs, and other materials.

The spacious four-story Library is open seven days a week during the fall and spring semesters. Summer, Winterim, and intersession hours are also scheduled. Expert librarians are available for reference assistance. The Library promotes information literacy through individual and group instruction on library research, using both print and electronic resources. Community residents are encouraged to use the Library.

The Reference area, Circulation, Periodicals and Reserve check-out counters, exhibits, a networked electronic classroom, and a large, quiet study area are located on the first floor. On the lower level, there are two classrooms for library instruction, one of which is a second networked electronic classroom. The second and third floors house the circulating book collection, media, microform area, study areas, and the Academic Computer Center. Media also features a well-equipped screening room, which is available for class presentations.

Librarians provide instruction in the use of library facilities, the Internet, and effective research techniques. Lectures on library research are available to classes in all subject areas. Credit-bearing courses – Introduction to Library Research (LIB 101-3 credits), and Essential Research for College Success (LIB 100-1 credit) – are offered as part of the regular College curriculum.

Off-campus access to many of the Library's services is available at www.ncc.edu/dptpages/library/libpage.htm (or go to www.ncc.edu and click on "Library"). From the Webpage, students, faculty and staff may search the Library's catalog, use periodical databases, and access many other Library services.

The Library is also home to several special collections, including the Dozenal Society of America, the College Archives, and the G. Wilson Knight Interdisciplinary Society.

Learning Centers by Program

Accounting and Business Learning Center

(516) 572-7479 - Bldg. A 307

Provides tutoring for accounting and business courses and computers with Internet access and accounting and business related software.

Allied Health Sciences Anatomy and Physiology (516) 572-7550 - Bldg. E 2225

Offers extra help by faculty and use of Anatomy and Physiology labs for students in anatomy and physiology courses.

Physical Therapist Assistant

(516) 572-7556 - Bldg. E 211 A

Offers tutoring and program specific computer learning software for physical therapist assistant students.

Radiologic Technology

(516) 572-7559 - Bldg. E 120

Provides tutoring and program specific computer learning software for radiologic technology students.

Respiratory Care

(516) 572-7560 - Bldg. E 218

Provides tutoring and program specific computer learning software for respiratory care students.

Surgical Technology

(516) 572-7299 - Bldg. E 312

Offers tutoring, practice labs, and program specific computer learning software for surgical technology students.

Art

Ceramics

(516) 572-8040 - Bldg. G 178

Offers hours for students in ceramic and sculpture courses to work on their projects.

Computer Graphics

(516) 572-8068 - Bldg. G, C55/45/50

Offers hours for students in computer graphics and other art courses to work on their projects.

Photography

(516) 572-7166 - Bldg. G, C20/23

Offers hours for students in photography courses to work on their projects.

Printmaking

(516) 572-9653 - Bldg. G 272

Offers hours for students in printmaking, and students developing art portfolios to work on their projects.

Biology

(516) 572-7839/8078 - Bldg. F 107

Provides tutoring and supplemental assistance for students in biology courses.

Chemistry

(516) 572-9976/7274 - Bldg. C 115

Offers tutorial services, text answer books, self-help worksheets, videotapes on specific chemistry topics, computerized tutorials (ADA-enhanced computer available) for students currently enrolled in chemistry courses.

Communications

(516) 572-9671 - Bldg. F 117

Offers computer-assisted instruction for students in advanced ESL communications courses, tutoring for students in American Sign Language courses and audio/video supplementary materials and software programs for communications classes.

Engineering/Physics/Technologies

(516) 572-7272 - Bldg. D 218

Offers tutoring to students enrolled in courses in the department. Day and evening hours are available; call department for times.

(516) 572-7272 - Bldg. D 218

Provides software programs to assist students in courses in engineering, physics, and technologies. Day and evening hours times vary according to class schedules; and open hours are posted.

The Language Center of Lifelong Learning

(516) 572-7062 - Bldg. F 307

Offers individual and small group tutorial sessions to students enrolled in The Language Center of Lifelong Learning.

Foreign Languages

(516) 572-7416 - Bldg. M 15

Offers tutoring, audio, video, computer-assisted foreign language learning materials, and access to the Internet for students enrolled in any foreign language course.

Hospitality Business

(516) 572-7344 - Bldg. K 5

Offers hours for students to work on their projects.

Interior Design

(516) 572-7587 - Bldg. A 207

Offers hours for students to work on their projects.

Legal Studies

(516) 572-7774 - Bldg. A 107

CSD Computer Access Lab

(516) 572-7670 - Library 214A

Provides adoptive computer systems for students registered with the Center for Students with Disabilities. Contact this Center for Students with Disabilities (572-7241/42) for information.

Marketing/Retailing/Fashion

(516) 572-7587 - Bldg. A 213

Offers tutoring in Marketing 101 and Retailing 111. Hours by appointment only.

Apparel Design

(516) 572-7587 - Bldg. A 217 - Office Bldg. B 2037

Offers hours for students to work on their projects.

Mathematics/Computer Science/ Information Technology

Computer Learning Centers

For students enrolled in computer courses.

(516) 572-7379 - Bldg. B 225

Provides walk-in help with assignments, tutoring by appointment only, help classes in fall and spring semesters, computers with program specific applications, and review sessions for students enrolled in Math Department computer courses.

Math Center

For students enrolled in math courses.

(516) 572-7394 - Bldg. B 130

Offers brief walk-in individual help, topical help classes (fall and spring semesters only), thirty-minute tutoring sessions by appointment only, text answer books, self-help worksheets, and videotapes for specific courses for students enrolled in mathematics courses.

Music

(516) 572-7636 - Piano Lab - Bldg. Z

Provides pianos for practice for students in piano courses.

Tutorial Center

(516) 572-8198 - Bldg. H 114

Offers tutorial help for students in music classes. Hours by appointment only; call department.

Sound Recording Lab

(516) 572-8198 - Bldg. H 114

Provides tutorial help for students in Studio Recording Technology courses. Hours are by appointment only; call department.

Nursing

(516) 572-7240

Laboratory Skills Center - Bldg. V 202

Provides computer tutorials, tutorial classes, Internet access, books, and videos for nursing students.

Office Technology

(516) 572-8096 - Bldg. A 115

Provides reinforcement for Office Technology students in Microsoft Office applications (Word, Excel, Access, Power Point), keyboarding, speedwriting, transcription, and desktop publishing.

Reading/Basic Education

(516) 572-8979

Basic Education Reading/Writing Learning Center

Bldg. V 110

Offers tutoring in reading and writing, computer assisted learning programs, word processing, and Internet access for students enrolled in Basic Education Program reading and writing courses.

Basic Education Math Center

(516) 572-8046 - Bldg. V 112

Provides tutoring and computer assisted math learning programs for students enrolled in Basic Education Program math courses.

Basic Education Center

for Students with Disabilities

(516) 572-8975 - Bldg. V111

Provides tutoring, accommodations, and assistive technology for students with disabilities enrolled in Basic Education Program courses.

Reading Help Center

(516) 572-7465 - Bldg. M 201

Offers tutoring and computer reading programs for students enrolled in Reading 001, 002 and ESL Reading courses.

Contact the particular Learning Center for Summer and Winterim session hours. Centers are closed on holidays and holiday weekends.

Centers are available to current NCC students, alumni, and senior observers enrolled in courses.

Learning Resources

Academic Computer Service

Academic Computer Services (ACS) provides computer support for the instructional areas of the College. Our services include, but are not limited to, administration of the public access student computer labs; consultation with faculty to provide software solutions in their disciplines; evaluation and introduction of new technology and software for faculty, staff and students; academic computer lab technology design, setup and maintenance; technical administration support of the College web site and intranet site; and administration, faculty and staff Email support.

Academic Computing Centers

The Academic Computing Centers function as resource centers for students and faculty, offering support in a networked environment with full Internet/Intranet access. The centers provide ongoing technical support for the academic computer needs of the College. The knowledgeable staff assists users with current software applications such as Microsoft Windows, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, Microsoft Publisher and Internet Explorer. Our technical staff also provides support for online resources, multimedia and departmental proprietary software that supplement classroom instruction and assignments.

For more information, contact Academic Computer Services at:

(516) 572-7624

or stop by one of the Center locations:

Library - 2nd floor
Bldg. G - Room G145/149

CLUBS & ORGANIZATIONS

Access Club	Marketing Club
Afrikan peoples Club	Mathematics & Computer Club
Aiki Jujutsu Club	Medical Laboratory Technology Club
Alpha Beta Gamma	Meteorology Club
American Sign Language	Model United Nations
Art Club	Monster Squad
Associated General Contractors Student Chapter	Mortuary Science Club
Association for Computing Machinery(ACM)	Multicultural Club
Botanical Club	Museum Club
Career Explorer Club	Music Majors Club
Caribbean Students Organization	Muslim Students Association
Chamber Choir Club	Nassau Concerts
Chess Club	NCC Breakers
Communications Club	NCC Idol
Computer Graphics Club	NCC Speech
Concrete Canoe Club	NCC Soccer
Creative Writing Club	Newman Club
Criminal Justice Society	Nursing Club
Design Innovators	NYPIRG
Earth Science Field and Research Club	Orientation Service Group
Economics Club	Outing Club
El Club de Espanol	Paralegal Society Peacework
Engineering Society	Phi Theta Kappa - Day
Engineering Society Blood Drive	Phi Theta Kappa - Evening
Environmental Technology & Awareness	Philosophy Club
Evening Music Students Club	Photography Club
Entrepreneur's Club	Physical Therapist Assistant Club
Epicurean Club Future Teachers Club	Political Science Club
Francophone Club	PRIDE
Gaelic Society	Programming Board
Gamma Tauma	Psi Beta
Gospel Choir	Psychology Club
Haitian Students Association	Radiation Therapy Club
HARAYA	Respiratory Care Club
Heath & Physical Education Majors Club	SCI-FI Club
Honors Club	Ski Club
Hotel-Restaurant Club	Society Of Civil Engineers
Human Relations Society	Society of Women Engineers
INTERACT	Sound Recording Technology Club
International Youth Fellowship	South Asian Student Association
Interior Design Club	Student Government Association
Intervarsity Christian Fellowship	Student Organization of Latinos
Intramural Sports	Super Highway Club
Istanbul Club	Surgical Technology Club
Italian Culture Club	TISA (Total Immersion Student Association)
Japanese Association	Transfer Club
Jazz Club	Vignette
Jewish Student Organization	Wall Street Club
Korean Students Association	Wiccan/Pagan Society
Lambda Epsilon Chi	Women's Criminal Justice Association
Make a Difference	Women Student Association

STUDENT SERVICES

The Dean of Students is located in the College Center Building Room 312 and is responsible for most student support services. Students requiring assistance with general student advocacy or special problems, should contact this office.

In addition, services are provided to students by the Office of Health Services, the Department of Student Personnel Services and the Academic Advisement Center.

Volunteer Service Center

The Volunteer Service Center places interested students in volunteer positions with community agencies and organizations. It helps provide our students with pre-professional experience, as well as providing agencies and organizations with qualified, motivated students eager to learn and apply their skills. Interested students may contact the Center in the Job Placement Office, located in Building M. Call (516) 572-7132 for office hours.

Student Athletic Programs

The Faculty-Student Association sponsors programs in women's and men's intercollegiate athletics. The College is a member of the National Junior College Athletic Association and participates in Region XV competition.

The women's intercollegiate program has gained national prominence, fielding regional championship teams in bowling, volleyball, basketball, soccer, cross country, lacrosse, softball, tennis, and track. The women's program has won two national championships, one in soccer and one in tennis.

The men's intercollegiate program takes pride in its dominance over other junior colleges in Region XV. The men's teams have captured national titles in bowling, baseball, soccer, golf, wrestling, and lacrosse, along with numerous regional titles in cross country, football, basketball, tennis, and track.

In addition, the intercollegiate Athletic Department sponsors teams in women's dance, cheerleading, and coed equestrian teams.

Eligibility

All student athletes must be registered as full-time students (12 credits or more) to maintain athletic eligibility. Student-athletes should visit the Athletic Department office for further clarification on transfer status, Grade Point Average, and other matters.

Adult Resource Center

An Adult Resource Center meets the special needs of adult students (defined as those 25 years of age or older). The objective of these services is to assist adult students to evaluate their own potential and special needs through counseling, testing and advisement. Students will also be assisted in scheduling their courses to meet their individual needs. Courses are available, day, evening, weekends, online, on the air, and through independent study.

Support services are also available for financial aid, career and transfer counseling, job placement and child care. For further information, call the Adult Resource Center Coordinator, Professor Robert Rubin, Tower, Plaza Level: (516) 572-7103.

Center for Educational & Retention Counseling

Earning a college degree requires the student to make a commitment to academic achievement and to make the necessary educational decisions. Educational counselors assist all students with a wide range of concerns from educational decision-making to personal, social or family problem solving.

Educational counselors offer help in the following areas:

- educational planning
- study skills enhancement
- changing area of concentration (major)
- review of academic standing
- test anxiety and relaxation techniques
- life skills - balancing life, work and home
- clarifying goals and decision-making

The Center is located in Building M, Room 19, or call (516) 572-7141. Call for office hours.

Center for Students With Disabilities

The College provides the following support services for students with documented physical, hearing, visual, psychiatric, and learning disabilities:

- academic, career and personal counseling
- removal of architectural and attitudinal barriers
- priority registration
- group and individual tutoring in math, organizational and study skills
- appropriate classroom and testing accommodations
- on-campus shuttle bus
- sign language interpreters
- adapted computer access
- cultural program
- referrals to other campus services
- clarifying goals and decision-making

The Center is located in Building U, or call (516) 572-7241. Call for office hours.

It is the responsibility of the student to identify himself or herself as disabled upon entrance to the College, by notifying the Center for Students with Disabilities. Since each type of disability varies, the documentation needed by the CSD office will also vary. Individuals needing accommodations are strongly encouraged to contact the Center for Students with Disabilities, which is located in Building U. The Center can be reached by voice telephone at (516) 572-7241 or TTY at (516) 572-7617. The Center is partially funded by a TRIO Grant through the U.S. Department of Education. Call for office hours.

Health Services

Student Health Services is located on the lower level of the Administrative Tower and is staffed by registered nurses and a physician. Hours are Monday through Thursday 8:00 a.m. to 7:30 p.m. and on Friday from 8:00 a.m. to 4:45 p.m. When there are no classes/no evening classes hours are from 8:00 a.m. to 4:45 p.m. (please arrive 15 minutes prior to closing).

Student Health Services provides emergency care, medical care, consultation, and referrals to appropriate health facilities. A current and extensive array of health-related literature is available. Other services provided are physical education waivers, screening of immunization forms, and free MMR immunization clinic prior to the beginning of the fall and spring semesters.

The college physician holds two day-clinic sessions per week on Monday and Wednesday mornings. Evening clinic sessions are also available (call for specific times). Students participating in intercollegiate sports, second-year Nursing and Allied Health students requiring physicals, as well as students who have specific medical complaints are seen for consultation.

Insurance information is available at Student Health Services. All students are covered by an accident insurance plan (excluding motor vehicle accidents). Full-time students are covered by a 24-hour a day, seven-day a week policy, while part-time students are covered only while on campus. The accident insurance is included in the student activity fee. Brochures containing information and fee schedules for purchase of optional medical insurance plans for full-time and part-time students may be obtained at Student Health Services.

For a detailed description of services, visit the College website <http://www.ncc.edu> or call us at (516)572-7123.

Career Counseling Center

The Career Counseling Center, located in Building M, Room 14, is staffed by professional career counselors who provide counseling and vocational testing for students seeking to make career decisions. The center houses a career information center which contains resource materials including videos, books, magazines and an extensive pamphlet file on a variety of career fields. Also available is "Discover," an interactive career decision-making computer program. The center sponsors career planning workshops and special career programs throughout the year. For a detailed description of services, special events and office hours, individuals are encouraged to visit the Center on-line at the College website (www.ncc.edu; click on "student services"), or to call us at (516) 572-7697.

Child Care Services

The Children's Greenhouse is a not-for-profit child care center providing quality child care to NCC students and other members of the College community since 1979. The Center is open Monday through Friday, from 7:15 a.m. to 5:30 p.m., and enrolls children between the ages of 8 weeks and 5 years of age in six age-related groups.

The Children's Greenhouse is licensed by New York State Office of Children and Family Services and is staffed by professionals who provide a safe, nurturing and educational experience for the children who attend.

Fees are charged on a sliding scale based on family income and subsidies are available for eligible student parents. Families are accepted from the waiting list based on date of application, scheduling needs and the age of the child. Call (516)222-7085 for information and an application packet.

Academic Advisement

The Academic Advisement Center is the College's resource center for academic advisement. In conjunction with the Liberal Arts Departments, it is the primary academic advisement provider for both liberal arts and undecided students, either currently attending or returning to the College. The Center will also meet with students from most other majors when advisement in those major areas is not available. Students in the following specialized programs: Music, Commercial Art-Digital Technologies, Allied Health Sciences, Nursing, Office Technology, Mortuary Science, Computer Sciences and Engineering Sciences will be assisted in making contact with advisors in their majors. In addition, the Center is the main advisement resource for evening students.

The Academic Advisement Center is located in Building U behind the old brick College Union Building, between G and Public Safety (Security) in the South Parking Lot.

The phone numbers are:

(516) 572-7118 or (516) 572-7436.

The Center accommodates walk-ins.

Mission

The mission of the academic advising program at Nassau Community College is to assist students in the development of meaningful educational plans that are compatible with their goals. Further, it is to fully inform students regarding requirements in their areas of concentration and expose students to the variety of course and degree options offered by the College. This should take the form of an ongoing discussion between advisor and student, beyond merely a consideration of courses for registration, which continues throughout the student's college experience.

Purpose

The Office of Academic Advisement, located at the Academic Advisement Center (Building U), is responsible for the overall direction of the academic advising program at the College. It coordinates services offered by a variety of departments and offices. These services are outlined in the following table.

Advisement for Students on Academic Probation ("D" Standing) resulting from Low Grade Point Average

A student currently in "D" academic standing is required to obtain advisement and will be blocked from registering until he/she has obtained advisement from an Educational Counselor in the Student Personnel Services Department.

Program or Service	Location of Advisement Academic
Liberal arts or interest areas within liberal arts	Advisement Center and Liberal Arts Departments*
Undecided students	Academic Advisement Center
Liberal Arts students interested in teacher education	Prof. Diane Martin, Psychology Dept., Building G, Rm. 355
Liberal Arts or undecided - Adults (25+) day students	Academic Advisement Center Adult Resource Center, Tower, Plaza Level
Career-oriented degrees and certificates	Supervising academic departments
Evening students	Academic Advisement Center and specific academic departments as announced
Honors Program	Bradley Hall, Rm. 1
English as a Second Language (ESL)	Academic Advisement Center (Inquire for hours)
Students with Disabilities	Center for Students with Disabilities, Building U
Basic Education Program	North Hall, RM. 106
Two and three remedial students (except Basic Education or ESL)	Student Personnel Services, Nassau Hall, Rm. 11

* The Liberal Arts Departments include Biology, Chemistry, English, Economics/Finance, Foreign languages, History/ Political Science/Geography, Mathematics/Computer Science/Information Technology, Philosophy, Physical Science, Psychology, Reading/Basic Education, Sociology/Anthropology/Human Services

Advisement and Registration for students on Academic Probation**("D" Academic Standing) due to low Grade Point Average.**

A student currently in "D" academic standing is restricted to part-time attendance and may use self serve Banner to register for a maximum of 11.5 credits. "D" standing is the last step before academic dismissal. Students are urged to meet with a counselor in the Center for Educational and Retention Counseling (CERC) to discuss their academic plan and options before the priority registration schedule begins. Academic counseling, through CERC, is available to consider additional credits.

The Shared Responsibility of Advisor and Student for Effective Advisement

The advisor should provide accurate and timely information regarding degree requirements and recommend appropriate course work for completion of the degree.

The student should take an active approach to the advisement conversation by reviewing his/her requirements prior to meeting the advisor. This enables the advisor to review the student's planning and address any differences in calculations of credits or courses required. Questions or concerns can then be checked and resolved expeditiously.

Job Placement

The Job Placement Office, located in Nassau Hall, Room 39, is available to assist students seeking employment and internship opportunities. The staff of trained professionals provides a comprehensive service designed to ensure placement in an employment environment

consistent with individual academic interest. Workshops are scheduled each semester to assist students in developing appropriate pre-job training skills. Call (516) 572-7132 for further information.

Women's Center

The Women's Center was founded by the Department of Student Personnel Services in the early 1970s to provide a forum for discussion of concerns to women, and to bring educational programs to the campus and community.

The Women Students Association holds frequent meetings in the Center. Membership is open to students of all viewpoints.

The Women's Center faculty coordinators can be contacted at (516) 572-7698 in Building M, Room 14. Call for office hours.

Media, Arts & Cultural Organizations

Theatre

The Department of Theatre and Dance presents an extensive, open-to-the-public production program which includes a children's musical, a dance concert, a joint production with the Africana Studies Department, and numerous other plays and musicals. Auditions for these productions are open to students enrolled for a minimum of 6 credits at the College, and all interested students are encouraged to audition. Audition notices are posted on the Call Board in the Theatre (Building W).

Music

The Music Department invites students to participate in various performance groups. The following are open to all students without audition: Orchestra, Concert Band, Chorus, Jazz Ensemble and Jazz Big Band. Other music ensembles are open to students by audition: Vocal Ensemble (Chamber Choir), Chamber Ensemble and Jazz Improv Ensemble. Two additional groups are limited to students in the music degree program: Percussion, Ensemble, and Classical Guitar Ensemble. Community members and interested high school students may join some of our performing groups. For more information, call the Department at (516)572-7446.

In addition to performances by the above ensembles, the Music Department presents several student recitals each semester, as well as faculty concerts and recitals by renowned guest artists.

English

The Creative Writing Project of the English Department sponsors a wide range of activities for student writers. These include the projects of the Creative Writing Club, which produces the annual student literary magazine and holds regular meetings, public readings by students and distinguished visiting writers, group or individual use of a student publication center and resource room housing computer facilities and materials, such as recordings and magazines, and publication of an annual newsletter. High-lighting campus literary events and creative work by students. In addition, the Writing Workshop of the English Department hosts ESL group meetings in which topics of current interest are informally discussed by native and non-native speakers of English. (These groups are sponsored jointly by the Reading, Communications, and English Departments.)

College Radio Station, WHPC, 90.3 FM

The College radio station, WHPC (90.3 FM), operating 24-hours a day, maintains three studios (recording, news, and "on the air") for the broadcasting of information of importance and interest to the community including College courses for credit, news, interviews, music, and educational informational programming. The studios are equipped with state-of-the-art recording equipment. This includes the latest digital audio and recording equipment. The station receives the Associated Press News service via satellite. It uses both wire and audio reports throughout its broadcast day. These resources are comparable to those found in many commercial radio stations.

Student volunteer applicants are tested for their voice quality. Auditions are held weekly during the semester on Thursday, between the hours of 11:30 a.m. to 12:45 p.m., for students interested in pursuing a career in broadcasting. Student volunteers operate in all areas of the station, which provides a quality radio broadcast to all of Nassau and parts of Suffolk, Queens, Brooklyn, and New York City.

Art

The Art Department provides a number of cultural activities to students, the College community and the public. The Art, Photography and Computer Graphics Clubs invite guest artists to speak on campus and take field trips to galleries and museums. Other Department activities include Firehouse Gallery exhibitions, all of which are open to the public, by nationally and internationally known artists and craftsmen. The Firehouse Gallery also sponsors annual faculty and student shows as well as open competitions. The work of both students and gallery artists is regularly featured in the display cases in Building G as well as the College Center Building. In addition, the Art Forum lecture series sponsors demonstrations, lectures, films and visiting artists throughout the academic year."

International Student Services

The College offers special services to international students who may have been educated abroad, who hold temporary visas, or who are legal permanent residents of the U.S.

The Office of International Student Affairs provides services to all non-immigrant students attending Nassau Community College, including those enrolled in the LINCC (Language Immersion at NCC) program. The purpose of the ISA Office is to assist students with regulations related to their status in the United States.

Services include visa/status advisement for students in their home countries, advisement of international transfer students, change of status and reinstatement applications, and on travel/ consular issues. Advisement on work authorization and Social Security issues is also provided. In addition, the ISA Office administers the College international health program.

Applicants who will require a student (F-1) visa in order to attend Nassau Community College or our LINCC program should contact the ISA office at (516) 572-7053 in order to obtain an Admissions Guide & Application, and the application forms necessary to secure an I-20 (the document that is required before an F-1 visa can be issued). An I-20 will not be issued until a student has been accepted into a program of study at the College.

Students (attending or planning to attend NCC) needing assistance with visa or status concerns should contact Admissions or the Office of International Student Affairs at (516) 572-7053 (Building F, Room 2281). The ISA Office can also be reached via e-mail at isaoff@ncc.edu.

For more information on the LINCC program or the college placement test, please contact the LINCC office directly at (516) 572-7236.

Student Activities

The student activity program has grown from a conviction that education is not restricted to scheduled classes, that the hours outside the classroom are of major importance, and that the student activities program can give a new dimension to education. These activities expand the means through which the College educates.

The activities program is planned and implemented, in large part, by students involved in clubs and organizations. These social, cultural, and recreational activities enrich the lives of those participating and give student leaders the opportunity to plan and implement programs. This responsibility helps students build character, develop greater understanding of others, learn leadership skills, and have a greater sense of their own abilities.

To be eligible to serve as a campus-wide student leader, students must comply with the College policy on "Eligibility for Student Leadership Positions."

Call the Student Activities Office at (516) 572-7148 for further information.

Faculty-Student Association

The Faculty-Student Association, through its board of directors, sets and administers policies for the purpose of creating and implementing programs of cultural, social, educational, and recreational value to the College community. It also allocates and disburses the student fees collected by the College in support of these programs.

The Association was organized under New York State laws in accordance with State University policy. It is a non-profit, educational membership corporation. Its board of directors is comprised of five students, five faculty members and three administrative officers. The student and faculty directors are elected, while the three administrative directors serve by virtue of their positions at the College.

College Center

The College Center Building is the hub of student activities. Social and cultural programs, and a variety of recreational activities take place here. Activities include lectures, concerts and social programs. Meeting rooms, student organization offices, information areas, and counselors' offices are also located in the CCB. Call (516) 572-7148 for program information.

Social Programming

The Programming Board and Nassau Concerts are responsible for the major social programs on campus. The Programming Board offers a variety of social activities including dances, film festivals, comedy programs, and holiday parties. Nassau Concerts provides a concert series with both day and evening performances.

Student Government Association

Each entering student automatically becomes a member of the Nassau Community College Student Government Association (SGA). This Association, through the Student Senate, provides for student participation in the College governance process. SGA apportions the income from student activity fees among the other student organizations, makes recommendations concerning the conduct of the student body, recommends policies affecting student life, and, in all ways, represents student interests.

Student Publications

There are two campus publications: *Vignette*, the weekly newspaper, and the annual literary magazine produced by the Creative Writing Club.

Psychological Counseling Center

The Psychological Counseling Center furnishes free, confidential counseling to students. The professional staff helps resolve personal, emotional and situational difficulties. Short-term psychotherapy for individuals and groups is offered. The Center provides immediate referral to hospitals, clinics, social welfare agencies and educational clinics. Contact the Center in Building M, Room 9. Call (516) 572-7698 for office hours.

Transfer Counseling

The Transfer Counseling Office is located on the first floor of Building M, Nassau Hall, Room 4A. Students can obtain information regarding transfer opportunities to four-year colleges and universities. Information regarding scholarships can also be obtained at the Transfer Counseling Office.

The Transfer Counseling Office schedules group meetings as well as individual appointments to discuss any transfer concerns students may have.

An annual Transfer Day program (College Fair) and annual Evening Transfer Program are coordinated by the Transfer Counseling Office. Representatives from four-year colleges and universities schedule visits to our campus through the Transfer Counseling Office. A Transfer Newsletter is mailed each semester to the entire College community, and transfer information is published weekly in the student newspaper, the *Vignette*.

The library in the Transfer Counseling Office has a large collection of catalogs from four-year colleges and universities. Reference materials, financial aid forms for transfer students, State University (SUNY) applications, City University (CUNY) applications, and applications for most local colleges and universities are also available. Call the Transfer Counseling Office at (516) 572-7127/8 for further information.

Financial Aid Office

The College offers federal, state and college financial aid in the form of scholarships, grants, loans, and work to eligible students. A description of these programs and how to apply may be found in the section, "Expenses and Financial Aid". Information regarding financial aid is available at the Financial Aid Office, which is located on the 3rd floor of the Administrative Tower, or by telephone at (516) 572-7396.

ADMISSIONS INFORMATION

Students interested in attending Nassau Community College should consult the college website at www.ncc.edu/admissions for up-to-date information and program requirements.

DEGREE-SEEKING STUDENTS

New Students

Students who wish to earn a degree or certificate at NCC should apply for matriculated status by completing the College's application for admission and providing all required documentation by the specified deadline. An application fee will be charged. Acceptance as a matriculated student in a particular program indicates that the student has met all admissions requirements necessary to be a degree or certificate candidate in that program. Normally, matriculated students attend on a full-time basis (12-17 credits per semester) although students should decide the academic load they are able to carry. It is important to note that matriculated status and at least half-time study are required in order to receive federal and state financial assistance.

All degree or certificate candidates must possess a state-endorsed high school diploma or a General Educational Development (G.E.D.) certificate. There are limited options for non-high school graduates; refer to the section entitled "Enrollment Options for Non-High School Graduates". Home-schooled students, refer to a section entitled as such. Local school diplomas, such as I.E.P. and annotated diplomas, school leaving certificates, and certificates of attendance, are not valid for admission unless the school certifies that the applicant has met all diploma requirements (including successful completion of Regents Competency Testing or any other requirements) mandated by the State Education Department of New York.

Students are encouraged to print the application found online at www.ncc.edu/admissions. Paper applications can be obtained through the high school guidance counselor or by writing to: Office of Admissions, Nassau Community College, One Education Drive, Garden City, NY 11530-6793, or by calling (516) 572-7345, or via email at admissions@ncc.edu.

Requirements for admission to specific programs vary. Most important are the applicant's high school record and, in the case of a transfer student, college record(s). Recommendations from counselors and faculty members and Scholastic Aptitude Test (SAT) and/or American College Test (ACT) scores are not required, but can be helpful in making a positive admission decision when a student does not meet the criteria for a particular program. SAT or ACT scores may also be used to waive students from sections of the College's assessment test. Students who have taken the SAT and/or ACT are encouraged to submit these test scores to the College, as part of their application.

Applicants with international credentials must review our latest requirements online at www.ncc.edu/admissions/internationalstudents. International applicants who require a Student (F-1) Visa must submit additional application materials.

High school graduates or holders of the G.E.D. who do not meet the academic requirements for admission to a particular area of study should make an appointment with an admissions counselor to discuss appropriate options.

Applicants to selective programs, such as Nursing and the Allied Health Sciences, who fail to meet eligibility requirements for admission to these programs, should contact the Office of Admissions to discuss the necessary and appropriate course work that may enable them to qualify for admission at a later date. The Office of Admissions, in conjunction with several academic departments, holds informational workshops and/or individual sessions with prospective students to ensure that students are aware of prerequisites for admission to these programs. All applicants for matriculated status and for enrichment programs are required to take assessment tests in English, reading, and mathematics unless specifically exempted from the tests by the Office of Admissions. The results of these tests, which are used for placement and advisement, may affect a student's admission to certain programs or academic areas, but not to the College.

Information on criteria for admission to specific areas of study is found in the "Programs & Admissions Requirements" chart that is included with the paper application for admission and which can be viewed on the same college web page as the application for admission.

Because of the limited number of seats available in classrooms and laboratories, the College must reserve the right to deny limit matriculation into specific departments.

JOINT ADMISSIONS TO FOUR-YEAR COLLEGES

Applicants who plan to continue their education at a four-year college after graduation may be better prepared for acceptance by taking advantage of Nassau's joint admissions options. Joint admissions agreements currently exist with SUNY-Stony Brook, SUNY-Old Westbury, SUNY-Albany, Adelphi University, C.W. Post College and Dowling College.

Students can apply for joint admissions at the time that they apply for admission. Joint admission applicants are usually contacted by the senior institution. Acceptance to the senior institution is conditional upon receipt of the Nassau Community College degree and may require a particular grade point average and/or additional course work to satisfy the senior college's entrance and/or graduation requirements. Students are strongly encouraged to contact the senior college of their choice for further information on the joint admissions opportunities.

Transfer Students:

For admission with advanced standing from an accredited college, students must submit a copy of their high school credentials and official college records to the Office of Admissions. All academic records should be mailed to: Office of Admissions, Nassau Community College, One Education Drive, Garden City, NY 11530-6793. It is the student's responsibility to make sure the College receives all official transcripts by appropriate deadline dates. See the catalog section on Transferring and Earning Credits.

Returning Students:

Students in good academic standing who have previously attended Nassau Community College, have not attended another college, and who have missed at least two consecutive semesters (fall and spring, or spring and fall) are considered to be returning students, for the purposes of

registration in a subsequent semester of study. Such students must be readmitted and are charged an application fee, which may be done in the Office of the Registrar. Returning students who have attended another college after leaving NCC must reapply through the Office of Admissions, in order for their transfer courses to be evaluated. Students who were dismissed and want to return should review the Academic Standing section of this catalog for information on how to re-admitted.

Returning students requesting a new area of study must submit to the Office of the Registrar a Change of Program form approved by the appropriate academic department chairperson. Students who were once enrolled in high-demand programs, such as Nursing or one of the Allied Health Science programs, may not be permitted to re-enroll in these departments if seats are not available.

Returning students interested in re-entering any of these high demand programs should contact the appropriate academic department. If readmission to the program is not possible, students will have to select another program of study, if they wish to enroll as degree-seeking students with matriculated status.

NON-DEGREE SEEKING STUDENTS

Students who do not intend to pursue a degree or certificate at Nassau, but rather, plan to take courses for personal enrichment or professional growth, should apply as non-degree students. Non-degree students are not required to take the College's skills placement test unless the course(s) they wish to take require minimum scores on these tests. In particular, they will be prohibited from enrolling in any credit-bearing English, reading or mathematics courses until placement test results are available. Certain exemptions are granted, as noted in the following section on Skills Placement Tests.

Non-degree students are not eligible for state and federal financial aid programs. Additionally, non-degree students may be restricted from taking certain courses due to pre-requisites. Students in attendance who wish to change from non-degree to degree-seeking (i.e. matriculated status) must contact the Office of the Registrar. Additional requirements may have to be completed before matriculation can occur. Students should review the Degree-Seeking Student section of this catalog for matriculation requirements.

Visiting Students:

Students who are matriculated at another institution may, with the permission of their home institution, study at Nassau Community College for one or two semesters, while maintaining matriculated status at their home college. This procedure enables a student to test another environment without making a complete transfer. For information and a Visiting Student application, visit us online or contact the Office of the Registrar.

ENROLLMENT OPTIONS FOR NON-HIGH SCHOOL GRADUATES

Early Admission

The College enables some high school students who have completed the junior year to enroll as full-time freshmen. Arrangements can be made with the high school so that successful completion of the freshman year of college entitles these students to a high school diploma. Students applying for early admission normally must meet the following minimum requirements:

1. completion of the junior year (11th grade) of high school;
2. completion of at least 16 academic units of college-prep courses in high school;
3. achievement in high school that would place the applicant in the upper 20 percent of the high school class;
4. standardized test scores which give strong evidence of intellectual ability to do college work;
5. sufficient emotional maturity to cope with and benefit from an early college experience, as evidenced in an interview with an admissions counselor;
6. permission of the high school counselor or principal.

Applicants for the Early Admission option must complete the College's admission application. The student must call for an interview appointment with a Nassau admissions counselor and bring to the interview:

1. a brief statement of the intended purpose of early study;
2. recommendation of a counselor or principal, including a list of specific courses that the student must complete at the College to qualify for a high school diploma (if applicable);
3. a transcript of high school courses completed and in progress;
4. all available standardized test results; and
5. recommendations from at least two teachers.

High School Enrichment

The College also enables some high school seniors to enroll in College courses (maximum of two courses per semester) during the regular academic year, while continuing to attend high school. Students applying for this enrichment option usually must meet the following minimum requirements:

1. completion of the junior year (11th grade) of high school;
2. achievement in high school that would place the applicant in the upper 20 percent in subjects being elected for advanced study;
3. evidence of sufficient emotional maturity to cope with and benefit from an early college experience as evidenced in an interview with an admissions counselor;
4. acceptable general academic achievement in high school;
5. permission of high school counselor or principal.

Honors Connection

High school juniors and seniors who elect the High School Enrichment Option and who have consistently excelled in high

school can take a class in the Honors sequence at the College. To qualify, students must have a 90 percent average in academic subjects and a minimum score of 1500 on the PSAT or SAT exam (500 minimum on each of the critical reading, writing and math sections). Interested students should contact the Honors Program coordinator for additional information regarding application at (516) 572-7194.

The High School Equivalency or GED

Nassau Community College's Office of Admissions will consider applications from students who do not have high school diplomas and who want to earn an equivalency diploma (GED) through the completion of college credits. These applicants normally should meet the following minimum criteria:

1. be at least 18 years of age and
2. have been out of high school at least one year past the date of graduation of their high school class and
3. exhibit a genuine desire to obtain a college degree.

Students applying in this status must meet with a counselor from the Office of Admissions, complete the regular admissions application, supply official high school credentials, and take the basic skills placement test. Applicants who do not meet all of these criteria may present unique circumstances to request special consideration for admission.

The State University of New York, State Education Department, High School Equivalency Diploma Program provides that persons who have not earned a high school diploma may be issued a New York State High School Equivalency Diploma (GED) if they "provide satisfactory evidence that they have successfully completed twenty-four [24] credits (semester hours) or the equivalent as a recognized candidate for a college-level degree or certificate at an approved institution." The twenty-four credits must be distributed as follows: six [6] credits in English language arts, including writing, speaking and reading (literature); three [3] credits in mathematics; three [3] credits in natural science; three [3] credits in social science; three [3] credits in humanities; and six [6] credits that fulfill college degree requirements. Students are strongly encouraged to consult with academic advisors so that, as much as possible, the courses they take will fulfill the requirements specified above for the equivalency diploma, as well as for the Nassau college degree the student wishes to obtain. Non-credit lifelong learning (continuing education) courses taken solely for personal or cultural enrichment, and not part of a specific degree or certificate program, may not be used to obtain an equivalency diploma. Students who have completed or who are nearing the completion of these requirements should go to the Registrar's Office to obtain an application for the equivalency diploma, which they must file with the New York State Education Department. Students admitted under this program cannot be granted a degree or certificate without the equivalency diploma granted by the state.

Applicants to the College without a high school diploma typically would begin in a part-time, non-degree status based on their lack of a high school credential. Students who do not qualify initially for degree-seeking status may, nonetheless, follow a degree or certificate program as non-degree students in anticipation of their subsequently completing the GED. Once students have received the GED, they may apply for degree-seeking status. While in non-degree status, students are not eligible for financial aid. Please review the Skills Placement Tests section of this catalog.

Students Schooled at Home

While Nassau Community College recognizes home schooling as a legitimate educational option, students schooled at home who are unable to present diplomas from educational agencies that are state-endorsed and regionally accredited are considered to be without a high school diploma, and are expected to meet the same admission requirements described for equivalency diploma (GED) candidates and are encouraged to meet the requirements necessary to obtain the GED. The College reserves the right to require students to present appropriate proof of an approved high school diploma.

Home schooled applicants may be eligible for the Early Admission options described above. Therefore, students who have been home schooled are encouraged to keep a detailed "informal transcript" of courses completed with specific information such as reading lists and/or syllabi for each course. In addition, writing samples and lab reports, formal documents from correspondence schools or organizations through which courses were taken, and evaluations and/or grades received for each subject may be helpful in evaluating students' readiness for particular programs of study. Submission of SAT and/or ACT scores, and scores for other standardized tests, is highly recommended.

GUARANTEED TRANSFER AGREEMENTS

Because Nassau Community College is a member of the State University of New York, its students are guaranteed a full four-year degree at a SUNY institution if they meet academic qualifications at the local campus and at the transfer school.

This guarantee may or may not be met at the SUNY senior institution of the student's choice. The College has developed many articulation agreements with 4-year institutions, both public and private, to guarantee acceptance for Nassau Community College graduates who successfully complete certain criteria while in attendance here. Students are urged to take advantage of these guaranteed programs.

Contact the NCC academic department involved or the Transfer Office in Nassau Hall during the first semester of attendance to follow the correct course of study. Many of these offerings are described in the "Programs of Study" section of this catalog.

MMR & Meningitis Immunizations

MMR IMMUNIZATIONS REQUIREMENT

New York State law requires that students born on or after January 1, 1957, who are enrolled for six or more chargeable credits, be immunized against measles, mumps and rubella. The law further mandates that students who fail to submit proof of immunization prior to the 30th day of the semester will be disenrolled from all classes.

Disenrolled students are not permitted to be physically present in class and will receive “W” grades for all enrolled classes. Disenrolled students will not be permitted to register for the next semester until all immunization requirements have been completed. Students are not entitled to any refund of tuition and fees for the semester from which they have been disenrolled.

In the event of an outbreak of measles, mumps, or rubella, the New York State Department of Health will exercise emergency procedures that require the College to ban the attendance of any student regardless of credit load who has not submitted proof of immunization to the College’s Student Health Services office. For this reason, the College encourages all students in attendance born on or after January 1, 1957, to submit proof of immunization. In the event of an outbreak, students will not be permitted to use attendance restrictions imposed by the New York State Department of Health as a reason for a refund in excess of normal refund entitlements as outlined in the College’s refund policy elsewhere in this publication. Submitting documentation of immunization is the responsibility of the student and will ensure uninterrupted attendance.

MENINGITIS REQUIREMENT

New York State law requires colleges to distribute information about meningococcal disease and vaccination to all students enrolled for at least six (6) semester hours or the equivalent per semester.

Colleges in New York State are required to maintain a record of the following for each student:

A response to receipt of meningococcal disease and vaccine information signed by the student or student’s parent or guardian. This must include information on the availability and cost of meningococcal meningitis vaccine;

AND EITHER

Record of meningococcal meningitis immunization within the past 10 years;

OR

An acknowledgment of meningococcal disease risks and refusal of meningococcal meningitis immunization signed by the student or student’s parent or guardian.

New York State law states that no institution shall permit any student to attend the institution in excess of 30 days from the start of the semester without complying with this law. The 30-day period may be extended to 60 days if a student can show good faith effort to comply.

Skills Placement Tests

Skills Assessment Tests In English, Reading, and Mathematics

All degree and certificate seeking applicants to the College are required to take a placement test prior to registration. This test assesses skills in the areas of writing, reading, and mathematics, with the results used to determine if special course work must be taken in those subject areas. Students whose native language is not English are required to take an English-as-a-Second Language test in lieu of the College’s regular placement test. However, exemptions will be granted in the appropriate testing areas as follows:

Mathematics:

Students presenting a score of 510 to 549 on the SAT mathematics section, or a score of 22 to 23 on the ACT mathematics section shall be exempt from the arithmetic portion of the exam used for math placement. These students shall be given the algebra portion of the exam to determine any need for remediation in algebra. Furthermore, if there is no such need, they shall be given the college level math portion of the exam to determine their placement into credit math courses. Students presenting a score of 550 or more on the SAT mathematics section, or a score of 24 or more on the ACT mathematics section shall be exempt from both the arithmetic and the algebra portions of the exam used for math placement. Furthermore, these students shall be given the college level math portion of the exam to determine their placement into credit math courses.

Reading:

Students presenting a score of 550 or more on the SAT critical reading section, or a score of 24 or more on the ACT reading section shall be exempt from the reading placement exam. These students shall also be exempt from all reading remediation.

Writing:

Students presenting a score of 540 or more on the SAT writing section, or a score of 23 or more on the ACT English section shall be exempt from the writing placement exam. Furthermore, these students shall be placed into ENG 101, Introduction to Composition, the first credit-bearing English course in the composition series.

Post-graduate and Transfer Students:

Exemptions from the placement test will be given to those students who provide documentation that they possess a college degree from an accredited institution. In addition, transfer students who submit documentation that they have successfully completed a college level mathematics course equivalent to Nassau’s MAT 109 (Algebra and Trigonometry) or higher shall be exempt from the mathematics portion of the placement test. Those who submit documentation that they have successfully completed a college level course equivalent to Nassau’s ENG 101(Composition I) shall be exempt from the reading and writing portions of the placement test.

Please note that: Some students who have been exempted from any part of the NCC placement testing process, but who are applying for federal or state financial aid, may be required to prove “ability to benefit” (ATB) through applicable sections of the NCC Placement tests.

The Departments of English, Reading/Basic Education and Mathematics/CSC/ITE have developed certain circumstances under which some incoming students may be offered the opportunity to retake part of the placement examination in areas where they are initially unsuccessful. These policies and procedures are available at the Testing Center.

Students whose test results indicate a need for special courses must take those courses during the first semester of attendance and continue taking them in successive semesters until completing them satisfactorily. Successful completion of prescribed remedial work is a prerequisite to enrollment in specific credit-bearing courses.

These specialized courses in English, reading, and mathematics are found in the Course Description section of this catalog under BEP 090, BEP 091, BEP 092, COM 030, ENG 001, ENG 002, ENG 030, MAT 001, MAT 002, MAT 003, RDG 001, RDG 002, RDG 030.

The College reserves the right to test or exempt from testing any student regardless of status applied for and/or deny admission to specific course offerings based on test results. The College reserves the right to deny registration privileges to any student who does not comply with all aspects of the Placement Testing Policy.

For further details on specific time and place of assessment testing, see our website (www.ncc.edu) or contact the Coordinator of Testing at (516) 572-7780

TRANSFERRING CREDITS

Only equivalent courses with a grade of “C” or higher relevant to a student's degree requirements at Nassau will be accepted from other colleges to apply toward a degree. Although a minimum of 33 credits must be completed at NCC to earn a degree, the College may transfer additional courses in case students change their program of study while in attendance. Courses completed on a trimester or quarterly basis will be converted to semester hour credits. Questions regarding evaluation of transfer credits should be referred to the Office of Admissions.

ADDITIONAL CREDIT OR COURSE PLACEMENT OPPORTUNITIES

Opportunities are available to students through a policy of credit allowance for “life experience” and “credit by examination.” Placement into courses or credit may be granted as is approved by the College based on one or more of the following methods: (1) Departmental criteria (including written examinations, interviews, evaluation of past work or study, auditions, etc.); (2) College Level Examination Program (CLEP); (3) College Proficiency Examination (CPE); (4) Advanced Placement tests (AP); (5) International Baccalaureate (IB) exams; (6) United States Armed Forces Institute Examinations (USAFI/DANTES). For additional information, see “Programs for Military Personnel.”

Credits earned by examination or departmental assessment are counted as non-resident credits and are not computed in the cumulative grade point average nor in the total number of credit hours carried for the semester in which they are awarded. A student may receive advanced placement with credit by passing, with a minimum score established by the department, an examination in the appropriate subject area. A student may have preliminary course(s) waived (advanced placement without credit) and register for more advanced course(s) upon satisfactory departmental assessment. In either case, the student must file an application with the department chairperson. The departments awarding credit for advanced standing and/or “life experience” are Accounting/Business Administration, Allied Health, Art, Biology, Criminal Justice, Engineering/Physics/Technology, Health/Physical Education/Recreation, Hospitality Business, Marketing/Retailing, Mathematics/Computer Science, Music, Nursing, Office Technology, Physical Science, Psychology, Sociology, and Theatre/Dance. Students interested in advanced standing and/or “life experience” credit should contact the appropriate department. See the section on Academic Departments and Curricula.

Nassau Community College subscribes to the concept of earning credit through special programs, such as Independent Study and College Proficiency Examinations, sponsored by the State University of New York and the New York State Education Department. Credit may be applied toward a degree in one or a combination of any of these special programs, if a grade equivalent to “C” or higher is obtained. Further information on these special programs is available by writing directly to the State Education Department, Albany, NY 12224.

SPECIAL PROGRAMS

We have many outstanding special programs to meet the needs of our students.

The Fresh Start Program
 Honors Program
 The Achilles Project
 English as a Second Language
 Distance Education
 Weekend College
 Summer Sessions
 The College Experience
 Learning Communities, N SINCC
 International Study Programs
 Programs for Military Personnel

FRESH START

The Fresh Start Program allows a student who has not been in attendance at Nassau Community College for five years (ten fall-spring semesters) to remove from the grade point average grades lower than “C” earned during his/her previous attendance.

1. In all credit bearing courses taken after re-entry and before acceptance into the program, the Fresh Start candidate must receive a grade of “C” or higher. Therefore, a candidate is urged to carefully review his/her schedule and not to overextend his/her commitments. For non-credit courses, a grade of “S” must be achieved.
2. The Fresh Start candidate may apply for Fresh Start during the semester in which he/she expects to complete twelve (12) credits after re-entry.
3. The Fresh Start candidate must successfully complete twelve (12) credit hours of study within two academic years after re-entry in order for his/her application to be approved.

4. Acceptance into Fresh Start will be granted only once.
5. The Fresh Start candidate will be permitted withdrawal (“W”) grades only if he/she has an extenuating circumstance such as a medical or personal emergency authorized and accepted by the Dean of Students.
6. The Fresh Start Policy does not supersede existing BEP or ESL policies and programs. A student placed in a BEP program or ESL courses as a result of the College’s placement test must satisfactorily complete the program’s requirements before Fresh Start status can be considered.
7. The Fresh Start Policy does not supersede departmental admission policies.
8. The Fresh Start Policy does not supersede College dismissal policies. (See College catalog section on dismissal policy and dismissal appeal procedures.)
9. The Fresh Start policy does not prevent a student from repeating courses in order to secure a higher grade in those courses.
10. The guidelines set forth in the Fresh Start Policy cannot be waived.

Application Procedure for Fresh Start:

1. A student may apply for Fresh Start status during the semester in which he/she expects to complete the twelve credits described in parts two and three of the policy guidelines noted above. Provided that all criteria for the policy have been met, Fresh Start status will be officially granted by the Vice President for Academic Affairs or designee. The Registrar’s Office will notify the student of approval via the student’s College e mail account.

2. **Where to pick up Application:** The Academic Advisement Center (**516-572-7118**), or Center for Educational Counseling and Retention, Room M19

19, Nassau Hall (Building M), and in the Adult Resource Center, plaza level of the Tower.

3. **Where to submit Application:** The Academic Advisement Center (**516-572-7118**), Mon-Wed: 9:00 a.m. -4:00 p.m., Thurs: 9:00 a.m.-6:30 p.m., Fri: 9:00 a.m. - 4:00 p.m.

Completed applications may also be mailed to: Fresh Start Program, Academic Advisement Center, Nassau Community College, Garden City, NY 11530-6793.

HONORS

Honors classes are offered for academically advanced students who are invited to participate based on their high school grades. Those completing Honors courses will have an “Honors” designation entered on their transcripts. Honors students are enrolled in a special core curriculum which features an enriched background in English, the humanities, math, sciences, social sciences and electives. Students may also elect Honors courses in certain subjects only. All Honors courses fulfill the requirements for any Associate Degree. Students in all majors will have the opportunity to meet with a special advisor to develop a plan of study which includes Honors courses and maximizes their ability to develop their full potential. To be considered for Honors at Nassau, applicants must rank in the top 20 percent of their high school graduating class and must have completed three years of Regents English, Regents mathematics, and Regents science, demonstrating consistently high grades in each. Students may also be required to meet additional criteria determined by the Coordinator of the Honors Program. To apply for Honors, check the designated box on the College’s application for admission. For further information, contact the Honors office at (516) 572-7194, or the Office of Admissions.

THE ACHILLES PROJECT

NCC offers a special program for high-potential students with learning challenges (called twice exceptional or 2e). Achilles instructors are trained in the unique needs of this population and in differentiated instruction, a teaching method that modifies instruction and student information-processing based on students’ learning style, skill level, and interests. Students who meet 2e identification criteria, briefly described below, may participate. There is no designation of program participation on their transcripts.

Achilles students enroll in a five-course schedule that features two courses in their areas of strength (one in a subject of interest, the other in that using their learning style), one course in their area of challenge, NCC 101 that targets organizational/ study skills, and one course in any subject meeting their degree requirement. The strength area may be in an academic discipline or in such areas as the visual arts, performing arts, athletics, computer science or engineering. Tutoring and faculty teaming provide additional academic support. Students may also elect fewer than five Achilles courses. All Achilles courses fulfill the requirements for any Associate Degree.

Achilles students must also participate in a curriculum called “Odyssey: Inward and Outer Explorations” for social skills and emotional growth. Activities to enhance self-knowledge, self-expression, self-advocacy, stress management and social skills, as well as community service projects, are offered. Students must also meet with our job placement counselor to explore career interests/internship and with assigned advisors for personal and academic matters.

To be considered for the Achilles Project, applicants must have a Regents diploma, require no more than one remedial course at NCC, and show evidence through records and an interview of strength and weakness areas with a pronounced discrepancy between them. To apply for this program, please (1) submit the application for the College through the Admissions Office, (2) take the NCC Accuplacer tests, and (3) contact the Achilles Project Coordinator, at (516) 572-7458.

ENGLISH AS A SECOND LANGUAGE

The College offers a number of special courses and programs in English as a Second Language (ESL) for students interested in academic, personal, or professional growth.

For new matriculated ESL students, the College ESL Program provides separate course work in the areas of writing, reading, and speaking/listening at the advanced (030) level of instruction. Courses are given at convenient times during the daytime, in the evenings, and on weekends. For descriptions of ESL courses, consult the listings in this catalog under English (ENG), Reading (RDG) and Communications (COM). The Language Immersion at NCC (LINCC) Program is a non-credit intensive English as a Second Language Program. It is designed for students who want to attend college, but who place below the College ESL 030 level. For further information about the LINCC program, call at (516) 573-0165 or send an e-mail to lincc@ncc.edu.

Placement into both of these programs is determined by the ESL Placement Test. The test has three components: an essay exam, a reading test, and a listening exam. Students will be given an appointment to take the test.

In order to fulfill the College's ESL requirements, ESL students must pass or be placed out of English ENG 030, Reading RDG 030, and Communications COM 030. Successful completion of this course work will demonstrate that students have the skills necessary to continue with academic course work in a wide range of disciplines, and work toward a degree or certificate in a selected major, career or vocation.

ESL courses are also offered through The Language Center of Lifelong Learning. These course offerings are less academic in nature and are geared toward students who may not be thinking of pursuing further studies at the College, but still want to improve basic English skills in reading, writing, conversation, and pronunciation. Day, evening, and weekend courses are available. For further information about this program, please call (516) 572-7062.

DISTANCE EDUCATION

Each semester, NCC offers over 100 online courses and telecourses. These courses offer a student the opportunity to attend classes at his or her own convenience—any time and any place.

In an online course, the instructor and student are connected to each other through a computer network. Using the Internet, you can at any time receive instruction, compose and submit assignments, ask questions of the instructor and other students, discuss issues and actively participate in the class all from your home, your office, or the nearest on-campus or library computer lab. According to the type of online course — totally online or hybrid — students may be required to take a mid-term/final exam on campus or at an approved proctoring site, or to attend laboratory sessions on campus.

In a telecourse, the instructor facilitates students' learning through the use of audio or video resources, instead of face-to-face instruction. Programs may be broadcasted on the NCC radio station, WHPC 90.3, by Long Island's PBS TV station WLIW-TV21, or transmitted through Public Access Television Channel 20 (Great Neck). According to the type of telecourse, students may be required to take a mid-term/final exam on campus or at an approved proctoring site, or to attend laboratory sessions on campus.

It is important to note that successful completion of Distance Education courses is dependent on students being committed to this learning modality, and disciplined enough to work independently while meeting the instructors' assignment and course completion requirements.

For more information on Distance Education, call the Coordinator of Distance Education at (516) 572-7883.

WEEKEND COLLEGE

Weekends are a prime time for learning at Nassau Community College. Weekend College offers students the opportunity to earn degrees and certificates by taking classes on Friday evenings, on Saturdays and Sundays in the fall and spring semesters, and on Saturdays and Sundays during the summer. Any student may take Weekend College classes to customize his/her class schedule and to meet individual needs.

Weekend College enables students, and especially busy adults, to pursue and complete any of the following degree and certificate programs solely through weekend classes: A.A. and A.S. degrees in Liberal Arts, A.S. in Business Administration, A.S. in Accounting, A.S. in Criminal Justice, as well as the Paralegal Certificate.

Courses in other popular degree programs such as Interior Design, Computer Repair Technology, Marketing, Retailing, and Office Technology are also available through Weekend College. Students interested in careers in social work can pursue the A.A. in Liberal Arts in Weekend College and transfer "seamlessly" to several bachelor's programs in social work.

Weekend College enables students to advance their studies and reach their educational and career goals in an efficient and convenient fashion.

Weekend College students can enjoy the opportunities Nassau provides to all students to earn credits by taking online courses, or to select from among Nassau's unique "College of the Air" courses. Weekend College is a key component of NCC's educational outreach and service to the community. Students interested in Weekend College follow the same admission processes and academic policies as all students at Nassau.

SUMMER SESSIONS

Students currently attending Nassau Community College do not have to submit an application for summer attendance. Others must complete an application for admission in the summer.

Summer course offerings are published annually. The vast range of general courses available during the fall and spring semesters is usually available in the summer. Since Nassau's continuing students can register for summer sessions during the spring, some courses will be filled before visiting students have the opportunity to register. For this reason, visiting summer students should prepare several course alternatives.

Students attending Nassau Community College for the summer session only, and who are matriculated at other colleges, may register with the written permission of their home institution.

FRESHMAN SEMINAR (NCC 101, The College Experience)

NCC 101, a one credit course, serves as an introduction to college life. It is designed to give students the skills and information necessary to be successful in college.

NCC 101 helps freshmen improve their study skills, become familiar with campus resources, develop positive relationships with faculty, make informed choices about classes and careers, understand the goals and expectations of higher education, and in general, make the most of their college experience. The course also introduces freshmen to a faculty member who, if students wish, will serve as their mentor in subsequent semesters.

Most sections meet once a week for 75 minutes. However, the course is offered in other formats, including hybrid online, summer, departmental, and learning communities sections.

For more information about NCC 101: The College Experience, please call (516) 572-8030.

LEARNING COMMUNITIES, N SINCC

N SINCC, the New Student Initiative at NCC, is part of the Learning Communities offerings. It provides students opportunities to take paired courses that fulfill degree requirements and explore new interests. These courses, linked by a common theme or content, present a coherent and enriched curriculum. The instructors in the linked courses coordinate their assignments and discussions. Students work together and are encouraged to form study groups, creating a friendly and supportive environment.

For more information, contact Joyce Stern, Coordinator of the Learning Communities Program at (516) 572-9885.

INTERNATIONAL PROGRAMS AND SERVICES

International Student Affairs: Admissions and Services Applicants who will require a student (F-1) visa in order to attend Nassau Community College (including our Language Immersion program, LINCC) should contact the Office of International Student Affairs for information on applying. F-1 applicants must complete the International Admissions Application, and the forms necessary to obtain a Form I-20, which is required to maintain F-1 status. The Form I-20 will not be issued until a student has completed the application process and has been accepted for full-time study.

The Office of International Student Affairs provides services to F-1 and temporary (non-immigrant) visa holders who attend or plan to attend NCC. Services include visa/status advisement, applications related to visa status, and advisement related to travel and/or consular issues. Advisement on work authorization for non-immigrant students is also provided.

For more information, contact the Office of International Student Affairs at (516) 572-7053, or via e-mail at isaoff@ncc.edu. Information and application materials can be found at www.ncc.edu/Admissions/InternationalStudents.

Study Abroad Programs for NCC Students

Our students have access to a variety of study abroad programs and courses offered through NCC, the State University of New York (SUNY), and the College Consortium for International Studies (CCIS). The College offers short-term study abroad courses during the winter and summer sessions. Departments offering study abroad courses include Biology, Criminal Justice, Hospitality Business, and Marketing/Retailing/Fashion. Locations of these courses include Africa, Europe, Central America, and the Pacific Rim. Semester or year-long programs can be taken while in attendance at NCC via SUNY schools or CCIS.

To be eligible to participate in short-term study abroad programs, students must have completed 15 credits, 24 credits for semester and year-long programs. All students must have a GPA of 2.5 or higher. Most study abroad courses and programs are eligible for financial aid funding if a student qualifies for State and/or Federal financial assistance. For more information on any of these programs, contact the Office of International Education at (516) 572-7213. Information is also available at www.nassuabroad.com.

PROGRAMS FOR MILITARY PERSONNEL

Reserve Officer Training

Qualified full-time Nassau Community College students may participate in the Army or Air Force Reserve Officers Training Corps program at a nearby university on a cross-enrolled basis. Students may enter the ROTC program at any time prior to completing their sophomore year. There is no obligation to complete the ROTC program until the start of the junior year.

Undergraduate participants may compete for full scholarships, which include tuition, books, fees, and a monthly stipend of \$250 (up to ten months of each school year). The basic course takes only one hour a week. For further information, contact the Professor of Military Science (516) 463-5648 at Hofstra University for the Army ROTC, and Department of the Air Force (718) 862-7201 at Manhattan College for the Air Force ROTC.

Service Members Opportunity College (SOC)

Sponsored by the American Association of State Colleges and Universities and the American Association of Community and Junior Colleges, Service Members Opportunity College institutions offer active-duty military personnel evaluation of transfer credit and flexible degree program requirements. The College uses the American Council on Education (ACE) guidelines to award credit for military courses, training, and experience, and awards credits for nationally recognized testing programs. For more information, contact the Office of Admissions.

Concurrent Admissions Program (CONAP)

The CONAP program was created to increase the College enrollment of Army veterans with GI Bill education benefits after their separation from the service. Under this program, eligible Army enlistees will be admitted to the College concurrently with their enlistment. This deferred admissions agreement is good for up to two years after completion of two or three years active duty. For further information, contact the Office of Admissions or a local military recruitment office.

WORKFORCE DEVELOPMENT AND LIFELONG LEARNING

The mission of Nassau Community College's Department of Workforce Development and Lifelong Learning is to provide high quality programs and services to promote education and training to residents, business and industry on Long Island. NCC is dedicated to serving the diverse needs of its constituents and enabling access to an array of learning opportunities through credit and non-credit offerings. The department is committed to building a well educated workforce as well as enriching the lives of those in the surrounding community. The department strives to offer students experiences that balance recreation and professional development, while engaging in social, cultural, and intellectual pursuits.

Center for Workforce Development

Nassau Community College provides training programs that are individually designed and delivered to Nassau's business communities. Program topics include computer applications, communications, business writing, supervisory skills, and many others. To accommodate and support the global economy workforce English, Spanish and other language skills are customized for business and industry. These courses assist companies in upgrading the skills of their employees.

Course can be tailored to fit the needs of the employer, and can take place at the College's labs and conference rooms or at the employer's work site. Flexible scheduling allows training to be offered at the organization's convenience. Customized courses vary in length and are taught by college faculty and business professionals.

Organizations interested in obtaining more information should contact the Workforce Development Center by emailing cwd@ncc.edu or call 516.572.7487

Adult Continuing Education

The College offers a variety of non-credit courses for personal enrichment and growth, which are designed to broaden the professional and cultural background of the participants. The courses do not involve grades or transcripts. Many courses are offered, including business skills, career change exploration, health and wellness, personal investments, computer skills, art, language skills, dance, sports, and physical activities. For a current listing of courses and events visit the College website at www.ncc.edu/continuingeducation or email us at cedoff@ncc.edu

Corporate Credit Program

Corporate Credit Programs allow businesses and organizations to provide college credit-bearing courses for their employees. Affordable tuition makes Corporate Credit Program a wise investment.

For further information, email the Program Office at cwd@ncc.edu or call 516.572.7699

Language Center

The Language Center provides a variety of non-credit, foreign language courses. Class offerings are based on the diverse needs of our students who may want to travel, converse with family members, attend international conferences, learn a new language, or improve business communication skills. Foreign language classes are taught at different levels, guiding students in speaking, reading, writing, and listening as well as in developing a familiarity with international customs, cultures, and traditions.

During our Fall, Spring, and Summer sessions, we also offer a course in American Sign Language.

For further information, email LanguageCenter@ncc.edu or call 516. 572.7062

College-Level Examination Program (CLEP)

Nassau Community College is a test site for the College-Level Examination Program (CLEP). Sponsored by the College Board, CLEP offers the opportunity to receive college credit by earning qualifying scores on one or more of 34 exams in the disciplines of business, composition and literature, foreign language, history and social sciences, and science and mathematics. Credits earned via CLEP are transferable to approximately 3,000 colleges.

CLEP can help you accelerate your graduation or accomplish career goals. Professionals such as teachers, firefighters, and police officers have used CLEP to meet professional development goals or to qualify for employment.

For more information [click here](#) or contact our CLEP office by emailing clep@ncc.edu or calling 516.572.9947

GED Testing

Nassau Community College is authorized by the New York State Department of Education to be a GED Testing Center. The College offers Long Islanders the opportunity to take the test at NCC's convenient Garden City campus and also encourages candidates to attend college-level credit classes upon the attainment of their diploma.

For information on a GED application, [click here](#) or call 516.572.7667

Drinking Driver Program (DDP)

Motorists convicted of Driving While Intoxicated (DWI), or Driving While Alcohol Impaired (DWAI) are often required by court or the Department of Motor Vehicles to participate in a 16-hour education program. The Department of Motor Vehicles approves curriculum and determines eligibility for the DDP program. If you are eligible, you must register at your local DMV office.

For detailed information on the program [visit us online](#) or email us at DDP@ncc.edu or call 516.572.7201

Special Program for Living

Special Program for Living is designed for developmentally disabled adults who have completed a secondary education. The aim of this program is to support and continue the learning experience for developmentally disabled adults over the age of 21. Course offerings include mathematics, current events, physical fitness, computers, and much more.

For more information, email SPL@ncc.edu or call 516.572.7487

Senior Citizens Observer Program

Nassau Community College invites Nassau County senior citizens to participate in the Senior Observer Program. This program permits Nassau County residents 60 years of age and older to observe credit-bearing courses, tuition free, on a space-available basis. Seniors should be aware that there is a mandatory college-wide parking fee. While the program provides senior citizens the opportunity to observe a course, the actual extent and level of participation is at the discretion of the instructor. Certain courses at the College are not available through the Senior Observer Program. Although senior observers are not graded or given academic credit, they must meet course prerequisites.

To be eligible, participants must submit proof of age and residency (Nassau County senior citizen's pass, driver's license or other official documentation), and register with the Senior Observer Program office.

Further information and an application may be obtained by emailing srobserver@ncc.edu or by calling 516.572.7473

RECORDS & REGISTRATION

Registration is conducted in a credit priority system for currently enrolled and returning students - i.e. the currently attending students with the highest number of credits completed and in progress will be given the opportunity to register first. Students are strongly urged to comply with their credit priority to ensure optimum advisement and choice of courses. Normally, students who take advantage of their first opportunity to register are able to secure the courses and schedule they desire.

MyNCC Online System

MyNCC is the Nassau Community College information and registration system using the Internet. All students can view available information and perform some functions. Self-service registration is available to many students but may be limited to certain populations. The College has identified students who must meet with an advisor before they are able to enroll to ensure academic success. For example, students attending NCC for the first time and students in specialized programs that require careful course selection are restricted in their use of MyNCC. In some instances, students' academic standing may restrict self-service registration, as in the case of those who have been placed in remedial courses.

For additional information about MyNCC, see the College's website at www.ncc.edu/myncc.

Residency Requirements

To be eligible for the resident tuition rate, a student must have one year's legal residency in New York State and six months in the County of Nassau immediately preceding the time of registration for any period of attendance. The legal residency of unmarried students under 21 is deemed to be that of their parents.

New York State students from counties other than Nassau may have the nonresident tuition rate waived by submitting a Certificate of Residency from their home county fiscal office prior to payment of tuition and fees. The submission of a valid Certificate of Residency qualifies students who reside in counties other than Nassau for the Nassau County resident tuition rate.

Applications for a Certificate of Residency are available in the Bursar's Office, Tower, Lower Level and Student Financial Affairs, Tower, 5th floor. For students commencing study in the fall semester, the certificate will cover a full year, including fall and spring semesters and summer sessions. Certificates of Residency must be renewed each year. Individuals on student visas cannot qualify for a Certificate of Residency. Questions about residency status should be directed to the Office of Student Financial Affairs, Tower 5th floor or by telephone at (516) 572-7563 or 7326.

Schedule Changes

Drop/Add Course Changes

Students are expected to exercise discretion and forethought in the selection of courses and in scheduling their class hours each semester. Changes of schedule will not be permitted after the first week of classes in a regular semester or the second day of classes in a summer semester.

Straight withdrawals, however, may be made at any time in accordance with "Withdrawal Grades" described in a later section of the catalog.

All Drop/Adds involving changes of courses should have the written approval of a faculty advisor. Such approval does not guarantee admittance to the class.

A fee will be charged for all Drop/Adds during "Late Period" except "necessary" changes and straight withdrawals (see "Fee Schedule"). Drop/Add may be performed online or, if in person, the form must be submitted to the Office of the Registrar.

Change of Approved Program

A student wishing to change his/her program should first obtain a Change of Program form at the Registrar's Office or the office of the academic department the student wishes to enter. The form lists the procedures to be followed. See "Grade Point Average" section in this catalog for possible effect on grades.

Students not meeting the initial admission requirement to the new area of study will not be given approval for such a change until they have satisfactorily completed at least 15 credits at the College. The College reserves the right to refuse matriculation or change of program into specific departments because the number of qualified students often exceeds the number of spaces available.

Transcripts

An unofficial or end of semester grade report is available on the web at www.ncc.edu/MyNCC. Go to Student Records and click on the desired link. Official transcript requests are available on the same website.

Nassau Community College reserves the right to deny copies of official transcripts if the student has unpaid financial obligations to the college.

Attendance Regulation

No student shall be awarded academic credit for any course unless properly enrolled (appropriate forms and payment of tuition and fees) on or before the last date for the filing of drop/add forms for the semester in question (first week of fall or spring classes or second day of summer semester).

Entering freshman students will be enrolled for a maximum of 16 semester hours of credits. Academic advisors may, however, recommend a 17 or 18-credit load if the student's high school record indicates an overall average of 85% or higher or for other extenuating circumstances. Written approval of the area department chairperson is required. Continuing and returning students may enroll in no more than 17 credits per semester. In special circumstances, written approval to enroll for 18 credits may be granted by either the department chairperson of the student's area of study or the Director of Academic Advisement or designee. Certain degree programs call for a student to enroll in 18 or more credits as part of his/her recommended progress toward a degree. In these instances a student must obtain the written approval of the department chairperson of the student's area of study. All other students requesting more than 18 credits for a semester must obtain the written approval from the appropriate Area Dean.

Admission to Class

Once a semester has begun, and within the drop/add period, students will be admitted to a course only upon the presentation of either a paid, validated receipt from the Bursar's office, or a valid Senior Citizen permit.

Class Attendance

Students are expected to attend all classes. Absences due to illness or for other serious reasons may be excused at the discretion of the instructor. Students are advised that absences in excess of 10% of the total class meetings may result in being dropped from the course. Some departments may have additional attendance guidelines and related grading policies. The instructor shall detail the specific attendance policy for his/her class. Students are responsible for all course work missed. Students receiving Veterans Administration educational benefits are reminded of their legal obligation to withdraw officially and to notify the Veterans Certification Office should they cease to attend any class.

Auditing of Classes

Auditors may be permitted in classes under the following conditions:

1. Regular course fees are paid;
2. Section enrollment limits are not exceeded;
3. Auditors are clearly identified to the instructor;
4. Auditors do not preempt seats desired by credit students (i.e. auditors are not admitted until after the drop/add period is completed);
5. No more than five auditors may be permitted in any one section;
6. A grade cannot be subsequently or retroactively awarded. Nassau County residents aged 60 years or older, please see catalog section on "Senior Observers."

Religious Absences

The laws of the State of New York, Section 224 A of the Education Law, provide that:

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he/ she is unable, because of his/her religious beliefs, to register or attend classes or to participate in any examination, study or work requirements on a particular day or days.
2. Any student in an institution of higher education who is unable, because of his/her religious beliefs, to attend classes on a particular day or days, shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his/her religious beliefs, an equivalent opportunity to register for classes or make up any examination, study or work requirements which he/she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.
4. If registration, classes, examinations, study or work requirements are held on Friday after four o'clock post meridian or on Saturday, similar or makeup classes, examinations, study or work requirements or opportunity to register shall be made available on other days, where it is possible and practical to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements or registration held on other days.
5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of his/her availing himself or herself of the provisions of this section.
6. Any student, who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the Supreme Court of the county in which such institution of higher education is located for the enforcement of his/her rights under this section.
 - 6a. It shall be the responsibility of the administrative officials of each institution of higher education to give written notice to students of their rights under this section, informing them that each student who is absent from school, because of his/ her religious beliefs, must be given an equivalent opportunity to register for classes or make up any examination, study or work requirements which he/she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to such student such equivalent opportunity.
7. As used in this section, the term "institution of higher education" shall mean any institution of higher education, recognized and approved by the Regents of the University of the State of New York, which provides a course of study leading to the granting of a post-secondary degree or diploma. Such term shall not include any institution which is operated, supervised or controlled by a church or by a religious or denominational organization whose educational programs are principally designed for the purpose of training ministers or other religious functionaries or for the purpose of propagating religious doctrines. As used in this section, the term "religious belief" shall mean beliefs associated with any corporation organized and operated exclusively for religious purposes, which is not disqualified for tax exemption under section 501 of the United States Code.

Veteran Certification

Veterans who have registered for classes should meet with one of the Veterans Education Reps in the Office of the Registrar for VA enrollment certification. Veteran students must bring a copy of their schedule and a print-out of their bill. The NCC Vet Reps are available Mon-Fri, 10:00 a.m. - 12:00 p.m. and 2:00 - 4:30 p.m. For evening hours, please refer to the website at www.ncc.edu. The enrollment certification process must be repeated every term.

Graduation

A minimum cumulative grade point average of 2.0 is required for graduation from both degree and certificate programs. Students are required to complete at least 33 credit hours in residence (i.e. completed at NCC) for degree programs and 15 credit hours in residence for certificate programs. If a student believes that all requirements for a degree or certificate will be completed by the end of the fall, spring, or summer semester, he or she must submit to the Registrar's Office an Application for Graduation. Students who were admitted under the GED program must apply for the equivalency diploma through the New York State Education Department in order to be subsequently awarded a degree or certificate. The Office of the Registrar can provide the application to apply for the equivalency diploma. The Application for Graduation must be submitted to the Office of the Bursar with the required fee and a Degree Evaluation by the following deadline dates:

Fall Semester Graduates – Last Monday in October
Spring Semester Graduates – Last Monday in February
Summer Semester Graduates – Last Monday in June

A student who is no longer attending Nassau who has transferred to another higher education institution and who now desires to complete a Nassau Community College degree or certificate program may transfer back no more than 9 credits to complete the degree or 6 credits to complete the certificate. An official transcript from the transferring institution must be submitted to the Registrar before applying for graduation. Only equivalent courses with a grade of "C" or higher relevant to a student's degree or certificate requirements at Nassau Community College will be accepted from other colleges. Under extenuating circumstances, the Office of Academic Affairs may grant permission, in writing, for a student to transfer back more than 9 credits required to complete a Nassau Community College degree or more than 6 credits to complete a certificate program. Transferring back credits does not alter the minimum credits required in residence for degree and certificate programs.

Program Graduation & Retention

This chart provides rates of retention and graduation for the various programs of study offered at the College.

This chart tracks the 4,435 full-time, first-time entering class of fall 2004, by either degree or certificate program. These figures, of course, do not include entering part-time students or those students who transferred to NCC from another institution. All figures represent “known” categories and/or events. Although success at the community college takes many forms, this chart deals only with documented graduates, students still in attendance, and non-graduating transfers.

The “Entered” column includes final choices of programs students made during their residency. The next two columns combine the number of students who have graduated prior to, or are attending, the respective semesters. The “Total Grads Aug 07” column isolates the cumulative number of students who graduated by the specified date, while “Still Attending” isolates those students still in pursuit of their goals. The “Grads & Returned FALL '05” column indicates the total graduation/retention figure for each program as of fall 2005. The “Non Grads That Transfer” column isolates those students who did not graduate for whom we currently hold documentation that they transferred to a public or private post-secondary institution. This information is available due to the recent development of a transfer student database. As it represents a work still in development, it may not include all students who transferred during this time. It is anticipated that these figures will increase in future years, as more colleges are included in the database. The final column totals all students who either earned a degree, transferred without earning a degree or were still enrolled as of the fall 2007 semester. This column represents the college’s “documented” success.

CODES	PROGRAM AREAS	AWARD	Entered FALL 04	Grads & Returned FALL	Grads & Returned FALL	TOTAL Grads AUG 07	Still Attend FALL 07	TOTAL Grads & Returned FALL	TOTAL Non-Grads That	TOTAL Transfer Returned
	Total All Programs	ALL	4435 100.0%	3037 68.5%	2117 47.7%	846 19.1%	840 18.9%	1686 38.0%	1082 24.4%	2768 62.4%
02	Bus - Accounting	AS	53	43 81.1%	29 54.7%	9 17.0%	14 26.4%	23 43.4%	10 18.9%	33 62.3%
01	Bus - Accounting	AAS	7	3 42.9%	4 57.1%	1 14.3%	1 14.3%	2 28.6%	4 57.1%	6 85.7%
77	Acting	AA	15	10 66.7%	7 46.7%	2 13.3%	5 33.3%	7 46.7%	3 20.0%	10 66.7%
82	American Sign Language	AA	9	5 55.6%	6 66.7%	2 22.2%	3 33.3%	5 55.6%	2 22.2%	7 77.8%
D6	Art	AS	29	22 75.9%	18 62.1%	7 24.1%	7 24.1%	14 48.3%	0 0.0%	14 48.3%
96	Art Studies	AA	15	8 53.3%	4 26.7%	2 13.3%	3 20.0%	5 33.3%	4 26.7%	9 60.0%
12	Bus - Business Admin.	AS	253	186 73.5%	140 55.3%	53 20.9%	54 21.3%	107 42.3%	47 18.6%	154 60.9%
24	Bus - Business Admin.	Cert	8	4 50.0%	2 25.0%	0 0.0%	2 25.0%	2 25.0%	4 50.0%	6 75.0%
17	Child Care	AAS	6	1 16.7%	2 33.3%	0 0.0%	0 0.0%	0 0.0%	1 16.7%	1 16.7%
A1	Child Care Worker	Cert	1	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
29	Civil Engineering Technology	AAS	16	11 68.8%	8 50.0%	2 12.5%	3 18.8%	5 31.3%	4 25.0%	9 56.3%
97	Commercial Art	AA	8	4 50.0%	1 12.5%	0 0.0%	0 0.0%	0 0.0%	2 25.0%	2 25.0%
C2	Commercial Art - Digital Technology	AAS	30	26 86.7%	19 63.3%	9 30.0%	9 30.0%	18 60.0%	5 16.7%	23 76.7%
83	Communication Arts	AA	27	19 70.4%	8 29.6%	1 3.7%	5 18.5%	6 22.2%	11 40.7%	17 63.0%
A5	Computer Info Systems Microcomputers	AAS	1	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 100.0%	1 100.0%
D5	Computer Repair Technology	AAS	14	10 71.4%	7 50.0%	4 28.6%	3 21.4%	7 50.0%	6 42.9%	13 92.9%
53	Computer Science	AS	15	9 60.0%	6 40.0%	2 13.3%	2 13.3%	4 26.7%	4 26.7%	8 53.3%
D4	Construction Management	Cert	6	4 66.7%	3 50.0%	1 16.7%	3 50.0%	4 66.7%	0 0.0%	4 66.7%
10	Criminal Justice	AS	233	159 68.2%	119 51.1%	41 17.6%	48 20.6%	89 38.2%	36 15.5%	125 53.6%
78	Dance	AA	9	8 88.9%	5 55.6%	1 11.1%	3 33.3%	4 44.4%	1 11.1%	5 55.6%
32	Design (Fashion) Apparel Design	AAS	26	20 76.9%	13 50.0%	7 26.9%	3 11.5%	10 38.5%	5 19.2%	15 57.7%
E1	Diet Management	Cert	1	1 100.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
58	Early Childhood	AAS	10	2 20.0%	2 20.0%	0 0.0%	0 0.0%	0 0.0%	10 100.0%	10 100.0%
31	Electrical Engineering Technology	AAS	18	11 61.1%	6 33.3%	1 5.6%	5 27.8%	6 33.3%	5 27.8%	11 61.1%
28	Engineering Science	AS	13	11 84.6%	7 53.8%	3 23.1%	5 38.5%	8 61.5%	5 38.5%	13 100.0%
39	Bus - Fashion Buying & Merchandising	AAS	85	61 71.8%	42 49.4%	23 27.1%	18 21.2%	41 48.2%	23 27.1%	64 75.3%
98	Fine Arts	AA	2	1 50.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 100.0%	2 100.0%
D7	Food & Nutrition	AS	3	3 100.0%	3 100.0%	1 33.3%	1 33.3%	2 66.7%	0 0.0%	2 66.7%
87	Food Service Administration, Restaurant Management	AAS	30	23 76.7%	16 53.3%	5 16.7%	7 23.3%	12 40.0%	4 13.3%	16 53.3%
49	Hotel Technology Administration	AAS	31	25 80.6%	19 61.3%	10 32.3%	8 25.8%	18 58.1%	6 19.4%	24 77.4%
C1	Information Technology	AAS	16	9 56.3%	8 50.0%	3 18.8%	4 25.0%	7 43.8%	3 18.8%	10 62.5%
A7	Design - (Interior) Home Furnishings	AAS	23	18 78.3%	15 65.2%	7 30.4%	2 8.7%	9 39.1%	3 13.0%	12 52.2%
03	Liberal Arts & Sciences - African American Studies	AA	6	2 33.3%	1 16.7%	0 0.0%	0 0.0%	0 0.0%	4 66.7%	4 66.7%

CODES	PROGRAM AREAS	AWARD	Entered FALL 04	Grads & Returne d FALL	Grads & Returne d FALL	TOTAL Grads AUG 07	Still Attend FALL 07	TOTAL Grads & Returne d FALL	TOTAL Non-Grads That	TOTAL Transfer Returne d
44	Liberal Arts & Science - Humanities & Social Science	AA	2512	1707 68.0%	1159 46.1%	493 19.6%	423 16.8%	916 36.5%	624 24.8%	1540 61.3%
45	Liberal Arts & Science - Mathematics & Science	AS	559	353 63.1%	230 41.1%	77 13.8%	102 18.2%	179 32.0%	177 31.7%	356 63.7%
90	Logistics & Transportation Management	AAS	2	1 50.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 50.0%	1 50.0%
50	Bus - Marketing	AAS	71	53 74.6%	38 53.5%	19 26.8%	11 15.5%	30 42.3%	25 35.2%	55 77.5%
47	Mathematics	AS	10	8 80.0%	8 80.0%	5 50.0%	1 10.0%	6 60.0%	2 20.0%	8 80.0%
84	Media	AA	35	26 74.3%	20 57.1%	9 25.7%	4 11.4%	13 37.1%	13 37.1%	26 74.3%
54	Medical Laboratory Technology	AAS	2	2 100.0%	1 50.0%	1 50.0%	0 0.0%	1 50.0%	0 0.0%	1 50.0%
75	Mortuary Science	AAS	10	8 80.0%	8 80.0%	3 30.0%	3 30.0%	6 60.0%	0 0.0%	6 60.0%
60	Nursing - R.N. Program	AS	34	29 85.3%	28 82.4%	6 17.6%	20 58.8%	26 76.5%	4 11.8%	30 88.2%
13	Bus - Office Technology Administrative Support Tech.	AAS	2	1 50.0%	1 50.0%	0 0.0%	1 50.0%	1 50.0%	1 50.0%	2 100.0%
14	Bus - Office Technology Legal	AAS	9	8 88.9%	6 66.7%	4 44.4%	1 11.1%	5 55.6%	0 0.0%	5 55.6%
15	Bus - Office Technology Medical	AAS	7	5 71.4%	5 71.4%	1 14.3%	3 42.9%	4 57.1%	1 14.3%	5 71.4%
91	Bus - Office Tech., Word Processing & Office Automation	AAS	9	5 55.6%	4 44.4%	0 0.0%	3 33.3%	3 33.3%	0 0.0%	3 33.3%
43	Paralegal	AAS	15	15 100.0%	9 60.0%	4 26.7%	7 46.7%	11 73.3%	2 13.3%	13 86.7%
A6	Paralegal Studies	CERT	2	2 100.0%	2 100.0%	2 100.0%	0 0.0%	2 100.0%	0 0.0%	2 100.0%
74	Perform Arts - Music	AAS	17	14 82.4%	10 58.8%	3 17.6%	5 29.4%	8 47.1%	5 29.4%	13 76.5%
61	Photography	CERT	4	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 75.0%	3 75.0%
D3	Photography	AS	11	5 45.5%	4 36.4%	2 18.2%	1 9.1%	3 27.3%	1 9.1%	4 36.4%
57	Physical Therapist Assistant	AAS	1	1 100.0%	1 100.0%	1 100.0%	0 0.0%	1 100.0%	0 0.0%	1 100.0%
95	Radiologic Technology	AAS	5	4 80.0%	5 100.0%	4 80.0%	1 20.0%	5 100.0%	0 0.0%	5 100.0%
92	Radiation Therapy Technology	AAS	5	4 80.0%	4 80.0%	3 60.0%	1 20.0%	4 80.0%	0 0.0%	4 80.0%
66	Respiratory Care	AAS	4	4 100.0%	3 75.0%	1 25.0%	3 75.0%	4 100.0%	0 0.0%	4 100.0%
80	Bus - Retail Business Management	AAS	13	4 30.8%	3 23.1%	1 7.7%	2 15.4%	3 23.1%	3 23.1%	6 46.2%
55	Bus - Small Business Management	CERT	4	3 75.0%	2 50.0%	0 0.0%	0 0.0%	0 0.0%	1 25.0%	1 25.0%
89	Studio Recording Technology	CERT	22	15 68.2%	10 45.5%	4 18.2%	5 22.7%	9 40.9%	3 13.6%	12 54.5%
70	Surgical Technology	AAS	7	7 100.0%	6 85.7%	1 14.3%	3 42.9%	4 57.1%	0 0.0%	4 57.1%
E6	Teacher Education - Adolescence (Transfer)	AA	4	4 100.0%	3 75.0%	1 25.0%	2 50.0%	3 75.0%	0 0.0%	3 75.0%
E7	Teacher Education - Adolescence (Transfer)	AS	1	0 0.0%	0 0.0%	0 0.0%	1 100.0%	1 100.0%	0 0.0%	1 100.0%
E4	Teacher Education - Childhood (Transfer)	AA	12	10 83.3%	9 75.0%	1 8.3%	8 66.7%	9 75.0%	0 0.0%	9 75.0%
E5	Teacher Education - Childhood (Transfer)	AS	1	0 0.0%	0 0.0%	0 0.0%	1 100.0%	1 100.0%	0 0.0%	1 100.0%
E2	Teacher Education -Early Childhood (Transfer)	AA	16	14 87.5%	15 93.8%	3 18.8%	6 37.5%	9 56.3%	0 0.0%	9 56.3%
E3	Teacher Education -Early Childhood (Transfer)	AS	3	2 66.7%	2 66.7%	0 0.0%	2 66.7%	2 66.7%	0 0.0%	2 66.7%
79	Technical Theatre	AA	3	1 33.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 33.3%	1 33.3%
94	Word Processing	CERT	1	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
00	UNCLASSIFIED		3	2 66.7%	0 0.0%	0 0.0%	2 66.7%	2 66.7%	0 0.0%	2 66.7%

FINANCES

TUITION, FEES AND EXPENSES*

Students who register for 12 or more credits or their equivalent during the fall and spring semesters are considered full-time students and pay full-time tuition and fees. During the summer semester the full-time rate does not apply; charges are based on credits or their equivalent. The tuition and fee schedule, effective with the fall 2010 semester, is subject to change at the discretion of the College. Registration is complete only upon full payment of tuition and fees.

TUITION AND FEE SCHEDULE (PER SEMESTER)			
TUITION:			
New York State Resident	FULL TIME (12 or more credits)	PART TIME Per Credit	NON-CREDIT Per Lecture Hour
Nassau County Resident	\$1,866.00	\$156.00	\$156.00
Out of Nassau County Resident with Certificate (Each academic year, a valid Certificate of Residence must be submitted not earlier than sixty (60) days prior to the beginning of the semester) ¹	\$1,866.00	\$156.00	\$156.00
Out of Nassau County Resident Without Certificate	\$3,732.00	\$312.00	\$312.00
Out of New York State Resident	\$3,732.00	\$312.00	\$312.00
Half (1/2) Credit/Lecture Hour Courses – one half of the above rates.			
Off-Site High School Courses ²		\$53.00	
FEES:			
Activity/Laboratory/ Material Fees: depending upon course, not to exceed	\$100.00		
Technology Fee ³	\$40.00	\$15.00	
Special Course Fee, costs to be determined by contract	Cost to be determined.		
International Student Health Insurance Fee, determined by Underwriter, not to exceed	\$2000.00		
Extracurricular Fee: Full Time, including Student Accident Insurance	\$90.00	\$9.00	\$9.00

NON-REFUNDABLE FEES

NON-REFUNDABLE FEES	
Admissions Application Processing	\$40.00
Late Period Registration ²	\$25.00
Late Period Change of Program ³	\$25.00
Late Period Tuition Payment ⁴	\$25.00
Tuition Payment Plan Participation	\$25.00
Academic Transcript (EACH)	\$5.00
Certificate of Immunization Document	\$5.00

Replacement ID Card	\$3.00
Returned Check Processing	\$20.00
Liability Insurance required for clinical laboratory courses, (PAYABLE ONCE) each academic year, not to exceed	\$250.00
Advanced Standing Nursing Program Evaluation	\$75.00
Graduation Fee payable during semester completing requirements for each Certificate and Degree	\$50.00
Vehicle Registration Fee, each academic year not to exceed	\$45.00
Voluntary Alumni Association Membership	\$50.00
Microsoft Office User Specialist Certificate Fee	\$55.00
Internet Payment Convenience Fee	\$18.00
International Internship Program Fee (per semester)	\$300.00
International Student Dormitory Fee (per semester)	\$100.00

*** TUITION/FEES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE COLLEGE.**

¹ Education Law, Section 6305, provides, "The chief fiscal officer of each county, as defined in Section 2.00 of the local finance law, shall, upon application and submission to him of satisfactory evidence, issue to any person desiring to enroll in a community college as a non-resident student a certificate of residence showing that said person is a resident of said county... Such person shall upon registration for each college year, file with the college such a certificate of residence issued not earlier than two months prior hereto, and such certificate of residence shall be valid for a period of one year from the date of issuance." Education law, section 6301, paragraph 4, defines: "Resident" A person who has resided in the state for a period of at least one year and in the county, city, town, intermediate school district, school district or community college region, as the case may be, for a period of at least six months, both immediately preceding the date of such person's registration in a community college or, for the purpose of section sixty-three hundred five of this article, his/her application for a certificate of residence. In the event that a person qualifies as above for the state residence but has been a resident of two or more counties in the state during the six months immediately preceding his/her application for a certificate of residence pursuant to section sixty-three hundred five of this chapter, the charges to the counties of residence shall be allocated among the several counties proportional to the number of months, or major fraction thereof, of residence in each county.

²Subject to New York State residency requirements; high school students not meeting residency requirements will be charged \$106 per credit.

³Except students registered solely in non-credit Continuing Education, off-campus extension classes, off-site High School programs and International Studies Courses.

⁴The Late Period is designated to be within ten (10) College Business Days before the start of each session.

⁵The Late Period Tuition Payment Fee will be charged for any form of payment which is made on or after the first day of classes.

Students with overdue tuition and fees may be referred to a collection agency and will incur additional liabilities for associated costs and processes.

BOOKS AND SUPPLIES

Students are required to purchase their own books and supplies which are available at the campus bookstore. Approximate annual costs average \$1,400 for a full time student.

Budgeted Expenses

Dependent Student – Tuition and fees, books and supplies, transportation, personal expenses, and board

Independent Student – Tuition and fees, books and supplies, transportation, housing, food, childcare, and personal expenses.

More detailed budget information may be obtained from the Financial Aid Office, Tower 3rd floor.

STUDENT TUITION LIABILITY/REFUND POLICY

Upon written application to the College by a student whose withdrawal from any course had been approved by filing a properly completed Drop/Add Form with the Registrar and verified by Student Financial Affairs, Nassau Community College is authorized to:

A. Calculate the student's tuition liability and applicable refund for a fall or spring semester as follows:

Period of Official

Period of Official Withdrawal	Liability	Refund Percentage
-------------------------------	-----------	-------------------

Prior to First Day	0%	100%
During 1st Week*	25%	75%
During 2nd Week	50%	50%
During 3rd Week	75%	25%
After 3rd Week	100%	0%

* The first week of the semester shall be deemed to start with the first calendar day of the College semester, and shall end on the 7th calendar day of the semester.

B. Tuition Liability During a Mini/Summer Session

**Period of Official Withdrawal	Liability	Refund Percentage
Prior to First Day	0%	100%
During 1st Week	75%	25%
After 2nd Week	100%	0%

** This policy corresponds to the Code of Standards and Procedures for Community Colleges operating under the program of the State University of New York (8 NYCRR 602.11).

Non-attendance in a class, informing the instructor of withdrawal, or stopping payment on a check, does not constitute official withdrawal notification. Students are liable for payment of tuition and fees due up to the date on which the application for withdrawal is officially approved within the refund period. Refunds will be calculated based upon the date of withdrawal as approved by the Registrar and verified by Student Financial Affairs. Students should allow at least six (6) weeks beyond the Liability/Refund Period for refund checks to be received in the mail.

C. Grant a full refund of tuition and fees to any student:

1. Whose course has been canceled by the College and who has processed a Drop/Add, or
2. Who is unable to complete any course because during the semester the student:

- a. Returns to Federal military service, or
- b. Enlists and is accepted into Federal military service, or
- c. Receives a change of student status through action of the Academic Standing Committee

D. A student who is dismissed for academic or disciplinary reasons prior to the end of an academic term shall be liable for all tuition and fees due for that term.

E. To consider a tuition liability/refund appeal procedure: Once the student has officially withdrawn from the College, a student who believes an exception to the College's Refund Policy is justified must submit a written and documented appeal to the President's Refund Committee. Submit all appeals to the Office of Student Financial Affairs, located on the fifth floor of the Tower Building. Exceptional circumstances such as serious illness, disability, pregnancy, or a death in the family, may warrant exceptions to the normal refund policy. The Committee reviews appeals from students on a monthly basis and will notify the student of its decision promptly. All such refund requests must be submitted within ONE YEAR after the end of the term in question.

Nassau Community College Programs & Scholarships

Nassau Community College makes scholarship monies available each year for a variety of programs through the College Foundation Office and administered by the Scholarship and Student Aid Committee of the Academic Senate.

Students are urged to apply for these scholarships by obtaining the proper forms from the Financial Aid Office. For more information go to www.ncc.edu/scholarships.

Scholarships and awards are presented to incoming, returning, or graduating students from funding by members of the College's faculty and staff, by campus groups, and from local donor organizations and individuals.

Applications may be obtained from the Financial Aid Office on the 3rd floor of the Administrative Tower and from the academic department offices, the College Transfer Office in Nassau Hall, and the Nassau Community College Federation of Teachers Office.

Scholarship Search

Many students overlook the opportunity to receive private scholarships as a source of financial assistance. Check with your employer, a parent's employer, or a community organization that assists its local residents. Don't overlook your high school guidance counselor for scholarship information from your hometown and associated organizations. There are scholarship opportunities for both undergraduate and graduate students in all areas of study.

It is never too late to begin your search for scholarships. Apply for as many scholarships as possible. Don't overlook small foundations. Identify your strengths. Keep track of meritorious awards you have received, community volunteer work you have performed, jobs you have held and special interests and hobbies that make you unique.

Disclaimer regarding private scholarship websites

The Office of Financial Aid at Nassau Community College does not endorse or recommend any scholarship service or private scholarship web sites. We encourage you to be cautious about scholarship search organizations which charge a fee. There are many free scholarship search sites available. The scholarship search sites listed here may provide useful information.

Private Scholarship Search Sites:

College Board - www.collegeboard.com
 Collegenet - www.collegenet.com
 FASTWEB - www.fastweb.com
 Federal Money - www.fedmoney.org/0-scholarships.htm
 FinAid - www.finaid.org/scholarships
 InternationalStudent - www.internationalstudent.com
 SNR Express - www.internationalscholarships.com
 Wired Scholar - www.wiredscholar.com

These website addresses will assist you in searching for private scholarship funds. Access to the Internet is available at the campus computer center in the College Library.

GENERAL ELIGIBILITY REQUIREMENTS

Since students must be enrolled in an eligible degree or certificate program in order to be considered for financial aid, all applicants for financial aid must file an application for admission to the College and have all academic records sent to the Office of Admissions. In addition to being in an eligible degree or certificate program, all financial aid applicants must meet the following requirements in order to be considered for aid:

- A. You must be a U.S. citizen or eligible non-citizen.
- B. If you are a male between the ages of 18 through 25, you must be registered with Selective Service. For more information, or to register, go to www.sss.gov.
- C. You must be making satisfactory academic progress for purposes of receiving financial aid and you must be in good academic standing as defined by the College.
- D. You must not owe a repayment on a Federal Pell Grant or a Federal Supplemental Educational Opportunity Grant and must not be in default on a Federal Perkins Loan, Nursing Student Loan, Federal Family Education Loan (Stafford Subsidized or Stafford Unsubsidized), William D. Ford Direct Loan or Federal PLUS/SLS Federal Loan.
- E. You must have a valid Social Security number.
- F. You must show financial need (for campus-based programs and Subsidized Federal Student Loans).
- G. Students who have been convicted under Federal or State law for possession or sale of a controlled substance while enrolled in school and receiving Title IV assistance can be disqualified for financial aid. The student self-certifies when applying for aid that he is eligible; the student is not required to confirm this unless there is conflicting information.

If a student is convicted of an offense involving the possession of an illegal substance, the ineligibility period is:

- First offense = 1 year from the date of conviction
- Second offense = 2 years from the date of conviction
- Third offense = Indefinite period

If a student is convicted of an offense involving the sale of an illegal substance, the ineligibility period is:

- First offense = 2 years from the date of conviction
- Second offense = Indefinite period

A student may regain eligibility by successfully completing a drug rehabilitation program that complies with criteria established by the Department of Education. An eligible drug rehabilitation program:

- Includes two unannounced drug tests; and
- Receives or is qualified to receive funds directly or indirectly under a federal, state, or local government program which must:
 1. Be administered or recognized by a federal, state, or local government agency or court;
 2. Be qualified to receive or currently receiving payment directly or indirectly from a state-licensed insurance company; or
 3. Be administered or recognized by a State-licensed hospital, health clinic, or medical doctor.

Independent Student Status

To be considered an independent student for federal financial aid purposes, a student must meet one of the following criteria: A student must be 24 years old by December 31st of the award year. As of the date you are completing your financial aid application are you married or are you separated but not divorced? Are you currently serving on active duty in the U.S Armed Forces for the purposes other than training? Are you a veteran of the U.S. Armed Forces? Do you have children who will receive more than half of their support from you? Do you have dependents (other than your children or spouse) who live with you and who receive more than half of their support from you? At any time since you turned 13, were both your parents deceased, were you in foster care or were you a ward of the court? Are you or were you an emancipated minor as determined by a court in your state of legal residence? Are you or were you in legal guardianship as determined by a court in your state of legal residence? At any time after July 2009, did your high school or school district homeless liaison determine that you were an unaccompanied youth who was homeless? At any time on or after July 1, 2009, did the director of an emergency shelter or transitional housing program funded

by the U.S. department of Housing and Urban development determine that you were an unaccompanied youth who was homeless? At any time on or after July 1, 2009, did the director of a runaway or homeless youth basic center or transitional living program determine that you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless?

Students are urged to make an appointment to speak to a counselor in the Financial Aid Office if they are considering filing for federal financial aid as an independent student but do not meet the above mentioned federal criteria.

Students applying for the New York State Tuition Assistance Program (TAP) must meet a different set of guidelines to be considered independent. TAP considers students aged 35 or older as automatically independent. Students between 22 and 34 years of age must meet additional requirements for independence as outlined in the TAP application. Students under 22 years of age will normally be considered dependent unless they can fully document their circumstances.

Study Abroad Program

Financial aid is available to students who wish to study abroad. Students enrolled in classes abroad must be certain that these courses are approved for credit at our College and have a completed consortium agreement signed by all appropriate administrators at both the home and visiting institution. Students participating in the study abroad program must meet all the established criteria to receive financial aid.

FINANCIAL AID

The Financial Aid Office is committed to providing financial assistance to students. In addition, the staff assists students and their families in developing financial plans for paying for a valuable investment of an education.

General Information

Financial aid is assistance that the Federal government and New York State offer to eligible students to assist them in meeting educational expenses while attending college. Students who feel they will have a difficult time in meeting the total cost of attending college are encouraged to apply for financial aid. Most financial aid is awarded on the basis of financial need, which is defined as the cost of attendance minus the family's expected contribution (EFC). The College uses the federally mandated need analysis calculation to assess the family's expected contribution toward the cost of education. Financial aid may never exceed financial need.

The cost of education includes the yearly cost for full-time, three-quarter time, half-time and less than half-time tuition, fees, home maintenance living expenses, personal expenses, transportation, books and supplies. The following are estimated college costs at Nassau Community College for 2010-2011.

Dependent Student at Home

Full-time 9 months *

Tuition \$3,732

Fees \$280

Books and Supplies \$1,400

Transportation \$2,122

Personal/Miscellaneous \$2,200

Room and Board \$3,928 **Total** \$13,662

Independent Student Not at Home With/Without Dependents

Full-time - 9 months *

Tuition \$3,732

Fees \$280

Books and Supplies \$1,400

Transportation \$2,122

Personal/Miscellaneous \$2,200

Room and Board \$12,662 **Total** \$22,396

Child Care \$1,200 **Total** \$23,596

* May be subject to change

Once the family's expected contribution is subtracted from the total cost of education, the remainder is the student's financial need. The College will attempt to meet this need by preparing a "Financial Aid Package", which may consist of a combination of grants, loans, and/or employment opportunities.

Rights and Responsibilities

1. All students have the right to apply for both Federal and State financial aid.
2. Students also have the right to question the application process and how their financial aid award was determined. These questions can be directed to both the Federal and State agencies responsible for administering financial aid programs or to the College's Financial Aid Office.
3. It is the student's responsibility to ensure that all items needed to complete the application and award process are completed prior to their last date of attendance for each academic year.
4. If your bill is being held based on estimated financial aid, it is your responsibility to ensure that your application has been fully processed by the Financial Aid Office. Estimated financial aid indicates that you may be eligible to receive enough funding to cover

- all or a portion of your semester bill. A final determination of the exact amount of funding you are eligible to receive will be made once your financial aid application is fully processed. If your aid has been fully processed, you should receive an award letter from our office indicating the amount of aid you are eligible to receive. If in doubt, please contact our office (516) 572-7397.
5. Students who obtain their degree or complete their certificate program at the end of the semester will not be eligible for financial aid in subsequent semesters unless they are enrolled in another degree program.
 6. Students must officially withdraw from classes at the Registrar's Office prior to the first day of the semester in order to avoid a tuition liability.
 7. For students in remedial classes: First-time TAP Grant recipients must be registered for non-remedial courses equal to three (3) credits. Second-time TAP Grant recipients must be registered for non-remedial courses equal to six (6) credits. The remaining classes can be non-credit provided the total enrollment equals full-time status, which is twelve (12) or more credits.
 8. Repeat Courses: Courses in which the student has already received a passing grade cannot be awarded federal and state financial aid included in meeting full-time study requirements for state-sponsored financial aid. Repeat courses may be counted toward full-time study requirements if a failed course is repeated or when a student has received a grade that is passing at the College but is unacceptable in a particular curriculum or area of concentration.
 9. In order to avoid delays in the processing of your financial aid application, be sure that the full name shown on your birth certificate, marriage certificate or alien registration card matches the name that appears on your social security card, your financial aid application and the name on file in the Registrar's Office.
 10. All males between the ages of 18 through 25 must be registered with the Selective Service Administration in order to be eligible to receive Federal financial aid.
 11. When declaring a major, applying for a second degree, and when changing from one area of concentration to another, you must follow the course curriculum as per the College catalog. This may affect your financial aid eligibility. Please check with a financial aid counselor for the implications of these changes. Also, if you do decide to change your area of concentration or apply for a second degree, you must fill out the appropriate forms at the Registrar's office.
 12. Aid for Part-Time Study grant recipients must be enrolled for at least 3 but fewer than 12 credits (3 to 11.5). Students carrying a part-time course load that includes non-credit remedial courses must carry at least three semester hours of credit-bearing work.
 13. Your award is determined by the number of credits for the courses that you are enrolled in at the end of the College's refund period. This is normally at the end of the third week of the semester. If you totally withdraw from your classes, your award may be reduced based upon a federal refund calculation. If you register for more courses than you attended and incur a tuition liability for non-attended courses, financial aid cannot be credited toward that tuition liability. Any cash the College disburses or credits to your account that is determined to be an overpayment because you withdraw, drop out, or are expelled, must be repaid immediately. We must receive correct and complete application data before your last day of enrollment in the school year, to be considered for any aid payments.
 14. You must have an accurate Expected Family Contribution (EFC) in our database when your semester bill is produced. If you fail to have the necessary information in the Financial Aid database by that time, you must make a partial payment on your bill in order for your classes to be held.
 15. To be eligible for the Bookstore Voucher, a Financial Aid application must be accurate and in our database. In addition, any missing documents needed to fully process your application must be error free and submitted to our office. Check the Financial Aid Office for book voucher cut off dates and deadlines. Book voucher amounts are determined based on the fact that your Pell Grant and Supplemental Education Opportunity Grant (S.E.O.G.) exceed your semester's bill by at least \$100.00.

Courses Toward Your Degree

In order to receive Federal and State financial aid, eligible students must follow their degree program requirements. Students cannot be funded with financial aid for courses that do not count toward their degree requirements. The only exception is for non-credit or remedial courses which are part of the student's regular program. Check with your academic advisor to make sure you are enrolled in the correct courses.

Federal Financial Aid (FAFSA)

Step 1: Complete the Free Application for Federal Student Aid (FAFSA)

There are three ways you can complete the FAFSA:

1. Online: Apply online at www.fafsa.ed.gov. It's fast, easy, and efficient. Before you complete the FAFSA, you must request a Personal Identification Number (PIN) at www.pin.ed.gov. If you are a dependent student, your parent will need to request a PIN as well. The PIN will act as your electronic signature.
2. Renewal FAFSA: If you applied for financial aid during the previous academic year, you will be able to complete the Renewal FAFSA online. You can access your Renewal FAFSA online at www.fafsa.ed.gov. However, you will need your PIN. You can request a PIN at <http://www.pin.ed.gov/w.pin.ed.gov> if you do not already have one.
3. Paper Application: Complete a paper application and mail it to the processing agency. You can obtain a paper FAFSA by calling 1-800-433-3243 or by downloading a copy at www.FederalStudentAid.ed.gov

Helpful Tips

1. You must complete a FAFSA each academic year.
2. Do not wait until you have been admitted to the College to apply.

3. You are allowed to complete the FAFSA after January 1st for the next academic year. First time applicants beginning their studies in the January (spring) semester should speak with the financial aid office about correct filing time.
4. On the FAFSA, you must indicate Nassau Community College federal school code, which is 002873.
5. Keep copies of all documents that you used to complete the FAFSA in case your application is selected for federal "verification". More than 30% of applicants must verify the data on their application. Therefore, applicants should be prepared to submit verification documents (including IRS income tax forms) to the Financial Aid Office upon request.

Why should everyone file a "Free Application for Federal Student Aid" (FAFSA)?

Nassau Community College's Financial Aid Office recommends that every student complete a FAFSA because:

- Every student is eligible for some type of financial assistance.
- A FAFSA must be filed in order to receive any type of Federal or State financial aid, including loans.

The Free Application for Federal Student Aid (FAFSA) is an annual document used to collect information for determining need for aid. The information is confidential and is sent only to schools listed by the prospective student. By listing Nassau Community College along with the school code #002873, financial aid information is loaded into the College's database electronically.

After you submit your F.A.F.S.A., you will be notified that your application was processed or if corrections were necessary. The college will receive the information electronically. The information provided on these forms determines the amount of the award(s). All awards are based on financial need and the cost of education.

The Federal Pell Grant, Federal Work-Study Program (F.W.S.) and Federal Direct Loan Program base the amount of the award on enrolled credits. Any change of enrollment during the year can cause the amount of funding to be changed. Copies of Standards of Satisfactory Academic Progress for Title IV (Federal) aid are available in the Financial Aid Office and are included in this section of the catalog.

Disbursement of Financial Aid

Federal Grant Funds: Federal grant funds are first credited to students' accounts if they have any outstanding tuition and fee liability. Excess money is then sent directly to the student to reimburse him/her for education-related expenses that have been incurred. Excess federal funds are normally disbursed to the student after attendance is confirmed.

Federal Direct Loan Funds

Direct Stafford subsidized and unsubsidized loan funds are sent directly to the College. Once the student's eligibility is recertified, money is disbursed. If the student owes any tuition and fee liability to the College, loan funds are generally the first source of funding used to credit the account. This is done as the loan funds become available.

Refund Policy for Federal Financial Aid Recipients

If a student totally withdraws from the College for a particular semester and was a federal financial aid recipient, the student is entitled to receive funding based on the percentage of the payment period (semester) that the student completed.

If the student completes more than 60.01% of the period, he or she earned 100% of the aid for that period of enrollment.

If the student completes 60% or less of the period of enrollment, the percentage of the period completed is the percentage of aid earned and eligible to receive. Any aid that is unearned as a result of totally withdrawing from the College at the 60% or less point of the semester must be returned to the Department of Education.

This policy applies to all students receiving federal aid during the fall, spring or summer semesters.

Academic Competitiveness Grant

This grant is awarded to first- and second-year students.

First-year students must be enrolled at least half time, be U.S. citizens or eligible non-citizens and Pell Grant eligible. Students must be enrolled in a degree-granting under-graduate program after July 1, 2006. Students must have successfully completed a rigorous secondary program established by a state or local educational agency that is recognized as rigorous by the Secretary of Education. The first-year award is \$750.

Second year students must be enrolled at least half time, be U.S. citizens or eligible non-citizens, Pell Grant eligible, have completed a rigorous secondary school program after July 1, 2006, and have at least a 3.0 grade point average at the end of their first academic year. The second-year award is \$1,300.

Federal Supplemental Educational Opportunity Grants (FSEOG)

These grants are for students of exceptional financial need who otherwise would be unable to continue their education. Priority is given to Federal Pell Grant recipients. The grants range from \$150 to \$300 each year. All applicants are reviewed for FSEOG eligibility. Funds provided by the government for this program are limited.

Nursing Student Loan (NSL)

This program is limited to Nursing students. Terms are similar to the Perkins Loan. Students must demonstrate financial need to be considered for this loan.

Federal Work-Study (FWS)

This is a federally funded, need-based program of part-time employment. It is possible to earn up to \$3,350 per academic year on campus or off campus while earning a degree. Applicants who indicate interest in work on the Free Application for Federal Student Aid (FAFSA) are reviewed for FWS eligibility.

Students seeking other part-time or full-time employment both on and off campus should review “Job Placement” in the Student Services section of this catalog.

Federal Loan Program

In order to apply for these loans, a student must first complete the Federal Financial Aid Application process.

Federal Stafford Loans - there are two types of Stafford Loans: subsidized and unsubsidized loans. The interest rate for the subsidized Stafford Loan is 5.6%*. The interest rate for the unsubsidized Stafford Loan 6.8%*.

*This rate is subject to change.

Subsidized Stafford Loans are based upon financial need. The government pays the interest on these loans as long as the student is enrolled at least half-time. Repayment of the loan, with interest, is due beginning six months after the student is no longer enrolled, or is less than a half-time student. A loan origination fee and insurance fee are charged at the onset of the loan.

Unsubsidized Stafford Loans are similar to the subsidized loans, except that they are not need-based and interest on these loans begins to accrue within 30 days after disbursement. Interest can be deferred.

Federal Parent Loans for Undergraduate Students (PLUS) are limited to the parents of dependent students.

Currently, the maximum PLUS loan is the cost of education minus other financial aid per year, at an interest rate that varies based on the year the loan is received. An insurance fee is withheld when the loan is disbursed.

Loan borrowers must indicate on their FAFSA that they are interested in taking out a loan and sign a loan promissory note.

All first-time borrowers must complete the federally mandated loan-entrance interview counseling session prior to loan funds being disbursed. Loan interviews can be completed in person at the Financial Aid Office or online at www.studentloans.gov. Once a student drops below six credits or ceases to attend the College, he/she is required to attend a loan-exit interview counseling session. For more information, go to www.studentloans.gov

Federal Pell Grants

A Federal Pell Grant is an undergraduate student award which does not have to be paid back. Eligibility for this program is based upon a standard formula established by Congress. To apply for a Federal Pell Grant, a student must complete the application process using the Free Application Form for Federal Student Aid. These grants currently range between \$555 to \$5,550 per year.

Federal Perkins Loan

This program provides low-interest, long-term, deferred loans which are interest-free until nine months after the borrower ceases to carry at least six credits. An interest rate of 5% annually is applied on the unpaid balance and payments are made quarterly. Applicants who indicate interest in a loan and have exceptional financial need are reviewed for Perkins Loan eligibility. Priority is given to Federal Pell Grant recipients. Funds provided by the government for this program are limited.

Satisfactory Academic Progress

There are three elements of satisfactory academic progress that all financial aid recipients must achieve in order to receive

Federal Title IV financial aid:

1. A qualitative measure of academic progress which is calculated using the student's grade point average;
2. A quantitative measure which uses an “attempted to earn credit ratio”;
3. A maximum time frame in which students are expected to finish their program.

The maximum time frame may not exceed 150% of the published length of the program measured in credit hours attempted.

These requirements may be waived if the student submits to the Financial Aid Office a written request for such waiver. Supporting documentation detailing mitigating circumstances to justify the waiver must accompany all waiver requests.

The waiver is not automatic; it requires a judgment by a professional staff member of the Financial Aid Office that the student's failure to meet the academic progress standards was due to a documented unusual situation (e.g. medical, death in the family, etc.). The waiver process is not considered an entitlement, but is issued in accordance with an individual student's circumstances. Note that grades of “W”, “F” or “U” are not

considered satisfactory completion for federal financial aid purposes. Financial aid applicants who fall below the standards listed (see academic progress chart) will be notified in writing. To continue to receive financial aid, students must maintain the standards of satisfactory progress. See following chart.

NASSAU COMMUNITY COLLEGE FEDERAL TITLE IV SATISFACTORY ACADEMIC PROGRESS STANDARDS

Total Credits Attempted* Associate Degree/ Certificate Programs	Total Credits Completed**	Certificate Programs
1-13	0	3
14-18	3	6
19-24	6	9
25-30	9	14
31-35	12	18
36-40	15	24
41-45	48	30
46-50	21	34
51-55	24	38
56-60	27	42
61-65	32	46
66-70	37	50
71-75	42	55
76-80	47	60
81-85	52	64
86-90	57	68
91-95	62	71
96-100	67	
101-105	72	
106-110	76	
111-115	80	
116-120	84	
121-125	88	
126-130	92	
131-135	96	
136-140	100	
141-145	105	
146-150	110	
151-155	115	
156-160	120	
161-165	125	
* Total Attempted Credits include "W" (Withdrawal) and "I" (Incomplete) grades, "F" (failed), repeated courses, and appropriate chargeable credits for each 000 series non-credit course.		
** Total Credits Completed with Passing Grade include appropriate chargeable credits for each "S" (Satisfactory) grade.		

GPA Standards

Total Attempted Credits*	Required Cumulative Grade Point Average
1-14	1.7

15-29	1.8
30-47	1.9
48+	2.0
*as defined by Registrar	

Veterans Benefits

Information and certification of Veterans Administration benefits may be obtained at the Office of the Registrar.

Veterans of the armed services and children of deceased veterans are eligible for benefits. Upon presentation of authorization from the Veterans Administration, the College will certify enrollment.

The government pays allowances directly to veterans or children of deceased veterans. The Veteran's Administration will pay tuition and fees directly to the College for Veterans qualifying for the Post 9/11 GI Bill.

Staff representatives are available in the Office of the Registrar to provide claims processing services necessary to receive veteran's educational benefits. Certain veterans benefits must be considered resources when packaging campus-based funds. However, the same benefits are now excluded from the definition of estimated financial assistance used to determine subsidized Stafford Loan amounts under the FFEL and Direct Loan programs.

State Financial Aid (TAP/APTS)

Students interested in applying for financial aid sponsored by New York State will also have to apply by completing a New York State Tuition Assistance Program (TAP) application, if they intend to enroll as full-time students, or by completing the New York State Aid for Part-Time Study application (APTS), if they intend to enroll as part-time students. For more information, go to www.hesc.com and www.tapweb.org.

The TAP Grant is administered by the Higher Education Services Corporation (H.E.S.C.)

To start the TAP application process you must complete and submit the Free Application for Federal Student Aid (FAFSA) electronically at www.fafsa.ed.gov. New York State will use FAFSA information as part of your application for TAP. If you apply using FAFSA-on-the-Web, you will be able to link to your online TAP application at the end of the FAFSA session.

You will be asked to establish a PIN (Personal Identification Number) for TAP. The TAP PIN will allow you to complete your application, keep track of your application information, or make changes later. After establishing your PIN, you will be able to complete your TAP application online. Information from your FAFSA and your family's calculated New York State net taxable income will be pre-filled on your TAP-on-the-Web application. Follow the instructions provided.

If you choose not to apply online, HESC will mail you an Express TAP Application (ETA). Information from your FAFSA and your family's calculated New York State net taxable income will be preprinted on your ETA. Review this information, change any incorrect items, complete any missing items, then SIGN AND MAIL THE FORM USING THE RETURN ENVELOPE.

If you have previously received TAP and your information remains the same, you may only have to file a FAFSA to receive an award.

If you provide an e-mail address on your FAFSA, HESC will use that address to contact you about your TAP application, give you processing updates, or award information. Please respond to any requests or instructions sent by HESC. If you have submitted applications, you can check the status of your TAP at any time.

The TAP application deadline is June 30, 2011 of the academic year for which aid is sought.

Graduates Of High Schools Outside Of The United States

Students first receiving state aid in 2006-07 who do not have a certificate of graduation from a recognized school within the United States providing secondary education (a high school diploma or recognized equivalent), must obtain a "passing score on a federally approved ability-to-benefit (ATB) test that has been independently administered and evaluated as defined by the Commissioner of the State Education Department" in order to receive New York State funded grants or scholarships, including Tuition Assistance Program (TAP) awards and the Aid for Part-Time Study Grant. The placement test used by NCC for incoming students, Accuplacer, is a federally approved ATB test.

You must take the ATB test prior to the end of the college's add/drop period. To schedule an Ability to Benefit test contact the Placement Testing Office at 516-572-9604 or placementtesting@ncc.edu. Questions regarding financial aid can be e-mailed to financialaid@ncc.edu.

Aid for Part Time Study (APTS)

Part-time students enrolled in 3 to 11.5 credits are eligible to apply for this award. APTS is subject to allocations from New York State. To receive APTS, you must complete both the Free Application for Student Aid (FAFSA) and the Aid for Part-Time Study applications. To remain eligible for APTS, students must maintain academic progress as defined by New York State. Check the Financial Aid Office for filing deadlines and additional eligibility criteria.

Tuition Assistance Program (TAP)

Full-time matriculated students who are U.S. citizens or eligible non-citizens requesting state assistance may apply for the Tuition Assistance Program. This program currently provides awards of \$500 to \$4,000 per academic year, based upon the family's New York State net taxable income and the amount of tuition. State Education Department regulations require students applying for the Tuition Assistance Program to meet the minimum standards for satisfactory academic progress, as listed in this catalog, in order to continue their eligibility for assistance. Students not complying with these standards, which are not the same as the College's established standards for satisfactory progress, will have their awards suspended. Their eligibility will be reestablished only after they have successfully met the state's academic progress and pursuit standards.

In addition, students must complete a percentage of the full-time course load (12 credits) each semester of eligibility. They must receive a grade—either passing or failing—in 50% of their courses each semester of their first year, 75% in their second year, and 100% in their third year.

Students who do not meet the above criteria and who have documented medical, psychological, and/or personal problems may seek a one-time waiver from the Financial Aid Office.

Students enrolled in a two-year program cannot receive more than three (3) years of TAP payments.

Students enrolling for their first term of college and who are taking remedial courses must register for at least one six (6) credit level class.

Second semester students receiving TAP and taking remedial classes must register for at least nine (9) credits.

Part-Time TAP

Part-time undergraduate students at approved institutions in New York State who were first-time, full-time freshmen in academic year 2006-07 or thereafter, may be eligible for Part-time TAP to help pay for college beginning in the summer of 2007. Students who have attended college and/or received TAP prior to academic year 2006-07 are ineligible.

Part-time TAP is an entitlement program that uses up TAP eligibility (a maximum of 48 points for four years of full-time or eight years of part-time undergraduate study or 60 points for students enrolled in approved five-year programs).

In addition to the general eligibility, students must:

- Be matriculated;
- Be enrolled for at least 6 but fewer than 12 semester hour credits or the equivalent;
- Have earned 12 credits in each of two consecutive prior semesters (credits from New York State not-for-profit institutions only); a full-time summer term can be used to meet the prior study requirement;
- Maintain a "C" average and meet good academic standing requirements;
- Meet income eligibility limitations (income limits are the same as for TAP).

A student must meet the 24-semester credit prior study requirement only once to be eligible for Part-time TAP.

Academic Progress for New York State TAP Recipients

In addition to meeting the requirements for Title IV satisfactory progress, students must also meet standards of satisfactory academic progress and pursuit for state aid programs. There are three elements of satisfactory academic progress that all financial aid recipients must achieve in order to receive financial aid from the New York State sponsored Tuition Assistance Program (TAP):

1. Students must accrue a specific number of credits based upon the total number of TAP payments received.
2. Students must achieve a minimum grade point average based on the total number of TAP payments received.
3. Students must complete a designated number of credits in the prior semester they received TAP, based on the number of TAP payments received. See chart below.

REQUIREMENTS FOR STATE ACADEMIC PROGRESS AND PURSUIT. PAYMENTS OR SEMESTERS (SEMESTER)

Before being certified for this payment	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
Student must have accrued at least this many credits	0	6	15	30	45	60
With at least this grade point average	0	1.5	1.8	1.3	2.0	2.0
Number of credits student must have also completed in	0	6	6	9	9	12

the prior semesters they received tap						
	CREDITS	CREDITS	CREDITS	CREDITS	CREDITS	CREDITS

Note: Students enrolled in a two-year program cannot receive more than three (3) years of TAP

Dates to Remember

Months To Remember

- January 2011 - Completed FAFSAs may be mailed to federal processor or completed on-line. Spring semester begins.
- April 2011 - Deadline to submit the summer Federal Work- Study request forms to the Financial Aid Office.
- June 2011 - Last month to file state and federal aid applications for prior academic year
- September 2011 - Fall semester begins.
- October 2011 - Priority deadline for campus based aid for spring students.

Award Notification

All students eligible for financial aid which includes the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Academic Competitiveness Grant (ACG), Federal Work-Study, Subsidized/Unsubsidized Loans, TAP, and APTS will be sent an award letter indicating the amounts the student is eligible to receive. Those students eligible for a Federal Perkins Loan or Nursing Student Loan will also receive an award letter with the loan amount indicated on the letter.

The New York State Tuition Assistance Program (TAP) also sends an award notification directly to the student from the New York State Higher Education Services Corporation.

Financial Aid Deadlines

All students who wish to be considered for financial aid for the fall semester should file their applications by **May 30th**.

Students who want to be considered for financial aid for only the spring semester should file their applications by **October 1st**. By filing on or before these deadlines, depending on eligibility, you may be considered for federal campus-based aid, which includes the Federal Supplemental Educational Opportunity Grant (FSEOG), the Federal Work-Study Grant, the Federal Perkins Loan, and Nursing Student Loan funds.

The College will not process a student’s application for financial aid until all requested items to complete the file are submitted. All awards are based on the availability of funds.

Frequency Of Filing For Financial Aid

Students are required to file the Free Application for Federal Student Aid (FAFSA) annually and the Tuition Assistance Program (TAP) as well in order to be considered for financial aid. Due to the fact that a student’s financial situation may change, financial aid awards are not automatically renewed each year.

The Aid for Part-Time Study (APTS) application can be obtained at the College’s Financial Aid Office. This must also be filed annually.

ACADEMIC INFORMATION

The Office of the Vice President for Academic Affairs is responsible for the implementation, interpretation of, and compliance with all academic regulations.

The Office of the Registrar is responsible for the registration of students, evaluation of transfer credits once a student is in attendance, and maintenance of all academic records. Official certifications regarding student records are provided as required. Students should contact the Office of the Registrar for information, rather than rely on unofficial sources. The Office of the Registrar is located on the lower level of the Administrative Tower.

General Education at Nassau Community College

General Education at NCC is a set of specified categories of courses that contribute to the development of an educated person: one who thinks clearly, communicates effectively, makes informed and thoughtful judgments, distinguishes among sets of values, displays an appreciation for learning, and applies knowledge to the understanding of the human experience.

At NCC, General Education is achieved by the completion of a distribution of courses designed to enable students to:

1. Read and listen effectively;
2. Speak and write clearly and persuasively;
3. Think critically and creatively;
4. Understand scientific methodology; reason quantitatively, and function in a technological environment;
5. Develop personal, social, and aesthetic values through an understanding of culture, nature, self and society;
6. Develop an understanding of and appreciation for behaviors that promote the good health of body and mind;

7. Develop literacy and appreciation in the visual and performing arts.

The selection of General Education courses depends on the curriculum requirements for a degree. These courses are grouped within the following categories and are designated in the Course Descriptions section of this catalog with the corresponding codes. The complete list of courses is available on campus at the Academic Advisement Center and on the Advisement Center's website at www.ncc.edu. Each course viewed on Banner Self-Serve is also individually coded. Only those courses on the approved lists will satisfy the Nassau Community College general education requirements.

Communication Arts [COM]
 English Composition [COMP]
 Fine and Performing Arts [FAPA] Humanities [HUM]
 Literature [LIT]
 Mathematics [MATH] /Computer Science [CMPS]
 Natural and Physical Sciences
 Laboratory Science [LSCI] /Non-laboratory science [NSCI]
 Physical Education [PED]
 Social Science [SBS]

Culture and Diversity which include

Western Heritage [WESH]
 Global Awareness and Non-Western Cultures [GLNW], and Pluralism and Diversity [PLDI]

Interdisciplinary Courses: In recognition of the commonalities and interrelatedness among academic disciplines, general education categories contain several interdisciplinary course offerings that satisfy the requirements.

Communication Arts:

Communication Arts courses teach oral communication skills necessary to participate effectively in public and academic debates and discussions, prepare and present researched material, and formulate valid arguments, and prepare students for successful interpersonal interaction in the academic, social, and professional realms. These courses are designated with the code COM and may be selected from the courses of the Communications Department [COM 101, COM 102, COM 103, COM 123, COM 202 only].

English Composition:

English Composition courses are designed to give students a critical awareness of written language. They enable students to produce clear, well-developed, well-organized grammatical writing and to interpret and analyze texts of various genres. These courses are designated with the code COMP and must be selected from the courses of the English Department [ENG 101, ENG 102, ENG 108, ENG 109 only].

Fine and Performing Arts:

Courses in Fine and Performing Arts develop aesthetic awareness by introducing students to the processes by which artists create, perform and/or evaluate works of art. They foster self-expression, understanding, and an appreciation of the arts within an historical, cultural, theoretical and critical context. These courses are designated with the code FAPA and may be selected from the courses in several departments as denoted in the Course Descriptions section of the catalog.

Humanities:

Humanities courses teach students to analyze and interpret texts, ideas, discourse systems, and the human values, traditions, and beliefs they reflect. These courses are designated with the code HUM and must be selected from the courses of the following departments: African American Studies [AFR 130, AFR 131, AFR 152, AFR 155, AFR 170, AFR 190, AFR 197 only], Art, Communications, English, Foreign Languages, Interdisciplinary Studies [MDC 102, MDC 130 only], Library, Music, Philosophy, Reading, Theatre/Dance.

Literature:

Literature courses focus on the study of written works produced or translated into English that embody the creative use of language for artistic or stylistic purposes. They express ideas of permanent or universal significance. These courses are designated with the code LIT and may be selected from the courses in several departments as denoted in the Course Descriptions section of the catalog.

Mathematics:

Courses that satisfy this requirement use mathematical or computer science models that employ numerical, verbal, graphical and analytical tools to strengthen quantitative skills and logical reasoning and enable students to address other disciplines. These courses are designated with the code MATH and must be selected from the courses of the Mathematics/Computer Science/Information Technology Department. One computer science course with the code CMPS [CSC 104, CSC 120 or CSC 130 only] may be used to satisfy the second mathematics course requirement in specified degrees.

Natural and Physical Sciences:

Natural and Physical Science courses explore how phenomena are observed, understood and theoretically synthesized through study and the application of the scientific method. They provide students with an understanding of scientific terms, concepts, and theories as well as the ability to test hypotheses in the laboratory. Study in the sciences helps students develop scientific literacy necessary to understand an increasingly complex world. One non-laboratory science course may be used to satisfy the second science course requirement in specified degrees. These courses are designated with the code LSCI (laboratory science) or NSCI (non-laboratory science) and must be selected from the courses of the following departments: Biology, Chemistry, Engineering/Physics/Technology, Physical Sciences, General Science Studies, Multidisciplinary Science, Allied Health Sciences [AHS 131, AHS 132 only].

Physical Education:

Physical Education courses develop cardiovascular and neuro- muscular skill, strength, endurance, flexibility and fitness. They emphasize improved overall conditioning as well as skills in team, individual, and leisure activities. These courses are designated with the code PED and must be selected from the courses of the following departments: Health/Physical Education/Recreation, Theatre/Dance [DAN 126 only].

In all degree programs requiring physical education activities courses, full-time day students (12 credits or more in the day session) must take 1/2 credit of physical education activities for each full-time semester of attendance, to a maximum of 2 credits. The following are exempt from this requirement:

1. Veterans
2. Students over 25 at first date of attendance
3. Students over 30 at date of graduation.

Social Science:

Social Science courses investigate behavior in social contexts through analysis of the characteristics and structure of individuals, families, groups and institutions. They provide an understanding of the concepts, methods and models that social scientists use to explore social phenomena. History courses explore institutions and developments that have shaped human experience while providing a familiarity with the historical narrative. These courses are designated with the code SBS and must be selected from the courses of the following departments: African American Studies [AFR history classes and AFR 185 only], Economics/Finance, History/Political Science/Geography, Interdisciplinary Global Studies, Psychology, Sociology/ Anthropology/Social Work .

Culture and Diversity:

This includes the three subcategories of Western Heritage, Global Awareness and Non-Western Cultures, and Pluralism and Diversity. Appropriate courses in other categories may be used to satisfy requirements in any of these three subcategories.

Western Heritage:

Western Heritage courses reflect the distinctive characteristics of western heritage presented in a broad context. They acquaint students with the evolution of western culture and values and relate them to other regions and cultures. These courses are designated with the code WESH and may be selected from the courses in several departments as denoted in the Course Descriptions section of the catalog.

Global Awareness and Non-Western Cultures:

Courses in Global Awareness and Non-Western Cultures examine and foster an appreciation of cultural traditions other than European and North American. They enhance recognition of the diversity and similarities of the ways in which people in different cultural traditions perceive and experience their lives. These courses are designated with the code GLNW and may be selected from the courses in several departments as denoted in the Course Descriptions section of the catalog.

Pluralism and Diversity:

Courses in Pluralism and Diversity expand understanding of the various influences that shape perspectives, values, and identities. They explore social divisions such as gender, ethnicity and racial formations in a pluralistic nation and world. These courses are designated with the code PLDI and may be selected from the courses in several departments as denoted in the Course Descriptions section of the catalog.

General Education for Bachelor's Degree at State University of New York (SUNY)

Students considering or planning to transfer to a SUNY four year college or university to complete the bachelor's degree should select their general education courses to fulfill the Nassau Community College requirements for such courses as listed above, as well as the SUNY General Education Requirements listed below. In most cases a course satisfying the NCC requirement will also satisfy a similar SUNY requirement.

These courses are grouped within the following SUNY categories and are designated in the Course Descriptions section of this catalog with the corresponding codes. The complete list of courses is available on campus at the Academic Advisement Center or on the Advisement Center's website at www.ncc.edu. Although these categories may not be specifically required for a degree at Nassau Community College, the fulfillment of at least seven of the following ten categories will facilitate the transfer process to a SUNY four year college or university, which requires 30 credits of these general education courses from a minimum of seven different categories to earn a four year degree.

Mathematics [GMAT]
 Natural Sciences [GLAB]
 Social Sciences [GSBS]
 Humanities [GHUM]
 Basic Communication [GBCM]
 Western Civilization [GWEH]
 Other World Civilizations [GOWC]
 American History [GAMH]
 Foreign Language [GFOL]
 The Arts [GART]

Grade Grievance Policy

Students who believe that there has been a violation of a specific policy or procedure as stated in either the NCC Catalog or the grieved instructor's course syllabus that adversely affected their grade in a particular course may appeal their grade, if they do so before the appropriate deadline (see the section on deadlines below).

At each step of the process described below, a student must submit a detailed written argument explaining why his/her grade grievance should be upheld.

Grievances must be pursued in the following manner until satisfaction is obtained, a grievance is dismissed, or a decision is reached. The grieved instructor may initiate a grade change at any point in the procedure.

Step 1: With the grieved instructor who issued the grade.

Step 2: With the grieved instructor's department chairperson (and with any members of Department Personnel and Budget [P&B] Committee that the chair wishes to include).

Step 3: With the grieved instructor's department chairperson and Academic Standing Committee Chair.

If the grieved instructor's department chair (or his/her designee in the case of recusal) and the Academic Standing Committee Chair (or the next ranking member of the Committee in the case of recusal), unanimously conclude that there is no evidence of a possible violation of a specific policy or procedure as stated in either the NCC Catalog or in the grieved instructor's course syllabus that adversely affected the student's grade in a particular course, then the grievance will be dismissed without a further hearing. The student will be informed of the final decision to dismiss the grade grievance. In all other cases, the department chair and the Academic Standing Committee Chair will form an Ad Hoc Committee to hear the student's grievance.

The Ad Hoc Committee will be a joint committee consisting of three (3) members from the concerned department's P&B Committee, three (3) faculty members from the Academic Standing Committee, and one (1) student representative from the Student Government Association. There will be co-chairs of the Ad Hoc Committee, one (1) member of the P&B Committee and one (1) member of the Academic Standing Committee. After a hearing, the Ad Hoc Committee will deliberate and vote on the student's grade grievance. A student's grade grievance will be upheld if two-thirds (2/3) of the P&B Committee members and two-thirds (2/3) faculty members from the Academic Standing Committee find in favor of the student. The Ad Hoc Committee will not re-evaluate a student's work in deciding a grade grievance. The student's grade can be adjusted only if there has been a violation of a specific policy or procedure as stated in either the NCC Catalog or the grieved instructor's own course syllabus that adversely affected a student's grade. In cases where the student's grade grievance has been upheld, then the P&B members of the Ad Hoc Committee (in consultation with the other members of the Ad Hoc Committee) will decide what grade to award the student, using the grieved faculty member's grading policy for that specific class, if at all possible.

The Ad Hoc Committee's decision will be binding.

Civil Rights Violations

It is not the function of the Ad Hoc Committee to evaluate claims of civil rights violations. If the basis of a student's grade grievance is that their civil rights have been violated, the Ad Hoc Committee will not hear the grade grievance until the appropriate officials at NCC have investigated the student's allegation(s) and a finding has been offered through the College's official civil rights policy.

Deadlines

For a grade received during the Fall semester or Winter Intersession, the student must file the grievance (Step 1) before the end of the fifth week of the following Spring semester. For a grade received during the Spring semester or Summer sessions, the student must file the grievance before the end of the fifth week of the following Fall semester. Grade grievance forms may be obtained in the Office of Academic Affairs, 361 Rice Circle, or at the various academic department main offices. The grieved instructor and/or chair must hold the appropriate discussion or hearing within two (2) weeks after his/her receipt of such a grievance or the grievant is permitted to proceed to the next step in the policy. Failure by students to appeal a decision to the next step of the process within one (1) week of their receipt of the grade grievance shall terminate the grievance.

Instructor Absence

The Academic Standing Committee has established procedures for the conduct of a grade grievance in situations where the grieved instructor of record is unavailable or unreachable. Students are advised to consult the department chairperson for appropriate procedures in the event of such a circumstance.

Degrees and Certificates Defined

The following descriptions of the three degree and certificate programs offered by the College are for comparative purposes only. In planning a program of study, students are to be guided by the academic programs presented in the section "Programs of Study" and select their courses in consultation with an advisor.

Associate In Arts (AA)

This degree is primarily for transfer programs which lead to the Bachelor of Arts degree. The curriculum is composed largely of courses in the liberal arts and sciences.

Associate In Science (AS)

This degree may be used for certain occupationally-oriented curricula, but is primarily for transfer programs which lead to the Bachelor of Science degree. The curricula are composed largely of courses in their respective disciplines.

Associate In Applied Science (AAS)

This degree is primarily for occupationally oriented curricula, but may at times be appropriate as a transfer degree to certain types of specialized Baccalaureate programs.

Certificates

A Certificate is a credential registered by the State Education Department and issued by the College in recognition of the completion of a curriculum other than one leading to a degree. A Certificate program can be completed in a shorter time than the Associate degree program — sometimes in less than a year. Designed for those eager to enter the work force, Certificate programs at the College offer career preparation in several different areas. Another advantage of the Certificate program is that most of the credits earned may be applied to a related Associate degree program. Students attend the same classes as degree candidates and are graded on the same basis.

Grading System

Percentage Equivalent	Grade	Quality of Achievement	Quality Points
90-100%	A	Excellent	4.0
85-89	B+		3.5
80-84	B	Very Good	3.0
75-79	C+		2.5
70-74	C	Average	2.0
65-69	D+		1.5
60-64	D	Minimum Passing	1.0
	F	Failure	0
	INC	Incomplete	-
	W	Withdrawal	-
	NG	No-Grade Audit	-
	S	Satisfactory	-
	U	Unsatisfactory	-

Grade Point Average

In compiling a student's grade point average, the following factors must also be taken into consideration:

1. When transfer credit is awarded, the transfer grade is not computed in the grade point average.
2. If a student officially changes his/her program of study, an evaluation will be made by the new department chairperson to determine whether grades and credits in courses formerly required, but not required in the new curriculum, will be computed in the grade point average. If a student has attempted fewer than 40 credits at Nassau Community College, certain courses required in the former area and not required in the new area will not be calculated in the student's average or included as credit toward the student's degree.
3. When a student repeats a course, both the initial grade and the repeat grade appear on the transcript. However, only the last completion mark (A-F but not including "W", "INC," or "NA") will be included in the grade point average.

Incomplete Grades

Grades of Incomplete ("INC") may be assigned to those students who, for some valid reason, have not satisfied all academic requirements for the course but have a reasonable expectation of completing the required work. While a request for an incomplete grade should be initiated by the student, it is assigned at the discretion of the instructor. It is the student's responsibility to contact the instructor of the course to determine the nature of the work required to complete the course and thus remove the grade of Incomplete. A grade of Incomplete shall carry no immediate penalty, but grades of Incomplete not removed by the end of the following 15-week semester will automatically be changed to an "F." In extenuating circumstances, the instructor may petition the Vice President for Academic Affairs to extend the time for making up the Incomplete "INC" grade. A request for an extension must be submitted to the instructor by the student prior to the end of the following 15-week extension. A grade of Incomplete may not be changed to a W (Withdrawal) without medical or other documented evidence. This evidence must authenticate the student's inability to complete the course requirements.

Withdrawal Grades

A student who intends to withdraw from a course must officially withdraw by filing a completed Drop/Add Form with the Office of the Registrar.

During the fall and spring semesters, the need for a faculty signature on the form is governed by the following regulations.

Before the end of the third week of classes, during the refund period, the form can be submitted directly to the Registrar. No instructor signature is required. No grade will appear on the transcript. (See the Student Tuition Liability/Refund Policy Section of the catalog.)

From the beginning of the fourth week and up to the end of the ninth week of classes, the instructor's signature is required on the Drop/Add Form. The signature indicates that the student has met with the instructor and discussed the withdrawal. A grade of W will appear on the transcript. The instructor may not refuse to sign the Drop/Add form. If the instructor is unavailable, the department chairperson may sign the form. After the end of the ninth week of classes, the instructor's signature is required and the faculty member will assign a grade of W. During this period, the signature is given only at the discretion of the instructor.

During the Summer Sessions and Mini-Sessions, the need for a faculty signature on the form is governed by the following regulations.

During the refund period, the form can be submitted directly to the Registrar. No instructor signature is required. No grade will appear on the transcript. (See the Student Tuition Liability/ Refund Policy Section of the catalog.)

From the end of the refund period to a point representing approximately 60% of that semester, the instructor's signature is required and indicates that the student has met with the instructor and discussed the withdrawal. A grade of W will appear on the transcript. The instructor may not refuse to sign the Drop/Add form. If the instructor is unavailable, the department chairperson may sign the form.

Beyond that point, the instructor's signature is required and the faculty member will assign a grade of W. During this period, the signature is only given at the discretion of the instructor.

Students should file the completed Drop/Add form in person at the Office of the Registrar. The official withdrawal date is the date that the completed form bearing the instructor's signature is processed and certified by the Office of the Registrar, not the date the form is signed by the instructor. If a Drop/Add Form is not filed, a W grade can be assigned only at the discretion of the instructor. Instructors can also assign a grade of F if the student does not successfully complete the course. An incomplete grade I is governed by the regulations specified in the above section.

W grades are not calculated in the grade point average, but can impact academic standing as described in the Academic Standing section of the catalog. In case of extenuating circumstance, such as a medical or personal emergency, a student should apply to the Office of the Dean of Students to request that the W grade not affect academic standing. That application should be made at the time of the withdrawal from the course(s).

As stated in the catalog section on Academic Progress Requirements for Students Placed into Remedial/ESL Courses, students can withdraw from these courses only if they are officially withdrawing from all courses for the semester in response to extenuating circumstances, such as a medical or personal emergency. In such cases, students should apply to the Office of the Dean as outlined in the above paragraph.

Before withdrawing from courses, students should consult with an advisor or a Student Personnel Services counselor and **consider the impact of the W grades on their financial aid and health insurance eligibility**. Students who wish to withdraw from nine or more credits is required to obtain the signature of a Student Personnel Services counselor.

Change of Grade

Ordinarily, all letter grades are considered permanent ("INC" is not considered a letter grade). Changes of these grades will be made only upon the instructor's submission of clearly defined reason(s) or documentation which supports the justification for such an extraordinary change. "W" grades earned via the official withdrawal procedure will not be changed under any circumstances.

Changes of Incomplete ("INC") grades must be processed by the end of the next regular semester. All changes of grades (other than INC) must be processed within one year of the end of the semester involved unless demonstrated to be a result of clerical or computational error.

Changes of grade are initiated by the instructor issuing the appropriate Change of Grade form under the following conditions:

1. Documented computational or clerical error in recording the grade
2. Removal of an Incomplete ("INC") upon satisfactory completion of course requirement(s), (an Incomplete must be completed by the end of the next regular semester or it will change to an "F")
3. Reassessment of student performance (subjective evaluation) subsequent to grade issuance
4. Grade changes must be approved by the department chairperson before any official record adjustments can be made by the Office of the Registrar.

Dean's Honor List

After the completion of each fall and spring semester, outstanding scholastic achievement is recognized through the compilation of the Dean's Honor List. This Honor is noted on the student's permanent transcript of record.

To qualify, full-time students must have completed a minimum of 12 hours of credit per semester in residence and have attained a 3.5 semester average or higher, with no grades of Withdrawal ("W"), Failure ("F"), Unsatisfactory ("U"), or Incomplete ("INC"). Further, it is important to note that students must be in good academic standing and that repeated courses will not be counted as credits attempted for the purpose of compiling the Dean's Honor List.

Part-time students are also eligible for the Dean's Honor List provided they attain a Grade Point Average (GPA) of 3.5 or greater, and are otherwise in good academic standing. The GPA for part-time students is calculated upon the completion of each 12 semester hours of credit, without respect to the number of semesters the student has been in attendance. Eligibility for the Dean's Honor List is redetermined after each 12 additional credit hours attempted (12 credits, 24 credits, 36 credits, 48 credits, 60 credits). It is important to note that each 12 semester hour block of credits attempted may not include grades of withdrawal ("W"), Failure ("F"), Unsatisfactory ("U"), or Incomplete ("INC"). Repeated courses will not be counted as credits attempted for the purpose of compiling the Dean's Honor List.

Academic Programs

The New York State Education Department has authorized Nassau Community College to award degrees and certificates in the following programs. Students are advised that enrollment in other than registered or otherwise approved programs may jeopardize eligibility for certain State and Federal aid awards.

ADDITIONAL INFORMATION

Located in this section of the Catalog is additional information you will find useful as it relates to your experience here at NCC. Academic Standings, Computer Resources, Classroom Management and Graduation Procedures are all covered here. Don't forget to review the Student Rights & Responsibilities section.

Academic Standings

Academic standing is determined according to the regulations of the Academic Standing Committee and are made at the conclusion of each semester. Academic standing will only be printed at the top of the unofficial copy of the transcript.

Minimum Grade Point Average Required To Maintain Good Academic Standing

The following cumulative grade point averages (GPA) are the minimums which must be attained for a student to be considered in good academic standing:

- 1.7 with 1-14 credits attempted (usually one semester)
- 1.8 with 15-29 credits attempted (usually two semesters)
- 1.9 with 30-47 credits attemptedA - 2.0 with 48 or more credits attempted

A student whose cumulative average falls below these minima for the first time will remain in good academic standing but shall be limited to 14 credits (or equivalent where preparatory courses are concerned) for the next semester. If, at the end of the next semester, the student's cumulative average still falls below these minima, then the student concerned shall be placed on academic probation and shall be restricted to part-time (fewer than 12 credits) attendance.

Academic Dismissal Policy

The cumulative Grade Point Average (GPA) of students on probation will be reviewed at the end of the spring semester. Students whose cumulative average remains below the required minimum will be academically dismissed. The Office of the Dean of Students implements, interprets, and ensures compliance with this policy.

A previously dismissed student who is readmitted will not be dismissed under this policy if a GPA of 2.00 or higher is maintained in courses taken since readmission, and if satisfactory progress is demonstrated in remedial courses taken since readmission.

Students have the right to appeal their dismissal. Appeals must be submitted in writing to the Academic Standing Committee through the office of the Dean of Students no later than six weeks prior to the beginning of the semester for which they wish to be readmitted. Students who fail to appeal their dismissal within the required time limit may submit an appeal in a timely fashion for readmission to a future semester. All appeal decisions rendered by the Academic Standing Committee shall be final.

Academic Progress Requirements for Students Placed in Remedial Courses

Academic Progress Requirements for Students Placed in the Basic Education Program(BEP)

Students whose assessment test placement is the "Basic Education Program" must enroll in and successfully complete the Basic Education Program (BEP) and any additional required remediation before enrolling in regular college courses.

The following conditions apply to students enrolled in the Basic Education Program:

1. Must enroll in this program in the first semester of attendance. The Basic Education Program is the equivalent of a full-time program;
2. Must satisfactorily complete BEP courses; (Withdrawal from individual classes in the BEP program is not permitted);
3. Will be academically dismissed from the College if they fail all three BEP courses in the first semester, and will be considered for readmission only with the approval of a majority of their academic instructors;
4. May repeat a single failed course only twice, and will be academically dismissed upon the third failure;
5. Will be considered for readmission only after being separated from the College for at least one year (fall/spring), and only if future placement test results reveal no need for remediation in the area(s) for which the student was dismissed.

Academic Progress Requirements for Students Placed in Remedial/ESL Courses

The following conditions apply to students who are not placed in the Basic Education Program but require a remedial/ESL course(i.e., COM 030, ENG 001, ENG 030, MAT 001, MAT002, MAT 003, RDG 001, RDG 002,RDG 030):

1. Students must enroll in required remedial/ESL courses during their first semester of attendance.
2. The only possible grades for these courses are "S" (Satisfactory) and "U" (Unsatisfactory). For extreme situations, see number 8 below.
3. Any student who does not successfully complete a required remedial/ESL course must register again for the course the following semester.

4. Any student who earns a grade of “U” in a required remedial/ESL course will be limited to the equivalent of 14 credit hours in subsequent semesters until all remedial/ESL requirements are satisfactorily completed.
5. A student may repeat a single, failed remedial/ESL course only twice, and will be academically dismissed after the third failure, upon review by the Office of Placement Testing in consultation with the chair or the chair’s designated coordinator of the department that offers the remedial or ESL course.
6. MAT 003 may be taken only once. In the event of failure the student will be appropriately placed into MAT001 or MAT 002 for what will count as a second attempt at that course.
7. A dismissed student will be considered for readmission only after being separated from the College for at least one year (fall/spring), and only if future placement tests results reveal no need for remediation in the course(s) for which the student was dismissed.
8. Students can only withdraw from the required remedial/ESL courses if they are officially withdrawing from all courses for the semester in response to extenuating circumstances, such as a medical or personal emergency. In such cases, the student must present to the office of the Dean of Students cause for withdrawal from all courses and request a W grade that would not affect academic standing.
9. Some academic departments have designated courses which students cannot take until remedial/ESL requirements have been satisfied. Students with remedial/ESL requirements cannot register for those restricted courses and may not add them through the Change of Program or Drop/Add process.

Academic Program Requirements for Students Placed into Two or Three Remedial Courses

The following additional conditions apply to students who are not placed into the Basic Education Program but require two or three remedial courses from among ENG 001, MAT 001, MAT 002, MAT 003, RDG 001, RDG 002.

In addition to fulfilling their remediation requirements specified in the previous section, these students must enroll in NCC 101 – The College Experience, during the summer or winterim session prior to their first semester of attendance, or during their first semester of attendance.

Students required to enroll in NCC 101 and who do not successfully complete the course must register again for NCC 101 until they do so.

Impact of Withdrawal Grades on Academic Standing

A student who withdraws from more than one course per semester (i.e., two or more “W” grades in one semester) shall thereafter be placed on academic limitation — no more than 14 credits permitted.

A student who withdraws from more than one course during a semester of academic limitation, or who has not earned the required Grade Point Average, shall be placed in the next more restrictive probation category.

A student who earns a total of six or more “W” grades will automatically be placed in the most restrictive probation category (i.e. PART-TIME). “W” grades earned prior to September 1976 shall not apply.

A student will be removed from academic limitation upon completion of the probationary semester’s program, provided he or she has achieved the required grade point average and has not received more than one “W” grade.

Students who feel that extenuating circumstances warrant an exception from this policy may appeal through the Office of the Dean of Students.

Grades attained during the summer sessions will be considered in conjunction with the following fall semester grades for the purpose of this policy.

A student who has been placed on academic limitation is required to see a Student Personnel Services counselor.

ACCEPTABLE USE OF COMPUTER RESOURCES & ELECTRONIC COMMUNICATION POLICY

I. Introduction

In keeping with the tradition of fostering academic freedom, Nassau Community College (NCC) respects, encourages, and supports the right of any member of the College Community to participate in dialog and discourse to promote its educational mission. In support of this process, the College provides campus computing technologies.

Electronic mail and web hosting services are a common part of the fabric of campus life. These services provide an environment that enables us to communicate within and outside the College community. Acknowledging this capability and recognizing its potential for abuse, this document describes the guidelines for acceptable use of computer resources and electronic communication at NCC.

II. Computer Use Policy

NCC provides computer facilities and related resources to support its educational mission. It is the responsibility of the user to abide by the College guidelines as outlined below. Central to appropriate and responsible use is the stipulation that electronic communication and access shall be used in a manner consistent with the instructional, public service, research, and administrative objectives of the College and in accordance with contractual obligations and Academic Senate policies. All individuals have the responsibility to use computer resources in an effective, efficient, ethical, and legal manner.

Computer facilities and related resources are intended for the sole use of College faculty, staff, students, and other authorized individuals. Such resources include host computer systems, personal/laptop computers and workstations, personal digital assistants (PDAs), communications networks, software, databases, and files.

The Internet should not be used for personal business during working hours. Any employee who uses computer resources for improper purposes shall be subject to disciplinary action, up to and including, discharge. Any employee who receives material on his/her computer which he/she believes violates a College policy should contact the Office of Marketing & Communications.

It has been ruled by the courts that users of institutional computer resources have no expectation of privacy in any form of electronic communication. Therefore, all users of NCC computer resources must be aware that the College reserves the right to monitor its computing resources to protect the integrity of its computer systems, workstations, and lab facilities.

The use of the College's computer resource facilities and services is subject to and conditioned upon compliance with:

- College policies
- Federal, state and local laws
- ADA guidelines
- Academic Senate by-laws and policies
- Contractual obligations
- Policies of the Board of Trustees

The following activities are examples of unethical, unacceptable behavior, and are in violation of the College policies. These include but are not limited to any attempt to:

- alter system software or hardware configurations;
- access another individual's account, private files, or email without permission of the owner;
- misrepresent one's identity in electronic communication;
- violate rules or codes set by services subscribed to by the

College;

- use computer resources to threaten or harass others;
- use the College systems for commercial or personal profit- making purposes;
- not comply with computer facilities and system policies, procedures, and protocol; or
- use the College facilities or resources to violate the policies of other computer systems or organizations.

The use of a computer or other electronic equipment that is not the property of NCC (e.g., a personally owned computer) in conjunction with NCC resources (e.g., the College network) shall constitute the use of NCC computer resources, shall be governed by the College's Acceptable Use of Computer Resources and Electronic Communication Policy, and shall be the legal responsibility of the individual user.

III. Intellectual Rights and Responsibilities

The College respects the intellectual and creative contributions made by all members of the academic community and recognizes that they are vital to the academic enterprise. Furthermore, the College adheres to the principle of respect for the right of acknowledgment, the right of privacy, the right to determine the form, manner, and terms of publication and distribution of intellectual property. Since electronic information is transient and may easily be reproduced, respect for the work and personal expression of others is critical. Violations of authorial integrity, including plagiarism, invasion of privacy, unauthorized access, and copy- right violations, may be grounds for sanctions against members of the College community.

Images of people, places, graphics and logos on ncc.edu domain are either the property of the College or used with permission. Unless authorized by the Office of College Relations, the use of these images by web developers or the downloading and use of these images by web users who browse the web is prohibited, except in the course of normal business operations. Unauthorized use of the images may violate copyright and privacy laws and statutes.

IV. College Website Structure

NCC's website is meant to promote a positive image of the College to other institutions, accrediting agencies, funding agencies, the media, prospective students, their families, and the general public.

A. The Official Website

The official website of the College is located at <http://www.ncc.edu>. This site provides current, public information about NCC's mission, programs, and services. All content under the College's website address is deemed as official and authorized. As such, the College administration has the sole right, responsibility, and obligation to provide oversight and final editorial control of content. The official website must follow the College's branding policies and guidelines which are available through the Office of College Relations.

B. Secondary Websites

College-related websites beyond the official websites are identified as secondary websites. When entering a secondary website area, a general disclaimer must inform visitors that the material presented does not represent the official position of the College and the views and opinions expressed are strictly those of the web page author. Secondary websites are used by constituent groups of the College community such as administration, alumni, departments, faculty, staff, and student activities. Secondary websites may include content and/or applications for general

public access or internal use only. All content on secondary websites is deemed “unofficial.” For legal purposes, the designation of unofficial is to be interpreted as “not representing the official position of the college,” yet must adhere to the appropriate computer use policy as defined in Section II of this document. NCC does not provide access to web publishing for students, except in an instructional setting or when the administration grants students permission to publish a web page on behalf of an NCC organization. All NCC club or organization websites must be supervised by a faculty or staff member and obtain content authorization from the appropriate administrator.

Club or organization published web pages are considered “secondary” and are, therefore, unofficial. Web pages published by a club or organization must adhere to the appropriate computer resource use policy.

C. Secondary Website Publishing – Rights and Responsibilities

Due to the dynamic nature of electronic publication via the web, the following guidelines must be adhered to when creating content for secondary websites:

- Faculty of the College community have a right and are encouraged to establish a web presence, commonly referred to as a “homepage,” provided that the purpose of the website is consistent with the College Mission and adheres to the provisions defined in Section II.
- Oversight of the content in administration, alumni, department, staff and student activities websites must be done a minimum of twice a year by the appropriate oversight committee or individual assigned the responsibility for such oversight. For academic departments, this is the responsibility of the departmental chairperson or his/her designee. For non-academic departments, this is the responsibility of the supervising administrator.
- All websites must be compliant with ADA guidelines for access by persons with disabilities.
- Each secondary website homepage must contain the author’s name and date of last revision.
- Any pages deemed in violation of the policies set forth in this document may warrant immediate removal.
- Secondary websites must not represent themselves as “official College pages.” Authors are prohibited from using the college logo, seal, graphics, statements, and layout which may appear to the reader as to be indistinguishable from the College official website.
- Secondary websites must not contain “official” information. This includes but is not limited to course descriptions, programs of studies, college directories, etc. All references to “official” information must be made through referral “links” to the official College website.

V. E-mail Policy

All accounts issued to individuals are intended for the sole use of those individuals and are non-transferable. Individual account holders are responsible for all usage on their assigned accounts, hold a position of trust, and must preserve the security and confidentiality of the information they use. Members of the College community who are account holders are expected to act responsibly and within the regulations and standards established by the College.

A. General Guidelines for E-mail Use

When using e-mail, common sense, good manners, integrity, mutual respect for others and sensitivity must be observed by all members of the College community.

B. Prohibited Activities

Prohibited e-mail activities include, but are not limited to, the following:

- Unauthorized use of another individual’s account;
- Performing an act that will interfere with the normal operations of computers or networks on campus;
- Creating and/or distributing chain letters;
- Impersonation (misrepresenting yourself as another individual);
- Violating policies and applicable laws;
- Classified, commercial, or political advertisements;
- Distributing unsolicited and/or unauthorized mass mailings (spamming) unrelated to College business, events, or announcements.

C. Guidelines for the use of Distribution

Lists for E-mail Messages

Distribution lists (such as allncc) provide a means for e-mail messages to reach a specific audience. Lists should be selected with the appropriate audience in mind. When sending an e-mail to a distribution list, the “Subject” heading area should be a descriptive phrase that offers the recipients an overview of the e-mail. The distribution list is available at: lionnet.ncc.edu/default.aspx. Once the page is accessed, it can be placed in Favorites for future reference.

D. LionNet.ncc.edu

The College Intranet is intended to provide the faculty and staff access to services that support the operational needs of the College community and information disseminated by means of a role specific criteria. Access to the content is role based and is determined by one’s logon profile which may include one or more of the following designations: f/t faculty, adjunct faculty, administrator, or staff.

VI. Departmental Networks

Departments with their own local area networks will appoint a contact person and identify this person to the appropriate network administrator. The departmental contact person should be knowledgeable about the department’s computing environment. This person will serve as a liaison

to administrative personnel seeking problem resolution, information, and other assistance regarding computing and networking. In addition, this person will facilitate interaction between the Department and the administration on security matters or alleged abuses or related issues.

VII. Reporting, Investigations, and Sanctions

Personnel designated by the Administration and in consultation, when necessary, with the Office of Public Safety will investigate alleged violations of the policies articulated herein. While an alleged violation is under investigation, computing privileges may be suspended. Where a confirmed violation is serious or persists, a restriction of computing privileges may be imposed temporarily or permanently by the College. Cases involving violations of statutory law will be turned over to the Office of Public Safety or to the appropriate authorities and may be subject to civil and/or criminal penalties.

Policy on Classroom Management

Faculty have a right and responsibility to maintain a proper learning environment in the classroom. As integral members of this partnership, students are expected to participate actively in the learning experience and must do so in an appropriate manner.

Disruptive conduct in the classroom that interferes with the instructor's performance of his/her professional functions or that undermines the integrity of student learning will not be tolerated. Disruptive conduct includes, but is not limited to, behavior that is disorderly, lewd, indecent, obscene or threatening. This negative behavior will incur faculty intervention and may result in disciplinary action.

The procedures designed to ensure the right of due process for both instructor and student, as well as the College's right to impose penalties for infractions, are as follows:

1. The instructor will apprise the student of the inappropriateness of the behavior and ask that the negative behavior cease.
2. If negative behavior persists, the instructor will:

- A. Refer the student to campus supportive services and/or
- B. Inform the student, whether in writing or at a meeting, not to return to class.

3. In case of severe negative behavior covered by the Student

Code of Conduct (see appropriate section), Public Safety will be called and the student immediately removed from class.

The procedure for a student to appeal an instructor's request that the student not return to class is as follows:

1. The student shall request a meeting with the instructor's department chairperson within three academic calendar days after expulsion from class.
2. The chairperson shall consult with all parties involved in an effort to promote some reconciliation.

The decision to allow the student to return to class and the determination of the final grade shall remain with the instructor.

Student Code of Conduct

Students at Nassau Community College assume an obligation to conduct themselves in a manner compatible with the function of the College as an educational institution. Each student should be familiar with the College Catalog, which contains all rules and regulations of the College and is a binding contract with the student. By enrolling at the College, students agree to abide by the Rules and Regulations of the Student Code of Conduct developed in part by the students of the institution and endorsed by the Academic Senate, the College administration, and the Board of Trustees.

Fundamental Fairness Rights of Students Accused of Violating the Code of Conduct

1. To be afforded a fair and timely hearing, including the opportunity to challenge the impartiality of the hearing officer or committee members prior to the beginning of the hearing;
2. To have notice of the accusations;
3. To have the opportunity to question witnesses and evidence presented;
4. To have adequate time to prepare and present a defense;
5. To receive in writing the disposition of the case and sanctions.;
6. To appeal based upon procedures in this Code;
7. To be afforded confidentiality to the extent permitted by law;
8. To remain silent with no inference of guilt;
9. To waive any of these rights.

Fundamental Fairness Rights of Alleged Victims

1. To be afforded the opportunity to challenge the impartiality of the hearing officer or committee members prior to the beginning of the hearing;

2. To have adequate time to prepare for hearings and interviews;
3. To have the opportunity to question witnesses and evidence presented;
4. To receive in writing specific information on the disposition of the case and sanctions;
5. To appeal based upon procedures in this Code;
6. To be afforded confidentiality to the extent permitted by law;
7. To submit an impact statement to the Assistant or Associate Dean of Students and/or hearing committee;
8. To waive any of these rights.

Sexual Harassment Policy

It is the policy of Nassau Community College to establish an environment in which the dignity and worth of all members of the institutional community are respected. In keeping with this principle, the sexual harassment of students or employees is considered unacceptable conduct and will not be tolerated.

Sexual Harassment is a serious violation of campus policy and can result in disciplinary action. Sexual harassment subverts the mission of the College and undermines the educational process. It creates an atmosphere that is not conducive to learning or productivity.

Guidelines of Title VII of the Civil Rights Act focus upon sexual harassment as an unlawful practice. Sexual harassment, like harassment on the basis of color, race, religion, or national origin, has been recognized by the Equal Employment Opportunity Commission as a violation of Section 703 of Title VII of the Civil Rights Act. Interpretations of Title IX of the Education Amendments similarly delineate sexual harassment as discriminatory and unlawful.

Sexual Harassment is a violation of Title IX of the Education Amendments of 1972, which prohibits sex discrimination in education. Sexual harassment consists of unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature where grades or educational progress are made contingent upon submission to such conduct, or where the conduct has the purpose or effect of interfering with the individual's academic performance or of creating an intimidating, hostile, or offensive educational environment.

The College's complete Sexual Harassment Policy, including procedures for bringing complaints, can be found on the College website, within the section entitled "Administrative Policy Manual", available [here](#). Hard copies can also be picked up from the Affirmative Action Office.

Bias and Discrimination

Nassau Community College is a broadly diversified institution, committed to recognizing diversity and pluralism of values and beliefs on campus. The College condemns bias and all other acts of hatred and violence. Furthermore, the College condemns all evils of bigotry, discrimination, harassment, physical violence and/or any form of abuse based on race, ethnicity, national origin, disability, age, gender, or sexual orientation.

Nassau Community College is committed to all provisions of Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and other human rights and equal opportunity laws. These laws include prohibitions of discrimination in employment and educational programs and services. Title VII of the 1964 Civil Rights Act bans discrimination because of race, color, sex, religion or national origin.

As applied to post secondary education, Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. Sec. 794, as amended by Section 111(a) of the Rehabilitation Act amendments of 1974) prohibits discrimination on the basis of handicap. Section 504 contains several specific provisions similar to those prohibiting sex discrimination under Title IX. "The College's complete Bias and Discrimination Policy, as well as the Complaint Procedures for Bringing Allegations of Discrimination or Harassment", can be found on the College website, within the section entitled "Administrative Policy Manual", available [here](#). Hard copies can also be picked up from the Affirmative Action Office.

Affirmation Action Officer/Section 504 Coordinator
(516) 572-7747, Tower 818

Rules & Regulations of Conduct

Preamble

The College is committed to providing an atmosphere in which students have freedom to learn and engage in the search for truth, knowledge, and reason in accordance with the standards set forth by the academic community. Conduct that adversely affects a student's responsible membership in the academic community shall result in appropriate disciplinary action.

Statement of Policy

As an educational institution of higher education, Nassau Community College seeks to provide the best educational environment for its students, faculty, and staff. It is mindful that academic freedom is an essential element of college life.

To carry out its goal the College requires each student to obey the rules and regulations established by the College set forth herein, and all local, state, and federal laws. The College will not tolerate deliberate disruptive words, actions, violence or physical interference with the rights of any member of our College community or with any of the facilities of the College, or with any authorized functions being carried out on the College campus or at any college sponsored event.

Therefore, in furthering the educational aims of the College and in compliance with the provisions of Article 129-A of the Education Law of the State of New York, the following rules and regulations concerning conduct on the College campus or at any college sponsored event, the use of College property, the means of enforcement, and penalties for any violations thereof are hereby established.

Nothing contained herein shall be construed to limit or restrict freedom of speech or of peaceful assembly.

Section I: The Student Code of Conduct

The Student Code of Conduct as set forth below applies specifically to student behavior. Student rights are basic to the freedom to learn and must be based on mutual respect and responsibility. In addition, when a student enrolls at Nassau Community College, he/she agrees to abide by all College regulations. Therefore, violations of any section of the Code of Conduct shall result in appropriate disciplinary action.

A. Physical Violence. Acts of physical violence will not be tolerated. A student who initiates physical violence against any member of the College community will face the harshest of penalties, including the likelihood of expulsion from the College.

B. Criminal Violations. A student who is convicted of violating a criminal law may be subject to summary suspension or expulsion from the College.

C. Maintenance of Public Order. The President of the College or his/her representative shall have the authority and responsibility to take whatever steps are necessary to carry out the mandate of the following rules and regulations in the interest and for the welfare of the College community and of the citizens of the County of Nassau. Violations of the following regulations, whether such violations are carried out individually or in concert, are extremely serious in nature. Such violations will constitute cause for immediate suspension and/or ejection from the campus and may also subject the violator to whatever penalties may be imposed by appropriate college and/or civil authorities. These violations may include:

1. Unauthorized occupation of College facilities or interference with their lawful use;
2. Any act or threat that endangers any individual or that results in terrorizing or committing bodily harm or injury to anyone on campus or at any college function;
3. Any act resulting in damage to College property or facilities or to the property of students or staff;
4. Any act which results in disruption of College activities.

This could include inciting others to riot, interfering with the right of any member of the College community to perform his or her duties, and preventing a student from attending any class in which he/she is enrolled;

5. The possession or use of firearms of any nature, dangerous weapons, fireworks, or explosives on the campus;
6. The illegal possession, use, or exchange of any illicit drug;
7. The refusal to obey directives or orders of College personnel to cease and desist from any of the above acts.

D. Infractions of the Code of Conduct.

Infractions of the Code of Conduct shall include, but are not limited to, the following:

1. 1. Infringing upon the rights of other members of the College community via stalking;
2. Infringing upon the rights of other members of the College community via physical assault or abuse;
3. Infringing upon the rights of other members of the College community via verbal assault or abuse;
4. Infringing upon the rights of other members of the College community via written assault or abuse;
5. The possession or use of weapons of any nature, "including instruments intended to be used to inflict harm, fireworks or explosives on the campus, in class, or at any College function;
6. Unauthorized or illegal use of College computers;
7. Disruptive conduct in the classroom that interferes with instruction;
8. Disorderly, lewd, indecent, or obscene conduct or expression;
9. Any act of whatsoever nature that interferes with normal operation of the College or which adversely affects the student's suitability as a member of the College community;
10. Failure to comply with directions of College personnel acting in the performance of their duties, for example, failure to show proper I.D. to requesting College personnel acting in the performance of their duties;
11. Theft of, or damage to College or personal property belonging to any member of the College community;
12. Unauthorized possession, use, and/or sale of alcoholic beverages, narcotics, or drugs on the College campus and/or attendance in class, on campus, or at any College function under the influence of alcoholic beverages, narcotics, or drugs;
13. Gambling in any form;
14. Plagiarism, cheating, or any form of academic dishonesty.;
15. Submitting a false application or other information to the College, and the forgery, alteration, or intentional misuse of College documents, records or identification;
16. Violation of College policies concerning regulation of student clubs or organizations;
17. Unauthorized use of a vehicle on the College campus;
18. Failure to adhere to campus traffic regulations;

19. Violation of County Ordinance 238-1984 Section 4, Subsection e, as amended by Ordinance 152-1993. (Advertising and Handbills; No person will distribute, display or post or cause to be distributed, displayed or posted, any sign, banner, poster or advertisement of commercial nature except as authorized by the appropriate designated County official or unless distributed, displayed or posted at such locations designated by the facility for such purpose.)

The Dean, Assistant, or Associate Dean of Students will use his/her discretion in determining whether the alleged violation could warrant suspension or expulsion.

E. False Accusations. The College recognizes that the question of whether a particular conduct constitutes a violation of the Student Code of Conduct requires factual determination. The College also recognizes that false accusations have serious effects on innocent persons. If it becomes clear that a person who has accused another of a violation has maliciously or recklessly made a false accusation, the accuser will be considered in violation of the Student Code of Conduct. It is important to note, however, that the fact that a complaint is not substantiated or is determined not to constitute a violation does not mean that the complaint was maliciously or recklessly made.

Section II: Procedures for Dealing with

Infractions of the Student Code of Conduct

The College will respond to violators of its Code of Conduct using the procedures listed below. At all stages of these proceedings, the College will proceed expeditiously. However, the time limits specified in the following sections may be extended due to extraordinary extenuating circumstances. For procedural issues not specified in this document, refer to Roberts Rules of Order.

All records pertaining to charges and hearings are confidential to the extent allowed by law and shall be maintained as such. Throughout the proceedings the students' right to privacy shall be maintained to the extent allowed by law.

A. Filing of Charges

1. Charges may be brought against a student by another student or by any college employee. Any charge, accusation or infraction of the Code, which may subject a student to disciplinary action, must ordinarily be submitted to the Assistant or Associate Dean of Students in writing within five (5) days of the alleged violation. However, prior to filing charges formally, any student, staff or faculty may informally consult with the Dean, Associate Dean, or Assistant Dean of Students regarding an alleged infraction of the Code of Conduct and procedures to be followed.
2. When informal (unwritten) charges are brought to the attention of the Dean, Assistant Dean, or Associate Dean of Students – the Dean, Assistant Dean, or Associate Dean will determine if formal charges must be filed. If formal (written) charges are not required, the Dean will attempt to negotiate a solution between the involved individuals without the imposition of sanctions.
3. When formal charges are filed with or by the Assistant Dean or Associate Dean of Students, the Assistant or Associate Dean of Students will notify the accused student(s), in writing, of the date and time of an initial interview with the Assistant or Associate Dean of Students. This interview will take place no more than ten (10) business days (Mondays through Fridays when the College is open) following the filing of charges. The written notification will be mailed to the student's address of record both by first class mail and by overnight, certified, return receipt requested mail. This written notification to the accused student(s) will include a copy of the Student Code of Conduct.
4. In cases of serious violations of the Code of Conduct, in which the Dean of Students considers that continued attendance at the College is inconsistent with the safety of the College community, the Dean or his/her designee may impose immediate suspension pending final adjudication of the charges.
5. Prior to the interview date, the Assistant or Associate Dean of Students will gather relevant information concerning the charges from all appropriate sources.

B. Presentation of Charges

1. At the initial interview the Assistant or Associate Dean will inform the student of his/her rights and possible consequences as defined in the Student Code of Conduct. There shall be a thorough review of the charges, including statements from witnesses.
2. Based on the interview and all other information gathered, the Assistant or Associate Dean of Students will make one of the following determinations:
 - a. A resolution can be reached without the imposition of sanctions. In this case, the Assistant or Associate Dean of Students will attempt to reach a resolution satisfactory to all parties. If a negotiated solution cannot be reached, the matter will be forwarded to the Dean of Students for adjudication as outlined in section b immediately below.
 - b. Due to the nature of the alleged violation(s), the student(s) charged could receive a sanction other than suspension or expulsion. In this case, the Assistant or Associate Dean of Students will inform the charged student(s), in writing, of the date and time of a hearing before the Dean of Students. This hearing will take place no more than fifteen (15) business days following the interview with the Assistant or Associate Dean of Students. The written notification will be mailed to the student's address of record both by first class mail and by overnight, certified, return receipt requested mail.
 - c. Due to the nature of the alleged violation(s), the student(s) charged could receive a sanction of suspension or expulsion. In this case, the Assistant or Associate Dean of Students will inform the charged student(s), in writing, of the date and time of a hearing before the Code of

Conduct Hearing Committee. This hearing will take place no more than fifteen (15) business days following the interview with the Assistant or Associate Dean of Students.

d. Due to the nature of the alleged violation(s), the student(s) charged could receive a sanction of suspension or expulsion and the Assistant or Associate Dean of Students determines that the student(s) should be suspended pending final adjudication of the charges. Such a decision would be based on the Assistant or Associate Dean's determination that the accused student(s)' continued attendance at the College is inconsistent with the safety of the College Community. In this case, the Assistant or Associate Dean of Students will suspend the student(s) and will inform the charged student(s), in writing, of the date and time of a hearing before the Code of Conduct Hearing Committee. This hearing will take place no more than five (5) days following the interview with the Assistant or Associate Dean of Students.

C. Code of Conduct Hearing Committee

1. Jurisdiction and Procedures of the Committee

- a. The Committee will consider those cases that could result in suspension or expulsion.
- b. The Committee shall not be bound by the strict rules of evidence and shall hear evidence that it deems appropriate.
- c. Decisions will be made based on the preponderance of the evidence presented.

2. Membership of the Committee

- a. The Committee will consist of nine (9) members.
 - i. Three students, drawn from the six student members of the Academic Senate's Student Code of Conduct Committee. These six members are appointed by the President of the Student Government Association prior to the end of May of each academic year. Their term shall be one year, ending May 31st.
 - ii. Three administrators, drawn from the six administrative members of the Academic Senate's Student Code of Conduct Committee. These six members are appointed by the College President or his/her designee prior to the end of September of each academic year. Their term shall be one year. Administrators can be reappointed.
 - iii. Three faculty members, drawn from the six faculty members of the Academic Senate's Student Code of Conduct Committee. These six members are appointed by the Chair of the Academic Senate prior to the end of September of each academic year. Their term shall be two years.
- b. The Chair of the Code of Conduct Hearing Committee shall be the Chair of the Academic Senate's Student Code of Conduct Committee. In his/her absence, an Acting Chair will be elected by a simple majority of voting members present at the hearing. The Chair or Acting Chair will conduct the hearing and rule on questions of procedure.
- c. The Assistant or Associate Dean of Students, or his or her designee, will present the case.

3. Definitions

- a. A quorum shall be five (5) members of the committee, with at least one member from each of the three constituent groups: students, administrators, and faculty members.
- b. Decisions will be determined by a simple majority of voting members present at the hearing. If a simple majority vote cannot be secured, the case shall be forwarded to the Dean of Students for adjudication.

4. Limitations

- a. Any member who feels unable to approach a case in a spirit of neutrality may ask to be excused from hearing the case. The Chair or Acting Chair of the Committee will appoint alternates as required to meet a quorum.
- b. Any member whom the Committee feels cannot approach a case in a spirit of neutrality will be questioned on the matter by the Committee, and if neutrality is not established, that member will be asked by the Committee, on the basis of a simple majority of voting members present at the hearing, not to hear the case. The Chair or Acting Chair of the Committee will appoint alternates as required to meet a quorum.

D. Adjudication of Charges

1. Charges that could result in sanctions other than suspension or expulsion:
 - a. As indicated above, the Dean of Students will hear cases that the Assistant or Associate Dean of Students believes could result in sanctions other than suspension or expulsion. At the hearing, the Dean of Students will consider evidence presented by the accused student(s), the victim(s)/accuser(s), the Assistant or Associate Dean of Students, and any other witnesses whose testimony the Dean of Students believes to be necessary. The accused student will have the right, with prior notification to the Dean of Students, to bring his/her own witnesses to the hearing.
 - b. The following procedures and due process will govern the Dean of Students' hearing. Students involved with a hearing before the Dean of Students are entitled to the following:

- i. a written statement of the charges and the date and time of the hearing mailed to the student(s) address of record by both first class mail and overnight, certified, return receipt requested mail within five (5) business days after the Dean receives the charges from the Assistant or Associate Dean;
- ii. access to records in the Office of the Dean of Students; records cannot be removed from the office;
- iii. the opportunity to have an advisor present at the hearing, who may advise but not represent students;
- iv. the opportunity to present his/her version of the facts, including documents and/or witnesses that may support his/her position;
- v. the opportunity to respond to allegations, including documents;
- vi. the victim(s)/accuser(s) has the right, at his/her discretion, to remain in the hearing room with the accused;
- vii. a determination based on evidence presented at the hearing;
- viii. a written notification of the Committee's decision sent by the Dean within five (5) business days of the conclusion of the hearing;
- ix. all parties involved will be informed of the findings and sanctions.

c. As a result of the hearing, the Dean of Students may:

- i. negotiate a solution between the accused and the victim(s)/accuser(s);
- ii. determine that no sanction should be imposed. In this case, the Dean of Students will notify the accused and the victim(s)/accuser(s) of his/her decision, in writing, within five (5) business days of the hearing. The victim(s)/accuser(s) will have the right to appeal the Dean of Students' decision to the President of the College based on specific justifications for appeal listed in Section II, E (Appeal of Disciplinary Decisions). A request for an appeal must be presented to the President of the College within five (5) business days of receipt of the Dean of Students' decision;
- iii. determine that some sanction(s) should be imposed. In this case, the Dean of Students will notify the accused and the victim(s)/accuser(s) of his/her decision, in writing, within five (5) business days of the hearing. The student(s) receiving the sanction(s) will have the right to appeal the Dean of Students' decision to the President of the College based on specific justifications for appeal listed in Section II, E (Appeal of Disciplinary Decisions). A request for an appeal must be presented to the President of the College within five (5) business days of receipt of the Dean of Students' decision.

2. Charges that could result in suspension or expulsion:

- a. As indicated above, the Code of Conduct Hearing Committee will hear cases that the Assistant or Associate Dean of Students believes could result in suspension or expulsion. At the hearing, the Committee will consider evidence presented by the accused student(s), the victim(s)/accuser(s), the Assistant or Associate Dean of Students, and any other witnesses whose testimony the Committee deems to be necessary. The accused student will have the right, with prior notification to the Dean of Students, to bring his/her own witnesses to the hearing. In its decision, the Committee shall not be limited to the sanctions of suspension and expulsion, but may impose a lesser sanction if it deems this to be appropriate.
- b. The following procedures and due process will govern the Code of Conduct Hearing Committee's hearing. Students involved with a hearing before the Code of Conduct Hearing Committee are entitled to the following:
 - i. a written statement of the charges and the date and time of the hearing mailed to the student(s) address of record by both first class mail and overnight, certified, return receipt requested mail within five (5) business days after the Code of Conduct Hearing Committee receives the charges from the Assistant or Associate Dean;
 - ii. access to records in the Office of the Dean of Students; records cannot be removed from the office;
 - iii. the opportunity to have an advisor present at the hearing, who may advise but not represent students;
 - iv. the opportunity to present his/her version of the facts, including documents and/or witnesses that may support his/her position;
 - v. the opportunity to respond to allegations, including documents;
 - vi. the victim(s)/accuser(s) has the right to remain in the hearing room with the accused, if desired;
 - vii. a determination based on evidence presented at the hearing;
 - viii. a written notification of the Committee's decision, to be sent by the Dean, Assistant, or Associate Dean of Students within five (5) business days of the conclusion of the hearing;
 - ix. all parties involved will be informed of the findings and sanctions.
- c. As a result of the hearing, the Committee may:

i. determine that no sanction should be imposed. In this case, the Committee will notify the Assistant or Associate Dean of Students of its decision within 24 hours. The Assistant or Associate Dean of Students will notify the accused and the victim(s)/accuser(s) of the Committee's decision, in writing, within five (5) business days of the hearing. The victim(s)/accuser(s) will have the right to appeal the Committee's decision to the Dean of Students based on specific justifications for appeal listed in Section II, E (Appeal of Disciplinary Decisions). A request for an appeal must be presented to the Dean of Students within five (5) business days of receipt of the Committee's decision.

ii. determine that a sanction should be imposed. In this case, the Committee will notify the Assistant or Associate Dean of Students of its decision within 24 hours. The Assistant or Associate Dean of Students will notify the accused and the victim(s)/accuser(s) of the Committee's decision, in writing, within five (5) business days of the hearing. The student(s) receiving the sanction(s) will have the right to appeal the Committee's decision to the Dean of Students based on specific justifications for appeal listed in Section II, E (Appeal of Disciplinary Decisions). A request for an appeal must be presented to the Dean of Students within five (5) business days of receipt of the Dean of Students' decision.

3. If a student fails to appear as scheduled before the Dean of Students or the Code of Conduct Hearing Committee, whichever is scheduled to hear his/her case, the right to be heard is waived unless the student presents in writing an acceptable reason for failure to appear. In the case of an excused absence, the case will be adjudicated at the earliest possible date. If the absence is not excused, the Dean of Students or the Code of Conduct Hearing Committee, whichever is scheduled to hear the case, will decide the case on the basis of evidence presented.

4. Hearings with the Dean of Students or the Code of Conduct Hearing Committee shall be tape recorded and can be reviewed by the individual charged and by the victim(s)/accuser(s) in the Dean of Students' office.

E. Appeal of Disciplinary Decisions

1. An appeal of a disciplinary action must be based on one or more of the following:

a. Inappropriate sanction, for example, extremely punitive, not consistent with precedent;

b. Presence of new evidence that was not available during the original hearing;

c. Failure to follow due process or any other part of the College judicial procedure.

2. The student must request the appeal in writing within five (5) business days of receipt of the decision. The request must include a justification for the appeal. The President of the College or the Dean of Students will decide if an appeal will be granted.

3. The accused or the accuser(s) may appeal a decision of the Code of Conduct Hearing Committee to the Dean of Students within five (5) business days of receiving written notice of the decision. If an appeal is granted, it will be scheduled within five (5) business days of receipt of the appeal request. The Dean shall have the authority to sustain, modify, or reverse the disciplinary action imposed by the Committee. The Dean will notify the student(s) and the Committee of his/her decision, in writing, within five (5) business days of hearing the appeal.

4. The accused or the accuser(s) may appeal a decision of the Dean of Students to the President of the College within five (5) business days after having received written notification of the decision. This applies to initial decisions made by the Dean of Students based on his/her hearing as described in Section II, D, 1 and to decisions on appeals heard by the Dean of Students as described in Section II, E, 3.

5. In cases of appeals to the President of the College, the Dean of Students will present to the President of the College a written record of the charges, pertinent correspondence, a summary transcript of the proceedings, and the Dean's and/or Committee's decision where applicable, and the respective justification(s). The President shall have the authority to sustain, modify, or

reverse the disciplinary action imposed by the Dean.

6. The President shall convey his decision in writing to the student, the Dean of Students, and, in cases that were originally heard by the Code of Conduct Hearing Committee, to the Committee, within fifteen (15) days after receipt of the appeal.

7. The decision of the President of the College shall be final in all cases of appeal.

8. Should the President or the Dean of Students determine that an appeal will not be heard, that decision will be final. The student(s), accused and victim(s)/accuser(s), will be notified in writing of such a decision within five (5) days of receipt of the appeal.

F. Definitions of Disciplinary Measures

The Dean of Students is responsible for implementing disciplinary action toward students judged by the Code of Conduct Hearing Committee or the Dean of Students to have violated the Code of Conduct. The extent of the disciplinary sanction will depend on the seriousness of the violation, the past record of the student, circumstances surrounding the violation, and past practices in similar situations. The Dean of Students' office will maintain records of all imposed sanctions. Disciplinary actions imposed shall be one or more of the following:

1. Written Reprimand

A written reprimand is a letter from the Dean of Students or his/her designee to a student found guilty of violating the Code of Conduct. The specific violation is to be defined in the letter with a stated rationale for its unacceptability. A copy will be maintained by the Dean of Students' Office.

2. Social Probation

Non-academic probation may be imposed on a student who has been found guilty of violating the Code of Conduct. If a student becomes involved in any other problems of conduct while on social probation, he/she is liable for suspension or expulsion from the College, based on a hearing before the Dean of Students or the Code of Conduct Hearing Committee. Probationary notice is to be given to the student in writing by the Dean of Students with the terms of the probation and the rationale carefully detailed.

3. Restitution

Any student found guilty of violating the Code of Conduct that has caused an expense to the College or his/her fellow student(s) may be required to rectify this action by making financial restitution to the parties involved or through appropriate service or material replacement. Failure to do so within a specified time period may result in further disciplinary action as determined by the Dean of Students.

4. Suspension

Specific period of time in which a student is prohibited from enrolling at the institution. Ordinarily a student who is suspended will receive a "W" for all his/her courses. In compelling circumstances the committee reserves the right to allow a student's instructor to grant a grade. Suspension can be accompanied by additional criteria which the student must fulfill prior to re-enrollment.

5. Temporary Suspension

A narrowly defined period of time, i.e., three days, two weeks, etc., in which the student will be prohibited from attending classes while further investigation of the alleged violation occurs.

6. Expulsion

The immediate removal of a student from the College, prohibiting future enrollment at the institution. Ordinarily a student who is expelled will receive a "W" for all his/her courses. In compelling circumstances the committee reserves the right to allow a student's instructor to grant a grade.

7. Persona Non-Grata

Prohibits a student's presence on campus without prior approval from Public Safety and the Office of the Dean of Students. Failure to adhere to the Persona Non-Grata will subject the student to Nassau County Police arrest.

8. Record Impounded

All academic, financial, and social transactions will be prohibited without the prior consent of the Office of the Dean of Students. This action automatically occurs within all listed sanctions with the exception of sanction 1.

9. Confiscation of Student Identification

Students may be required to surrender their College identification.

G. Information Release

The Dean of Students will inform all complainants and respondents in writing of the result of the disciplinary proceedings.

Section III: Rules and Regulations Regarding

Initiation or Affiliation With Student Organizations

A. Nassau Community College recognizes that membership in a fraternity/sorority or other campus organization (hereinafter collectively referred to as an "Organization") can be a meaningful experience in conjunction with other aspects of the educational process. Unfortunately, however, membership or prospective membership in an organization is sometimes accompanied by an activity commonly known as "hazing." Hazing has been deemed as generally including, among other things:

1. Any action or situation which recklessly or intentionally endangers mental or physical health or involves the consumption of liquor, drugs, or other substances for the purpose of initiation into or affiliation with any organization;
2. Any other act or series of acts which cause bodily or physical harm or danger;
3. Mistreatment by playing stunts or practicing abusive or humiliating tricks that subject an individual to personal indignity, humiliation or ridicule;
4. Harassment by exacting unnecessary, disagreeable, difficult, or degrading work or harassment by ridicule, criticism, or public embarrassment.

B. Hazing is a violation of the Penal Law and other laws of the State of New York. Accordingly, the College affirms its policy that it will not condone hazing of any kind. To this end, any student or organization that engages in hazing may be ejected from the campus and, where appropriate, shall be subject to suspension, expulsion, or other disciplinary action.

1. In the case of an organization: the College may take any or all of the following actions against any organization which authorizes hazing or whose members (whether individual or in concert) engage in hazing: rescind permission for the organization to operate on campus property; rescind recognition of the organization; freeze and/or rescind its budget; and prohibit the organization from using the College's name.

2. In the case of a student(s): the student shall be requested to cease and desist from such prohibited conduct, and if he/she fails to do so, necessary and appropriate action will be taken to eject such student from College property, consistent with Section I of the Student Code of Conduct. In addition, disciplinary proceedings shall be commenced, pursuant to the Student Code of Conduct, against any student who engages in hazing. In accordance with those procedures, the penalties of suspension, expulsion, or other disciplinary action may be imposed.

3. Wherever, in the opinion of the President or his designee, the conduct of any individual or organization poses an imminent threat to the physical or emotional safety of himself/herself, to others or to the property, the President or his designee may immediately suspend such individual or organization from the campus pending an appropriate hearing and the final determination therein, consistent with Section II of the Student Code of Conduct.

4. In addition to the foregoing, the College reaffirms its right to utilize and seek the aid of public authorities and such judicial, civil, and criminal processes and proceedings as may, in the discretion of the College, be necessary and appropriate. Any penalty imposed by the College may be in addition to any penalty pursuant to the Penal Law or any other law to which a violator or organization may be subject.

C. The foregoing Rules and Regulations shall be deemed to be part of the bylaws of all College organizations.

Academic Dishonesty & Plagiarism

Academic dishonesty, which includes plagiarism and cheating, will result in some form of disciplinary action that may lead to suspension or expulsion under the rules of the Student Code of Conduct. Cheating can take many forms including but not limited to copying from another student on an examination, using improper forms of assistance, or receiving unauthorized aid when preparing an independent item of work to be submitted for a grade, be it in written, verbal or electronic form.

Anyone who assists or conspires to assist another in an act of plagiarism or any other form of academic dishonesty may also be subject to disciplinary action.

Plagiarism is a particular type of academic dishonesty that involves taking the words, phrases or ideas of another person and presenting them as one's own. This can include using whole papers and paragraphs or even sentences or phrases. Plagiarized work may also involve statistics, lab assignments, art work, graphics, photographs, computer programs and other materials. The sources of plagiarized materials include but are not limited to books, magazines, encyclopedias or journals; electronic retrieval sources such as materials on the internet; other individuals; or paper-writing services.

A student may be judged guilty of plagiarism if the student

- (a) Submits as one's own an assignment produced by another, in whole or in part.
- (b) Submits the exact words of another, paraphrases the words of another or presents statistics, lab assignments, art work, graphics, photographs, computer programs and other materials without attributing the work to the source, suggesting that this work is the student's own.

Allegations of student plagiarism and academic dishonesty will be dealt with by the appropriate academic department personnel. It is the policy of Nassau Community College that, at the discretion of the faculty member, serious acts will be reported in writing to the Office of the Dean of Students, where such records will be kept for a period of five years beyond the student's last semester of attendance at the College. These records will remain internal to the College and will not be used in any evaluation made for an outside individual or agency unless there is a disciplinary action determined by a formal ruling under the Student Code of Conduct, in which case only those records pertaining to the disciplinary action may apply. A student whose alleged action is reported to the Office of the Dean of Students will be notified by that office and will have the right to submit a letter of denial or explanation.

The Dean will use his/her discretion in determining whether the alleged violation(s) could warrant disciplinary action under the Student Code of Conduct. In that case the procedures governing the Code of Conduct will be initiated.

Graduation Procedures

Graduation With Honors

Honors graduates will be awarded degrees:

- Summa cum Laude (with the greatest praise) if the cumulative average is 3.9 or higher;
- Magna cum Laude (with great praise) if the cumulative average is 3.7 to 3.89; or
- Cum Laude (with praise) if the cumulative average is 3.5 to 3.69.

These honors will be inscribed on the diploma and noted on the official transcript of record.

Two-year Programs Often Take More Than Two Years

The sample four-semester program sequences which are described in the "Programs of Study" section are designed for students who intend to devote their full time and energy to their studies. Many students, however, must work at full- or part-time jobs while in attendance and others are in need of remedial course work not shown in the sequences. Therefore, many students spend more than two years at Nassau.

In fact, approximately half the students graduating from community colleges nationwide do not follow the traditional four-semester pattern. Many students elect to attend additional semesters in order to enhance those skills necessary for a successful college career. Students expecting to spend only two years at NCC should be aware of this trend. Often, students use the Summer Sessions to accelerate studies.

Certificate of Eligibility

No student may graduate without eligibility duly certified by the Office of the Registrar. Prospective graduates must complete "Request for Graduation" forms available from the Registrar during their final semester. Upon completion of all items, the forms must be submitted to the Bursar with the appropriate graduation fee. Deadlines must be strictly observed to provide the College with adequate lead time necessary to certify graduates, determine awards, and print degrees and certificates.

Second Degree or Certificate

A second degree (or certificate) may be undertaken either concurrently or consecutively at Nassau Community College only when a significant amount of additional course work in a very different field is completed.

Further, each second degree candidate must complete at least 24 additional credits in the "different field" (of the 24, 15 must be taken at Nassau Community College).

Additionally, each second degree shall contain a minimum of 33 credits "in residence."

Finally, each candidate seeking a second degree must obtain the prior written recommendation of the second degree chair-person (or program director) and prior approval of the Office of Academic Affairs on the appropriate form provided.

Ordinarily, students who pursue a degree shall not subsequently be granted a certificate in the same field. However, nothing shall prevent a student from subsequently pursuing a degree in the same field as the one in which he has undertaken studies for a certificate.

In cases where students have already completed a degree or certificate program and wish to pursue a new certificate, 12 credits must be taken in the new program (9 of the 12 must be taken at Nassau Community College). All candidates must comply with the College's "in residence" graduation requirement. (See section on Graduation.)

Student Rights & Responsibilities

The following policy, to which the College subscribes, is based on a "Joint Statement of Rights and Freedoms of Students" sponsored by the American Association of University Professors:

1. A student has the right to receive a written copy or to access an electronic copy of the course syllabus by the second class meeting. The syllabus shall include information about the course policies, the content of the course, and the criteria with the weighting to be used in the academic evaluation of his/her performance. The grading system described in the College catalog will be followed. Students not present at the first or second class meeting are responsible for requesting the syllabus.
2. Students should be free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled.
3. A student has the right to receive a grade based upon a fair and just academic evaluation of his/her performance in a course, as measured by the standards set by his/her instructor in the course syllabus. Such criteria as race, religion, color, national origin, sex, appearance, political affiliation or activities are irrelevant to grading. At the same time, the student is responsible for maintaining standards of academic performance established for each course in which he/she is enrolled, and for following the student Code of Conduct as outlined in the College catalog.
4. Information about a student's views, beliefs, and political associations which professors acquire in the course of their work as instructors, advisors, and counselors should be considered confidential. Judgments of ability and character may be provided under appropriate circumstances, normally with the knowledge or consent of the student.

Alert for Student Success

Success in college means balancing work and study time effectively. College study does not end with class time. For each 1 hour of class, you will need to plan at least 2 hours for study/learning. Research shows that working 15 or more hours per week makes it difficult to successfully complete courses.

When planning your schedule, carefully consider how you will balance course load and work schedule.

To obtain help with budgeting time effectively, visit or call the Educational Counseling Office in Room 19, Nassau Hall. Call (516) 572-7141 for an appointment.

Classroom Expectations

You and your instructor both have responsibilities relative to the course. Your instructor's responsibility is to give you a syllabus and to organize assignments and classroom activities to assist you in learning the material and achieving the course objectives. As the course unfolds, you have responsibilities to fulfill in order to complete the course successfully.

You are expected to:

1. Attend all class sessions and to be punctual. (You are responsible for all work covered whenever you are absent.);
2. Read, understand and follow instructions given in the course syllabus;
3. Complete reading and writing assignments;
4. Take notes during class;
5. When asked to do so, work collaboratively with other students;
6. Submit assignments on time;
7. Complete your work without cheating or committing plagiarism;
8. Participate actively in class;
9. Evaluate your own progress continuously;
10. Meet with your instructor during assigned office hours;

11. Exhibit proper behavior in the classroom (see policy statement on classroom management).

Discrimination and Harassment is Unlawful

Nassau Community College is a broadly diversified institution, committed to recognizing diversity and pluralism of values and beliefs on campus. The College is committed toward ensuring that all students are given equal opportunity to participate in its educational programs, and all qualified employees are appointed and promoted without regard to their race, national origin, ethnic background, gender, sexual orientation, religion, disability, age, veteran status, or marital status. The College is also dedicated toward maintaining an environment where dignity and worth of all members of the institutional community are respected. To that end, the College considers sexual harassment of students or employees to be unacceptable conduct which will not be tolerated. The College also condemns bias and all other acts of bigotry, discrimination, harassment and violence.

The College's Office of Affirmative Action and Diversity is dedicated toward ensuring that the College is in compliance with all federal and state laws and regulations that prohibit discrimination and encourage equal opportunity and treatment, including, but not limited to: Title VII of the Civil Rights Act of 1964; Title IX of Educational Amendments of 1972; Age Discrimination Act in Employment of 1967; Americans with Disabilities Act; Americans with Disabilities Act Amendments of 2008; Section 504 of the Rehabilitation Act of 1973, and the New York State Human Rights Law. The Affirmative Action Office also ensures that the College community is in compliance with its internal policies on Sexual Harassment, Bias and Discrimination, as well as the Complaint Procedures for Review of Allegations of Discrimination/Harassment (all of which are available on the College website, as well as at the Affirmative Action Office), and conducts investigations into allegations of sexual harassment, bias and discrimination brought by members of the College community.

Any questions concerning the College's policies on sexual harassment, bias and discrimination, as well as any allegations of noncompliance should be directed to:

Affirmative Action Officer

818 Administrative Tower
Nassau Community College
One Education Drive
Garden City, NY 11530-6793;
(516) 572-7121 or (516) 572-7747.

FERPA (The Family Educational Rights and Privacy Act)

Nassau Community College

Notification of Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords all students attending post-secondary institutions rights with respect to their education records. An "Education Record" is defined as a record that is directly related to a student and is maintained by Nassau Community College. FERPA rights include:

- (1) The right to inspect and review the student's education records within 45 days of the day the College receives a request for access.
 - A student should submit a written request to the Office of the Registrar that identifies the record(s) the student wishes to inspect. A College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the particular records are not maintained by the Office of the Registrar, the College official responding to the request shall advise the student of the correct Department and individual within the College to whom the request should be addressed.
- (2) The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
 - A student who wishes to ask the College to amend a record should write to the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.
 - If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and of the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when the student is notified of the right to a hearing.
- (3) The right to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent, as described below. Nassau Community College will not disclose information from a student's education record without the student's written consent, except in the following situations:
 - The College discloses education records without a student's prior written consent to school officials with legitimate educational interests.
 - i. A "school official" is a person employed by the College in an administrative, supervisory, academic, or support staff position (including Public Safety personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.
 - ii. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the College.
 - Upon request, the College also discloses education records without the student's consent to officials of another school in which a student seeks or intends to enroll, as long as the disclosure is for the purposes related to the student's transfer or enrollment in such institution.

- Disclosure to authorized representatives of the Comptroller General of the United States, the Attorney General of the United States, the U.S. Department of Education, state/local educational authorities, organizations conducting studies for or on behalf of the College, and accrediting organizations.
- Disclosure is in connection with a student's application for, and receipt of, financial aid.
- Disclosure is to comply with a judicial order or lawfully issued subpoena.
- Disclosure is to parents of dependent students, as defined by the Internal Revenue Code of 1986, Section 152. (While FERPA permits disclosure of records to parents of dependent students without student consent, it does not require such disclosure. The parent must provide a copy of their most recent federal income tax return establishing the student's dependency. Full rights under the Act shall be given to either parent, unless the College has been provided with evidence that there is a court order, or other legally binding document relating to such matters as divorce, separation or custody that specifically revokes those rights.)
- Disclosure is to appropriate parties in the event of a health or safety emergency.
- Disclosure is to an alleged victim of a crime of violence or a non-forcible sex offense, when such disclosure is of the final results of any disciplinary proceedings conducted by the College against the alleged perpetrator of such crime or offense.
- Disclosure is to the student's parent about the student's violation of any Federal, State or local law, or any policy of the College which governs the use and possession of drugs or alcohol, but only if the student is under 21 years of age.
- Disclosure concerns sex offenders and other individuals required to register under section 170101 of the Violent Crime Control Law Enforcement Act of 1994.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202

Additional information about the Family Educational Rights and Privacy Act may be obtained on the United States Department of Education website: <http://www.ed.gov/policy/gen/guid/fpco/ferpa/>

DIRECTORY INFORMATION

FERPA requires that the College, with the exceptions outlined above, obtain a student's written consent prior to disclosing to a third party any personally identifiable information about that student. However, the College may disclose information designated as "directory information" without prior written consent of the student. Directory information is generally considered information that is not harmful or an invasion of privacy if released.

Nassau Community College has designated the following items as directory information:

- a student's name,
- mailing address,
- major field of study,
- enrollment status (full-time/part-time),
- dates of attendance,
- degrees being pursued,
- participation in College sports and/or activities,
- photographs,
- weight and height of members of athletic teams, and
- degrees, honors and awards received.

The main purpose of designating the above information as "directory" is to permit the College to include this information in certain publications, such as: listing your name on the graduation program, submitting your awards and accomplishments for publication in a local newspaper, or printing your name in a playbill should you participate in a theater production on campus. The College does not release any directory information to commercial entities seeking to conduct solicitations or fund-raising activities.

Nassau Community College honors its duty to protect the confidentiality of student records. However, the College may disclose a student's "directory information" without obtaining student's written consent, unless the student has submitted a written "opt out" request, to the Office of the Registrar not to release some or all of the directory information pertaining to them. The opt-out form will be available in the Office of the Registrar and may be filled out any time.

NEGATIVE CONSEQUENCES OF OPTING OUT: Students who choose to restrict access to their Directory Information should be aware that doing so may result in unintended negative consequences. For example, organizations such as potential employers, scholarship agencies, members of the press, loan agencies, educational organizations and others will not be given access to the student's directory information, and will not be able to contact the student. Opting out of directory information classification may mean that you will miss out on valuable employment, educational, cultural and other opportunities.

Student Policy for a Drug-Free Campus

Nassau Community College is committed to a proactive preventative approach in assuring the campus is free of alcohol and substance abuse. The College operates in compliance with the Drug-Free Workplace Act of 1988 (P.L. 100-690) and the Drug-Free Schools and Communities Act Amendments (P.L. 101-226). To maintain an atmosphere conducive to fulfilling this mission, the policy for a drug-free campus states:

"The College expressly prohibits the unlawful use, possession, manufacture, distribution, or dispensation of controlled substances, which includes alcohol, in all Nassau Community College facilities or while attending or conducting college business off campus.

No alcohol is permitted on campus without express permission of the President or his designee. Consumption of alcohol is not permitted on campus by anyone under the age of 21. Compliance with the provisions of the College's drug and alcohol policies is a condition of

attendance at the College. Violations of any rule of the Student Code of Conduct, Section I, shall result in appropriate disciplinary action.

Infractions of the Code include the following:

Attendance in class or at any College function under the influence of alcoholic beverages, of narcotics and drugs or unauthorized possession, and/or sales of alcoholic beverages, narcotics or drugs on the College campus.

The College offers numerous curricula leading to the Associate in Arts (A.A.), Associate in Science (A.S.), and Associate in Applied Science (A.A.S.) degrees, as well as special Certificate programs, the requirements for which are listed in this section.

Programmatic requirements vary according to specific curricula. In planning a course of study, students should be guided by specific program requirements listed in this section.

LIBERAL ARTS AND SCIENCES

The College offers two degrees in Liberal Arts and Sciences which provide flexibility in planning a two-year academic program. The degrees are differentiated by the proportion of Liberal Arts and Sciences as mandated by law.

The Associate in Arts degree in Liberal Arts and Sciences:

Humanities and Social Science devotes three-quarters of the coursework to the liberal arts and sciences.

Students pursuing an Associate in Arts degree may prepare for transfer to upper-division study in subject areas such as:

- Anthropology
- History
- Economics
- Philosophy
- English
- Physical/Health Education
- Finance
- Political Science
- Foreign Languages
- Psychology
- Geography
- Sociology

The Associate in Science degree in Liberal Arts and Science:

Mathematics and Science devotes one-half of the coursework to the Liberal Arts and Sciences.

Students pursuing this degree may prepare for transfer to upper-division study in subject areas such as:

- Biology
- Mathematics
- Chemistry
- Physics
- Engineering
- Physical Sciences

Associate in Arts Program, Liberal Arts and Sciences:	
Humanities and Social Science	
Total Credits Required = 66	
Course Requirements	
Language Arts	
English Composition	6
Literature	3
Communication Arts	3
Humanities	
Nine credits, from at least two different humanities departments and must include at least three credits in the fine and performing arts, no more than three credits in English, and no more than three credits in communications	9
Natural and Physical Sciences	
One course in laboratory science and one course in laboratory or non-laboratory science	7-8
Mathematics	
One course in mathematics and one course in mathematics or computer science	6-8
Social Science	
Four courses from at least three different social science departments and must include at least one course in history	12
Physical Education	2
Electives	9-18
Culture and Diversity	
Two courses (6 credits) from two of the following three subcategories. Appropriate courses from other categories may be used to satisfy this two-course requirement. No course may be used to satisfy more than one of either a, b, c	6
a. Western Heritage	
b. Global Awareness and Non-Western Cultures	
c. Pluralism and Diversity	

Associate in Science Program, Liberal Arts and Sciences:	
Mathematics and Science	
Total Credits Required = 66	
Course Requirements	
Mathematics	
Must be one of the following two- courses sequences:	
MAT 122 - MAT 123 or for students not placed on MAT 122: MAT 111 - MAT 122, MAT 117 - MAT 122	8
Natural or Physical Science Sequence	
Must include at least one of the following two-course sequences: BIO 109 - BIO 110, CHE 151 - CHE 152, PHY 101 - PHY 102, PHY 122 - PHY 123, PHY 151 - PHY 152 or AHS 131 - AHS 132	8
Science or Mathematics Electives	
Any of the mathematics or science courses listed above except for MAT 111 or MAT 117.	
Also, any of the following: BIO level 200 or higher, CHE level 201 or higher, PHY level 200 or higher, SCI 103, SCI 104, SCI 105, SCI 106, SCI 107, SCI 108, SCI 109, SCI 110, SCI 120, SCI 203, MAT 131, MAT level 200 or higher, CSC 120	14-16
English Composition	6
Humanities	6
Social Science	6
Physical Education	2
Electives	0-13
Other Liberal Arts	15
Appropriate courses from other categories may be used to satisfy this five-course (15 credits) requirement.	
No course may be used to satisfy more than one category in this section.	
- Fine and Performing Arts (3 cr.)	
- Literature (3 cr.)	
- Communication Arts (3 cr.)	

- Culture and Diversity (6 cr.) Two courses from two of the following three subcategories:	
a. Western Heritage	
b. Global Awareness and Non- Western Cultures	
c. Pluralism and Diversity	

OFFICE: Cluster A, Room 3020, (516) 572-7544.

CHAIRPERSON: Lynn Mazzola, Lynn.Mazzola@ncc.edu.

FACULTY: M. Capone, F. Davis, A. DeJoseph, J. DeSpagna, H. Emin, C. Falconetti, D. Gallagher, J. Gray, B. Gregorio, J. Kaspar, J. Lacher, C. Marchese, D. Nugent, R. Randall, P. Reihing, M. Teubner.

TECHNICAL ASSISTANT: R. D'Anna

COURSES OFFERED: Accounting (ACC), Business (BUS)

The following curricula are offered by this Department:

Accounting (A.S.) - This curriculum prepares students for transfer to four-year institutions where they may complete the requirements for a Bachelor's degree with a major in accounting. The program enables the student to partially fulfill the educational requirements for the New York Certified Accounting examination.

Accounting (A.A.S.) - This curriculum prepares students for employment in the accounting field. The program includes technical and specialized courses which will equip students to relieve the professional accountant of many details and clerical assignments.

Business Administration (A.S.) - This program prepares students for transfer to four-year institutions to continue their education in general business areas. Such a program would be suitable for those with career objectives in business management, administration, investments, finance, marketing, or any other position in the business world.

Business Administration (Cert.) - This program provides students with the necessary skills for immediate entry into today's business world. Most courses in the program can be applied toward the A.S. degree in Business Administration or the A.A.S. degree in Marketing.

Accounting (A.S.) - This curriculum prepares students for transfer to four-year institutions where they may complete the requirements for a Bachelor's degree with a major in accounting. The program enables the student to partially fulfill the educational requirements for the New York Certified Accounting examination.

Accounting & Business Administration

Course Descriptions: Online or PDF

Accounting	
A.S. Program	
Total Credits: 67-70	
First Semester	
ACC 101 Accounting I	3
ECO 207 Principles of Macroeconomics	3
ENG 101 Composition I	3
Mathematics Elective (except MKT 101)	3-4
Social Science Elective	3
PED Activity Course(s)	1
Total Semester Credits	16-17
Second Semester	
ACC 102 Accounting II	3
ECO 208 Principles of Microeconomics	3
ENG 102 Composition II	3
Mathematics Elective (except MKT 101)	3-4
Social Science Elective	3
HED 201 Personal and Family Health or HED 251 Human Sexuality	2-3
Total Semester Credits	17-19
Third Semester	
ACC 201 Intermediate Accounting I	3
LAW 103 Business Law I	3
CMP 117 Business Computing: Concepts and Applications	4
COM 103 Public Speaking or COM 101 Interpersonal Communications	3
Laboratory Science Elective	4
Total Semester Credits	17

Fourth Semester	
ACC 202 Intermediate Accounting II	3
LAW 104 Business Law II	3
Business Elective	3
Humanities Elective	3
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17

Accounting (A.A.S.) - This curriculum prepares students for employment in the accounting field. The program includes technical and specialized courses which will equip students to relieve the professional accountant of many details and clerical assignments.

Course Descriptions: Online or PDF

Accounting	
A.A.S. Program	
Total Credits: 68-69	
First Semester	
ACC 101 Accounting I	3
BUS 110 Introduction to Business	3
LAW 103 Business Law I	3
MKT 101 Business Math	3
ENG 101 Composition I	3
HED Health Elective	2-3
Total Semester Credits	17-18
Second Semester	
ACC 102 Accounting II	3
LAW 104 Business Law II	3
MAT 102 Introduction to Statistics	3
COM 103 Public Speaking or COM 101 Interpersonal Communications	3
Business Elective *	3
PED Activity Course (s)	1
Total Semester Credits	16
Third Semester	
ACC 203 Federal Income Tax	3
ACC 125 Computerized Accounting	4
ACC 208 Cost Accounting	4
Laboratory Science Elective	4
Social Science Elective	3
Total Semester Credits	18
Fourth Semester	
ACC 206 Payroll Systems and Taxes	3
CMP 105 Electronic Spreadsheets	4
OFT 245 Administrative Management	3

Humanities Elective	3
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	17
* If student cannot type 20-25 words per minute OFT 100 - Fundamentals of Keyboarding should be used as the Business Elective. Otherwise, suggested courses: OFT 244, MKT 100, CMP 117, and BUS 116 or by advisement.	

Business Administration (A.S.) - This program prepares students for transfer to four-year institutions to continue their education in general business areas. Such a program would be suitable for those with career objectives in business management, administration, investments, finance, marketing, or any other position in the business world.

Course Descriptions: Online or PDF

Business Administration	
A.S. Program	
Total Credits: 67-70	
First Semester	
ACC 101 Accounting I	3
LAW 103 or LAW 104 Business I or II *	3
ENG 101 Composition I	3
Elective *	3
MAT Elective (except MKT 101)	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ECO 207 Principles of Macroeconomics	3
ACC 102 Accounting II	3
COM 103 Public Speaking or COM 101 Interpersonal Communications	3
ENG 102 Composition II	3
BUS 110 Introduction to Business	3
HED Health Elective	2-3
Total Semester Credits	17-18
Third Semester	
Mathematics Elective	3-4
BUS 112 Principles of Management	3
ECO 208 Principles of Microeconomics	3
CMP 117 Business Computing: Concepts and Applications	4
Laboratory Science Elective	4
Total Semester Credits	17-18
Fourth Semester	
MKT 100 Marketing	3
Electives *	6

Humanities Elective	3
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17
* Electives are selected in consultation with departmental advisor and are based on the student's future needs.	

Business Administration (Cert.) - This program provides students with the necessary skills for immediate entry into today's business world. Most courses in the program can be applied toward the A.S. degree in Business Administration or the A.A.S. degree in Marketing.

Course Descriptions: Online or PDF

Business Administration	
Total Credits: 30	
First Semester	
BUS 112 Principles of Management	3
ACC 101 Accounting I	3
MKT 100 Marketing	3
LAW 103 Business Law I	3
COM 103 Public Speaking	3
Total Semester Credits	15
Second Semester	
ECO 208 Principles of Microeconomics	3
ECO 214 Corporation Finance or BUS 116 Business Internship	3
CMP 115 Computers in Business	3
MAT 102 Introduction to Statistics	3
Elective *	3
Total Semester Credits	15
* This elective will permit the student to select a course in any area of specialization to gain exposure to other disciplines.	

AFRICANA STUDIES**OFFICE:** Building H, Room 124, (516) 572-7157.**CHAIRPERSON:** Kenneth V. Jenkins, Kenneth.Jenkins@ncc.edu.**FACULTY:** A. Attah-Poku, S. Bruno.**COURSES OFFERED:** Africana Studies (AFR).

The following curriculum is offered by this Department:

Liberal Arts & Sciences: Africana Studies (A.A.)

The Department offers three basic options to students:

1. Courses that transfer to a Baccalaureate program in Africana Studies, Elementary or Secondary Education, the Social Sciences or Humanities.
2. Courses relevant to career-oriented training for human service fields such as health, community planning and development, education and social services.
3. Courses to serve as electives in English, Social Science, and Humanities. Africana Studies courses are open to all students.

Africana Studies	
A.A. Program	
Total Credits: 66	
First Semester	
AFR 140 African American History I	3
AFR 185 African American Culture	3
AFR 110 African American Dance Ensemble or	
PED Activity Course (s)	1
Humanities Elective (as advised)	3
ENG 101 Composition I	3
Mathematics Elective	3
Total Semester Credits	16
Second Semester	
AFR 141 African American History II	3
AFR 142 History of African Civilization	3
Humanities Elective (as advised)	3
ENG 102 Composition II	3
Mathematics Elective	3
HED 201 Personal and Family Health	2
Total Semester Credits	17
Third Semester	
AFR 170 Black Social Philosophy	3
AFR 130 African American Literature I	3
Social Science Elective (as advised)	3
Elective (as advised)	3
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
AFR 201 History of the Black Woman II	3
AFR 131 African American Literature II	3

AFR 203 Afro-Caribbean World	3
Social Science Elective (as advised)	3
Laboratory Science Elective	4
Total Semester Credits	16

ALLIED HEALTH SCIENCES

OFFICE: Cluster E, Room 2225, (516) 572-9640.

CHAIRPERSON: Alfred J. Smeriglio, Alfred.Smeriglio@ncc.edu.
FACULTY: P. Alonge, F. Bialstock, J. Buono, K. Coles, L. Findlay, L. Gilkes, G. Gilner, L. Jacob, A. Jones, C. Kaufmann, J. Kiefer, G. Klinger, L. Lucca, S. Masi, J. McCartny, J. Miller, W. O'Keefe, R. Pollack, K. Santini, C. Smyth, R. Sparaco, L. Tine, G. Vossinas, D. Winegar, D. Witt.

CLINICAL INSTRUCTORS: L. Carlin, C. Confusione, T. Criscitelli, B. Edward, G. Hoerning, C. Lamb, D. Miller, D. Palmer, M. Ruane.

TECHNICAL ASSISTANTS: K. Costa, A. Donor, M. Dunlop, P. Galvin, A. Ginsburg, P. Goodwin, C. Ripley.

COURSES OFFERED: Allied Health Sciences (AHS).

The course, Introduction to Allied Health Sciences, is a requirement for all students except those in medical laboratory technology. All clinical experience in the affiliating hospitals is carefully supervised by professional personnel. Clinical experience is correlated with classroom and laboratory duties.

Departmental Requirements and Guidelines:

1. A minimum grade of "C" is required in all Allied Health Sciences courses.
2. The Department of Allied Health Sciences recognizes the professional codes of ethics, sensitivity to patient and community needs, adherence to the provisions of HIPAA, ability to work with and relate to peers and other members of the health care team, attitude, attendance, punctuality and appearance. Program directors may, upon the recommendation of clinical and academic faculty, recommend that the Department terminate any student who fails to correct deficiencies in any of these areas. These standards have been established in order to protect the rights of the patients and communities that we are committed to serve and to foster the team concept of health care delivery.
3. Allied Health Sciences students are required to carry malpractice insurance.
4. Allied Health Sciences students are annually required to submit completed health forms prior to enrollment.
5. Allied Health Sciences students are required to supply their own transportation to clinical settings.
6. Allied Health Sciences students must supply their own required uniforms.
7. Allied Health Sciences students shall submit to the College a copy of their current certification of competency in Basic Life Support, according to American Heart Association standards, prior to graduation.
8. Allied Health Sciences students are required to successfully complete Principles of Bloodborne Universal Precautions training.
9. No courses in the Department of Allied Health Sciences may be audited, with the exception of AHS 131- AHS 132 if approved by the Chairperson.

The following curricula are offered by this Department:

Medical Laboratory Technology (A.A.S.) - The Medical Laboratory Technology program is a two-year (plus two summer sessions) course of study leading to an Associate in Applied Science degree. The program provides educational course requirements and clinical training for a career as a medical laboratory technician. Students learn the theory and principles of routine laboratory procedures and their role in detection, diagnosis and treatment of disease. They perform tests using contemporary, automated and computerized instrumentation in all sections of the laboratory. The curriculum includes courses in liberal arts and the basic sciences as well as specialized course offerings in the major areas of clinical laboratory science. Students complete a clinical internship in the fourth semester and final summer session at one of nine affiliated hospital laboratories. Students who wish to pursue Bachelor Degree programs may do so but should seek advisement. The program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Graduating students are eligible to take all examinations offered for certification and licensure.

Physical Therapist Assistant (A.A.S.) - The Physical Therapist Assistant (PTA) works under the supervision of a physical therapist in sports medicine facilities, outpatient clinics, schools, rehabilitation centers, nursing homes, hospitals, home care, athletic teams and other health service agencies. Employing the knowledge of the patient's condition, the physical therapist assistant performs hands-on treatments for people who have temporary or more permanent physical difficulties such as inability to walk, inability to move a body part or are in pain. The PTA uses therapeutic exercises, manual therapy, and pain relieving electrical and other modalities. The Physical Therapist Assistant Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association (APTA). Upon successful completion, the student will receive the Associate in Applied Science (A.A.S) degree, and will be eligible to take the licensing exam for certification by the State of New York as a Physical Therapist Assistant. The program is affiliated with more than eighty clinical education sites in Nassau and Suffolk, the five boroughs, and upstate New York. The campus has two laboratories fully equipped with machinery and accessories found in a variety of physical therapy settings. The PTA courses are offered during the day only and may be completed in 5 semesters. Students are admitted in the fall only and must be available for full-time study in the last semester. The P.T.A. Program has been designed as a career program leading to employment at the end of two years of study. However, after completing additional credits and a bachelor's degree, students will be eligible to apply for transfer into a doctoral level physical therapy program.

Radiation Therapy Technology (A.A.S.) - The Radiation Therapy program is a two-year (four semesters and three summer sessions) program leading to the Associate in Applied Science degree. Graduates are eligible to take the American Registry of Radiologic Technologists examination to become Registered Radiation Therapists and to obtain New York State Licensure. Radiation therapists primarily treat cancer patients by applying ionizing radiation according to a radiation oncologist's prescription, using a variety of complex techniques and equipment. The Radiation Therapy program combines technical and liberal arts courses given at Nassau Community College with off-campus clinical education at various affiliated hospitals and free standing cancer centers. This program is accredited by the Joint Review Committee on Education in Radiologic Technology and by the New York State Department of Health.

Radiologic Technology (A.A.S.) - The Radiologic Technology program is a two-year (i.e., four semesters and three summer sessions) program leading to the Associate in Applied Science degree. The curriculum combines liberal arts studies and technical courses with clinical education at affiliated hospitals. The Radiologic Technology student is trained to work under the supervision of a physician in the diagnostic applications of x-rays. Responsibilities of the Radiologic Technologist include positioning of patients, handling of complex equipment and utilizing radiation protection devices. In addition to these technical skills, the technologist's duties require him/her to attend to the physical and emotional needs of patients who are often acutely ill or seriously injured. This program is accredited under the Nassau Community College accreditation granted by The Middle States Association of Colleges and Schools, and by the New York State Department of Health. Opportunities for professional advancement and continuing education at the B.S. degree level are available. Candidates who satisfy the following requirements may be eligible to receive advanced credit toward the A.A.S. degree in Radiologic Technology: (1) enrolled at Nassau Community College in either the day or evening division, (2) licensed by the New York State Health Department, Bureau of Radiologic Technology (L.R.T.), (3) certified by the American Registry of Radiologic Technologists R.T. (R), (4) currently employed as a practicing radiologic technologist, (5) pass a proficiency examination, and (6) complete 33 credits in residence for graduation.

Respiratory Care (A.A.S.) - Respiratory Care is an allied health specialty concerned with the performance of diagnostic cardiopulmonary evaluation and respiratory therapy treatment applied

to patients with deficiency and abnormalities of the cardiopulmonary system. It includes related education of the patient, family, and public. Cardiopulmonary evaluation includes the acquisition, analysis and interpretation of data obtained from physiologic specimens, performance of diagnostic tests, studies and research of the cardiopulmonary system, as well as neurophysiologic studies related to respiratory care. Specific testing techniques are employed in respiratory care to assist in diagnosis, monitoring treatment and research. This is understood to include measurement of ventilatory volumes, pressures, flows, blood gas analysis and other related physiologic monitoring. Respiratory therapy techniques include the application and monitoring of medical gases and related administration apparatus, environmental control systems, humidification systems, aerosols, inhaled medications, ventilatory support, bronchopulmonary drainage, pulmonary rehabilitation, cardiopulmonary resuscitation and airway management. The Respiratory Care program is designed to train the student for a career as a respiratory therapist. It is a two-year course of study leading to the Associate in Applied Science (A.A.S.) degree. In addition, graduates are eligible for nationally recognize certification and registration through the National Board for Respiratory Care, and for licensure by the New York State Education Department. To be eligible for admission to the Respiratory Care Program candidates must meet academic requirements, must be legally eligible for employment and licensure in the United States at the time of application, and must be of "good moral character" as defined in the New York State Education Law as applicable to the profession of the Respiratory Care, and must pass a criminal background check. The Respiratory Care curriculum is a balance of courses in the liberal arts and basic sciences as well as more specialized technical and clinical courses. Clinical, laboratory, and classroom training is structured to provide a comprehensive understanding of modern respiratory care techniques. Graduates are trained in diagnostic and therapeutic techniques for adult, pediatric and neonatal patients, and upon graduation are prepared to work in all areas of the field including intensive-critical-emergency care, general respiratory care, and rehabilitation and home care for cardiopulmonary patients. This program is nationally accredited by the Committee on Accreditation for Respiratory Care.

Surgical Technology (A.A.S.) - The Surgical Technology student is prepared to assume the role of surgical technologist in any surgical setting. In this program, the student is prepared to function in the areas of scrub, circulating assistant, and second assistant during surgical and obstetrical procedures. The graduate surgical technologist may elect to specialize in a particular area of surgery such as open heart, neuro, eye, orthopedics, and many others. Graduates are also employed in the emergency rooms, delivery rooms, ambulatory surgery centers, central supply units, organ retrieval units, and surgical equipment sales. This two-year program leads to the Associate in Applied Science degree and is accredited by the Committee on Accreditation of Allied Health Education programs (CAAHEP) upon recommendation from the Accreditation Review Committee on Education for Surgical Technologists, and Surgical Assisting. Graduates are prepared to take the NBSTSA National Certifying Examination. All candidates must be legally eligible for employment and certification in the United States at the time of application. Background check and random drug testing is required upon acceptance.

Medical Laboratory Technology (A.A.S.) - The Medical Laboratory Technology program is a two-year (plus two summer sessions) course of study leading to an Associate in Applied Science degree. The program provides educational course requirements and clinical training for a career as a medical laboratory technician. Students learn the theory and principles of routine laboratory procedures and their role in detection, diagnosis and treatment of disease. They perform tests using contemporary, automated and computerized instrumentation in all sections of the laboratory. The curriculum includes courses in liberal arts and the basic sciences as well as specialized course offerings in the major areas of clinical laboratory science. Students complete a clinical internship in the fourth semester and final summer session at one of nine affiliated hospital laboratories. Students who wish to pursue Bachelor Degree programs may do so but should seek advisement. The program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Graduating students are eligible to take all examinations offered for certification and licensure.

Course Descriptions: Online or PDF

Medical Laboratory Technology	
A.A.S. Program	
Total Credits: 69	
First Semester	
AHS 131 Anatomy and Physiology I	4
AHS 201 Clinical Hematology	4
CHE 131 General Chemistry I or	
CHE 151 Inorganic Chemistry I	4
ENG 101 Composition I	3
Total Semester Credits	15
Second Semester	
AHS 132 Anatomy and Physiology II	4
AHS 205 Immunohematology	4
CHE 132 General Chemistry II or	
CHE 152 Inorganic Chemistry II	4
Social Science Elective	3
Total Semester Credits	15
Summer Session	
ENG 102 Composition II	3
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	9
Third Semester	
AHS 202 Medical Microbiology	4

AHS 203 Clinical Pathology	3
BIO 216 Parasitology	4
MAT 102 Introduction to Statistics*	3
Total Semester Credits	14
Fourth Semester	
AHS 206 Clinical Immunology	3
AHS 209 Clinical Applications of Medical Laboratory Science	3
AHS 210 Clinical Internship I	3
CHE 221 Clinical Chemistry for Medical Technologists	4
Total Semester Credits	13
Summer Session	
AHS 211 Clinical Internship II	3
Total Semester Credits	3
* or as advised.	

Physical Therapist Assistant (A.A.S.) - The Physical Therapist Assistant (PTA) works under the supervision of a physical therapist in sports medicine facilities, outpatient clinics, schools, rehabilitation centers, nursing homes, hospitals, home care, athletic teams and other health service agencies. Employing the knowledge of the patient's condition, the physical therapist assistant performs hands-on treatments for people who have temporary or more permanent physical difficulties such as inability to walk, inability to move a body part or are in pain. The PTA uses therapeutic exercises, manual therapy, and pain relieving electrical and other modalities. The Physical Therapist Assistant Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association (APTA). Upon successful completion, the student will receive the Associate in Applied Science (A.A.S) degree, and will be eligible to take the licensing exam for certification by the State of New York as a Physical Therapist Assistant. The program is affiliated with more than eighty clinical education sites in Nassau and Suffolk, the five boroughs, and upstate New York. The campus has two laboratories fully equipped with machinery and accessories found in a variety of physical therapy settings. The PTA courses are offered during the day only and may be completed in 5 semesters. Students are admitted in the fall only and must be available for full-time study in the last semester. The P.T.A. Program has been designed as a career program leading to employment at the end of two years of study. However, after completing additional credits and a bachelor's degree, students will be eligible to apply for transfer into a doctoral level physical therapy program.

Course Descriptions: Online or PDF

Physical Therapist Assistant	
A.A.S. Program	
Total Credits: 66-67	
Summer Session	
(Prior to First Semester - 16 hr/wk)	
ENG 101 Composition I	3
Humanities Elective	3
Total Semester Credits	6
Fall Semester	
(1st Year - 27 hr/wk)	
AHS 151 Physical Therapist Assistant I	4
AHS 234 Kinesiology	4
AHS 101 Introduction to AHS	3
AHS 131 Anatomy and Physiology I	4
Total Semester Credits	15
Spring Semester	
(1st Year - 26 hr/wk)	
AHS 152 Physical Therapist Asst. II	7

AHS 132 Anatomy and Physiology II	4
PSY 203 General Psychology I	3
PED Activity Course (s)	1
Total Semester Credits	15
Summer Session	
(16 hr/wk)	
AHS 154 Physical Therapist Assistant IV	3
Fall Semester	
(2nd Year - 31-32 hr/wk)	
AHS 155 Physical Therapist Assistant V	4
AHS 153 Physical Therapist Assistant III	3
ENG 102 Composition II	3
Mathematics (as advised)	3-4
PED Activity Course (s)	1
Total Semester Credits	14-15
Spring Semester	
(2nd Yr., 1st Half - 26 hr/wk)	
AHS 156 Physical Therapist Assistant VI	4
SPS 201 Perspectives on People with Disabilities	3
Total Semester Credits	7
Spring Semester	
(2nd Yr., 2nd Half - 40 hr/wk)	
AHS 157 Physical Therapist Assistant VII	3
AHS 158 Physical Therapist Assistant VIII	3
Total Semester Credits	6
NOTE: Either PED 292 (Safety and First Aid, 3 credits) and AHS 100 (CPR and Basic Cardiac Life Support, 1 credit) or First Aid and Safety offered by the American Red Cross and CPR for Allied Health Professionals offered by the American Heart Association must be completed as part of this program.	

Radiation Therapy Technology (A.A.S.) - The Radiation Therapy program is a two-year (four semesters and three summer sessions) program leading to the Associate in Applied Science degree. Graduates are eligible to take the American Registry of Radiologic Technologists examination to become Registered Radiation Therapists and to obtain New York State Licensure. Radiation therapists primarily treat cancer patients by applying ionizing radiation according to a radiation oncologist's prescription, using a variety of complex techniques and equipment. The Radiation Therapy program combines technical and liberal arts courses given at Nassau Community College with off-campus clinical education at various affiliated hospitals and free standing cancer centers. This program is accredited by the Joint Review Committee on Education in Radiologic Technology and by the New York State Department of Health.

Course Descriptions: Online or PDF

Radiation Therapy Technology	
A.A.S. Program	
Total Credits: 78-79	
Summer Session	
(Prior to First Semester)	
ENG 101 Composition I	3
MAT 109 Algebra and Trigonometry	4
Total Semester Credits	7
First Semester	
AHS 101 Introduction to Allied Health Sciences	3
AHS 131 Anatomy and Physiology I	4
AHS 180 Treatment Techniques	1
AHS 181 Radiographic/Topographic Anatomy	1
AHS 182 Quality Assurance	1
AHS 261 Radiation Therapy Lecture I	3
AHS 262 Radiation Therapy Clinic I	2
Total Semester Credits	15
Second Semester	
AHS 132 Anatomy and Physiology II	4
AHS 168 Introduction to Treatment Planning	3
AHS 263 Radiation Therapy Lecture II	3
AHS 264 Radiation Therapy Clinic II	2

ENG 102 Composition II	3
Total Semester Credits	15
Summer Session	
AHS 265 Radiation Therapy Clinic III	5
Third Semester	
AHS 133 Radiation Biology	3
AHS 134 Applied Radiation Physics I	3
AHS 266 Radiation Therapy Lecture III	3
AHS 267 Radiation Therapy Clinic IV	3
PSY 203 General Psychology I	3
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
AHS 268 Radiation Therapy Lecture IV	3
AHS 269 Radiation Therapy Clinic V	3
AHS 135 Applied Radiation Physics II	3
Social Science Elective	3
Humanities Elective	3
PED Activity Course (s)	1
Total Semester Credits	16
Summer Session	
AHS 270 Radiation Therapy Clinic VI	5

Radiologic Technology (A.A.S.) - The Radiologic Technology program is a two-year (i.e., four semesters and three summer sessions) program leading to the Associate in Applied Science degree. The curriculum combines liberal arts studies and technical courses with clinical education at affiliated hospitals. The Radiologic Technology student is trained to work under the supervision of a physician in the diagnostic applications of x-rays. Responsibilities of the Radiologic Technologist include positioning of patients, handling of complex equipment and utilizing radiation protection devices. In addition to these technical skills, the technologist's duties require him/her to attend to the physical and emotional needs of patients who are often acutely ill or seriously injured. This program is accredited under the Nassau Community College accreditation granted by The Middle States Association of Colleges and Schools, and by the New York State Department of Health. Opportunities for professional advancement and continuing education at the B.S. degree level are available. Candidates who satisfy the following requirements may be eligible to receive advanced credit toward the A.A.S. degree in Radiologic Technology: (1) enrolled at Nassau Community College in either the day or evening division, (2) licensed by the New York State Health Department, Bureau of Radiologic Technology (L.R.T.), (3) certified by the American Registry of Radiologic Technologists R.T. (R), (4) currently employed as a practicing radiologic technologist, (5) pass a proficiency examination, and (6) complete 33 credits in residence for graduation.

Course Descriptions: Online or PDF

Radiologic Technology	
A.A.S. Program	
Total Credits: 75-76	
Summer Session	
(Prior to First Semester)	
ENG 101 Composition I	3
Mathematics Elective	3-4
Total Semester Credits	6-7
First Semester	
AHS 101 Introduction to Allied Health Sciences	3
AHS 131 Anatomy and Physiology I	4
AHS 240 Radiologic Technology I Lecture	3
AHS 241 Radiologic Technology I Lab/Clinic	5
Total Semester Credits	15
Second Semester	
AHS 132 Anatomy and Physiology II	4
AHS 242 Radiologic Technology II Lecture	3

AHS 243 Radiologic Technology II Lab/Clinic	5
ENG 102 Composition II	3
Total Semester Credits	15
Summer Session	
AHS 244 Radiologic Technology III Clinic	5
Third Semester	
PSY 203 General Psychology I	3
AHS 245 Radiologic Technology IV Lecture	3
AHS 246 Radiologic Technology IV Lab/Clinic	6
PED Activity Course (s)	1
Total Semester Credits	13
Fourth Semester	
AHS 247 Radiologic Technology V Lecture	3
AHS 248 Radiologic Technology V Lab/Clinic	6
Humanities Elective	3
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	16
Summer Session	
AHS 249 Radiologic Technology VI Clinic	5

Respiratory Care (A.A.S.) - Respiratory Care is an allied health specialty concerned with the performance of diagnostic cardiopulmonary evaluation and respiratory therapy treatment applied to patients with deficiency and abnormalities of the cardiopulmonary system. It includes related education of the patient, family, and public. Cardiopulmonary evaluation includes the acquisition, analysis and interpretation of data obtained from physiologic specimens, performance of diagnostic tests, studies and research of the cardiopulmonary system, as well as neurophysiologic studies related to respiratory care. Specific testing techniques are employed in respiratory care to assist in diagnosis, monitoring treatment and research. This is understood to include measurement of ventilatory volumes, pressures, flows, blood gas analysis and other related physiologic monitoring. Respiratory therapy techniques include the application and monitoring of medical gases and related administration apparatus, environmental control systems, humidification systems, aerosols, inhaled medications, ventilatory support, bronchopulmonary drainage, pulmonary rehabilitation, cardiopulmonary resuscitation and airway management. The Respiratory Care program is designed to train the student for a career as a respiratory therapist. It is a two-year course of study leading to the Associate in Applied Science (A.A.S.) degree. In addition, graduates are eligible for nationally recognize certification and registration through the National Board for Respiratory Care, and for licensure by the New York State Education Department. To be eligible for admission to the Respiratory Care Program candidates must meet academic requirements, must be legally eligible for employment and licensure in the United States at the time of application, and must be of "good moral character" as defined in the New York State Education Law as applicable to the profession of the Respiratory Care, and must pass a criminal background check. The Respiratory Care curriculum is a balance of courses in the liberal arts and basic sciences as well as more specialized technical and clinical courses. Clinical, laboratory, and classroom training is structured to provide a comprehensive understanding of modern respiratory care techniques. Graduates are trained in diagnostic and therapeutic techniques for adult, pediatric and neonatal patients, and upon graduation are prepared to work in all areas of the field including intensive-critical-emergency care, general respiratory care, and rehabilitation and home care for cardiopulmonary patients. This program is nationally accredited by the Committee on Accreditation for Respiratory Care.

Course Descriptions: Online or PDF

Respiratory Care	
A.A.S. Program	
Total Credits: 76-77	
Summer Session	
(Prior to First Semester)	
MAT Elective (as advised)	3-4
ENG 101 Composition I	3
Total Semester Credits	6-7
First Semester	
AHS 101 Introduction to Allied Health Sciences	3
AHS 111 Respiratory Care I Lecture	3

AHS 131 Anatomy and Physiology I	4
AHS 311 Respiratory Care I Laboratory	3
CHE 131 General Chemistry I	4
Total Semester Credits	17
Second Semester	
AHS 104 Fundamentals of Pharmacology and Therapeutics for Respiratory Care	3
AHS 112 Respiratory Care II Lecture	3
AHS 132 Anatomy and Physiology II	4
AHS 312 Respiratory Care II Laboratory	3
CHE 132 General Chemistry II	4
Total Semester Credits	17
Summer Session I	
AHS 313 Respiratory Care III Laboratory	2
PED Activity Course (s)	1
Total Semester Credits	3
Summer Session II	
AHS 212 Respiratory Care Summer Clinical I	2
Third Semester	
AHS 113 Respiratory Care III Lecture	2
AHS 202 Medical Microbiology	4
AHS 314 Respiratory Care IV Laboratory	3
AHS 413 Respiratory Care Clinical II	2
SOC 201 Introduction to Sociology	3
ENG 102 Composition II	3
Total Semester Credits	16
Fourth Semester	
AHS 114 Respiratory Care IV Lecture	2

AHS 214 Respiratory Care Clinical IV	2
AHS 414 Respiratory Care Clinical III	3
PSY 203 General Psychology I	3
Humanities Elective	3
PED Activity Course (s)	1
Total Semester Credits	15

Surgical Technology (A.A.S.) - The Surgical Technology student is prepared to assume the role of surgical technologist in any surgical setting. In this program, the student is prepared to function in the areas of scrub, circulating assistant, and second assistant during surgical and obstetrical procedures. The graduate surgical technologist may elect to specialize in a particular area of surgery such as open heart, neuro, eye, orthopedics, and many others. Graduates are also employed in the emergency rooms, delivery rooms, ambulatory surgery centers, central supply units, organ retrieval units, and surgical equipment sales. This two-year program leads to the Associate in Applied Science degree and is accredited by the Committee on Accreditation of Allied Health Education programs (CAAHEP) upon recommendation from the Accreditation Review Committee on Education for Surgical Technologists, and Surgical Assisting. Graduates are prepared to take the NBSTSA National Certifying Examination. All candidates must be legally eligible for employment and certification in the United States at the time of application. Background check and random drug testing is required upon acceptance.

Course Descriptions: Online or PDF

Surgical Technology	
A.A.S. Program	
Total Credits: 71	
Summer Session	
(Prior to First Semester)	
ENG 101 Composition I	3
COM 101 Interpersonal Communications	3
Total Semester Credits	6
First Semester	
AHS 101 Introduction to Allied Health Sciences	3
AHS 121 Surgical Technology I	5
Mathematics Elective	3
AHS 131 Anatomy and Physiology I	4
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
AHS 103 Fundamentals of Pharmacology	3
AHS 122 Surgical Technology II	6
AHS 132 Anatomy and Physiology II	4
ENG 102 Composition II	3
PED Activity Course (s)	1
Total Semester Credits	17

Summer Session	
AHS 202 Medical Microbiology	4
Third Semester	
AHS 123 Surgical Technology III	8
PSY 203 General Psychology I	3
SOC 201 Introduction to Sociology	3
Total Semester Credits	14
Fourth Semester	
AHS 124 Surgical Technology IV	8
Elective (as advised)	3
Elective in Psychology or Sociology	3
Total Semester Credits	14

ART

OFFICE: Building G, Room 179, (516) 572-7162.

CHAIRPERSON: Susan Dooley, Susan.Dooley@ncc.edu

FACULTY: C. Eckdall, C. Funk, T. Emmerson, J. Gorman, A. Guest, I. Maksym, C. McBride, C. Monastra, M. Palmieri, M. Romano, W. Shillallies, R. Toedter.

TECHNICAL ASSISTANTS: L. Casey, P. Colombraro, L. Chatterton, M. Gallo, M. LaCombe, D. Puzzo

COURSES OFFERED: Art (ART).

The following curricula are offered by this Department:

Art (A.S.)

Art Studies (A.A.)

Commercial Art: Digital Technologies (A.A.S.)

Desktop Publishing and Design (Certificate)

Photography (A.S.)

Photography (Certificate)

Web Design (Certificate)

The Art Department offers courses of study for both the art major and for those wishing to explore the visual arts. Students may choose from A.S. degree programs in Art and in Photography, an A.A.S. degree in Commercial Art: Digital Technologies, an A.A. degree in Art Studies with an option of concentration in Art History, and Certificate programs in Photography, Desktop Publishing and Design, and Web Design.

Our A.S. degrees, designed for students who intend to pursue a four-year art education, provide a basic foundation across the various disciplines, including drawing, painting, 2D and 3D design, sculpture, ceramics, photography, printmaking, and computer graphics. Courses in Art History, ranging from primitive to contemporary and non-western, are also offered. Students must complete remedial courses in English and Reading before enrolling in any art history courses. The Certificate in Photography (36 credits) is a concentrated area of study for those students planning a more immediate career in this field. Our A.A.S. degree program in Commercial Art: Digital Technologies provides students with training in desktop publishing and multimedia. Studies include print and graphic design, web design, 3D modeling, animation and interactive design. The Desktop Publishing and Design Certificate provides students with specialized computer skills in typography, page layout, illustration, digital imaging, pre-press, and printing. This 36 credit certificate program is designed to help prepare students for an entry level position. The Website Design Certificate program provides students with specialized computer skills in web site design, web site component languages and general computer technology in order to better define their own roles in the Industry. This 36-37 credit certificate program is designed to help prepare students for an entry-level position.

The Art facilities, located in the Social Sciences and Visual Arts Building (Bldg. G), contain seven specialized art studios with state-of-the-art equipment; four computer labs covering a range of courses in digital technology; a raked art history lecture hall with the latest AV and Smartboard technology, and a Photography complex that includes two professional photography studios, two large black & white darkrooms (for classroom and for general use), seven individual color print photography darkrooms, a computer lab for digital photography and a variety of specialized development areas.

The Firehouse Plaza Art Gallery, which is operated by the Art Department, offers several art exhibitions yearly and is open to the general public. Art students must complete one questionnaire associated with an art exhibition at the Firehouse Gallery and attend one Art Forum sponsored by the Art Department each semester. In addition, museum and/or gallery visits and field trips may be required as part of an art instructor's curriculum. Students may also be required to provide supplies and/or equipment for individual use in their courses.

The Art Department requires all art majors to maintain a cumulative 2.0 GPA in their field of study. After one probationary semester, art majors with GPA's below 2.0 will be withdrawn from their major area of study.

Art*	
A.S. Program	
Total Credits: 66-69	
First Semester	
ART 105 Principles of 2-D Design	3
ART 106 Principles of 3-D Design	3
Art History Elective	3
Laboratory Science Elective	4
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ART 111 Drawing 1	3
Art Electives	6
Laboratory Science Elective	4
ENG 102 Composition II	3
PED Activity Course (s)	1
Total Semester Credits	17
Third Semester	
Art Electives	6
Humanities Elective	3
Mathematics Elective	3-4
Social Science Elective	3
HED Health Elective	2-3
Total Semester Credits	17-19
Fourth Semester+	
Art Electives	6
Humanities Elective	3
Mathematics Elective	3-4
Social Science Elective	3
Total Semester Credits	15-16
+Option: Art Internship by referral as a 3cr. Art elective. *Please check with an Art Department Advisor for the advisement pattern that best suits your area of interest.	

Art Studies	
A.A. Program	
Total Credits: 66-69	
First Semester	
ART 105 Principles of 2-D Design	3
ART 111 Drawing I	3
ENG 101 Composition I	3
Social Science Elective	3
Mathematics Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ART 106 3-D Design	3
ART 130 Graphics Design I	3
ENG 102 Composition II	3
Social Science Elective	3
Mathematics Elective	3-4
HED Health Elective	2-3
Total Semester Credits	17-19
Third Semester	
Art History Elective *	3
English Elective	3
Social Science Elective	3
Laboratory Science Elective	4
Humanities Elective	3
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
Art Elective	3
English Elective	3
Humanities Elective	3
Social Science Elective	3
Laboratory Science Elective	4
Total Semester Credits	16
*Choose from ART 201, ART 202, ART 203, ART 102, ART 103, ART 104 or ART 124.	

Commercial Art:	
Digital Technologies	
A.A.S. Program	
Total Credits: 65-67	
First Semester	
ART 105 Principles of 2-D Design	3
ART 111 Drawing I or	
ART 159 Photography I	3
ART 130 Graphics Design I	3
ENG 101 Composition I	3
MAT Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ART 131 Digital Imaging	3
ART 137 Computer Illustration	3
ART 140 Graphic Design II	3
ENG 102 Composition II	3
HED Health Elective	2-3
Social Science Elective	3
Total Semester Credits	17-18
Third Semester	
ART 133 Graphic Design III	3
Commercial Art Elective*	3
Commercial Art Elective*	3
ART 239 Web Design I	3
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
Commercial Art Elective*	3
Commercial Art Elective*	3
ART 240 Portfolio Workshop	3
Humanities Elective	3
Social Science Elective	3
Total Semester Credits	15

*Commercial Art Elective, please select 4 courses:

ART 107 Prepress, ART 108 Advertising Art, ART 113 Package Design, ART 114 Typography for Graphic Design, ART 138 3-D Modeling, ART 139 Web Animation and Interactivity, ART 237 Digital Video and Special Effects, ART 238 3D Animation, ART 249 Web Design II.

Desktop Publishing and Design	
Total Credits: 36	
First Semester	
ART 105 Principles of 2-D Design	3
ART 108 Advertising Art	3
ART 159 Photography I	3
ART 130 Graphics Design I	3
Total Semester Credits	12
Second Semester	
ART 114 Typography for Graphic Design	3
ART 131 Digital Imaging	3
ART 137 Computer Illustration	3
ART 140 Graphic Design II	3
Total Semester Credits	12
Third Semester	
ART 133 Graphic Design III	3
ART 240 Portfolio Workshop	3
MKT 100 Marketing	3
Liberal Arts Elective	3
Total Semester Credits	12

Photography	
A.S. Program	
Total Credits: 66-69	
First Semester	
ART 105 Principles of 2-Dimensional Design	3
ART 124 History of Photography	3
ART 159 Photography I	3
ART 160 Black and White Darkroom	3
Mathematics Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ART 131 Digital Imaging	3
ART 230 Color Photography	3
Humanities Elective	3
ENG 101 Composition I	3
Mathematics Elective	3-4
HED Health Elective	2-3
Total Semester Credits	17-19
Third Semester	
ART 231 New Technology in Photography	3
ART Photography Elective	3
ENG 102 Composition II	3
Social Science Elective	3
Lab Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
ART Photography Elective	3
ART Photography Elective	3
Humanities Elective*	3
Laboratory Science Elective	4
Social Science Elective	3
Total Semester Credits	16
*Recommended: ART 111 Drawing I, ART 109 Printmaking	

I, or ART 142 Art Internship (by referral).

Photography Electives, please select 3 courses: ART 226 Experimental Photography, ART 227 Studio Photography, ART 228 Photojournalism, ART 229 View Camera, ART 142 Internship in Photography (by referral).

Photography Certificate	
Total Credits: 36	
First Semester	
ART 105 Principles of 2-D Design	3
ART 124 History of Photography	3
ART 159 Photography I	3
ART 160 Black and White Darkroom	3
Total Semester Credits	12
Second Semester	
ART 131 Digital Imaging	3
ART Photography Elective	3
ART 230 Color Photography	3
Liberal Arts Elective	3
Total Semester Credits	12
Third Semester	
ART 231 New Technology in Photography	3
ART Photography Elective	3
ART Photography Elective	3
Liberal Arts Elective	3
Total Semester Credits	12
Photography Electives, please select 3 courses: ART 226 Experimental Photography, ART 227 Studio Photography, ART 228 Photojournalism, ART 229 View Camera, ART 142 Internship in Photography (by referral)	

Web Design	
Total Credits: 36-37	
First Semester	
ART 105 Principles of 2-Dimensional Design	3
ART 130 Graphic Design I	3
CSC 104 Programming Logic and Problem Solving	3
MAT Elective	3-4
Total Semester Credits	12-13
Second Semester	
ART 131 Digital Imaging	3
ART 137 Computer Illustration	3
ART 239 Web Design I	3
Web Design Elective *	3
Total Semester Credits	12
Third Semester	
ART 139 Web Animation and Interactivity	3
ART 249 Web Design II	3
OFT 235 E-Commerce for Office Professionals	3
Web Design Elective *	3
Total Semester Credits	12
*Choose from ART 133 (Graphic Design III), ART 138 (3D Modeling), ART 237 (Digital Video and Special Effects), OFT 230 (Web Page Formatting), ITE 101 (Intro to Information Technology), ITE 154 (Web Programming I), ITE 213 (Data Communications and the Internet).	

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TECHNICAL ASSISTANTS: M. Landau, D. Renwick, A. Thelian, C. Thurber, M Wetherell.

COURSES OFFERED: Biology (BIO).

The Department of Biology provides a strong program designed to enable students to transfer to an upper division college of their choice. Offering a wide variety of courses, the Biology Department seeks to serve those students wishing to pursue a career in the biological sciences as well as those students who simply wish to explore the field of biology. Whether designed for the science student or the non-science student, all of our laboratory courses will satisfy the science requirement for an associate degree and all Biology courses can be used for elective credit. As a service for students pursuing a career in the biological sciences, the Biology Department has developed articulation agreements with various branches of SUNY, Albany and Stony Brook for example, and many of the local private institutions. In addition to providing students with the course work necessary for career preparation, the Biology Department offers extensive career advisement for all areas of the biological sciences. Students preparing for careers in areas such as medicine, dentistry, chiropractic, podiatry, veterinary medicine, pharmacy, forestry, environmental science, biological research, etc. are encouraged to see departmental advisors. The Department also houses a modern and fully functional transmission and scanning electron microscope facility and a 3-D visualization theater.

The following curricula are offered by this Department:

Biology (A.S.)

BIOLOGY	
A.S. Program	
Total Credits: 68	
First Semester	
BIO 109 Principles of Biology I	4
CHE 151 Inorganic Chemistry I	4
MAT 111 Pre-Calculus [^]	4
ENG 101 Composition I	3
Social Science Elective* [a course in American History preferred]	3
Total Semester Credits	18
Second Semester	
BIO 110 Principles of Biology II	4
CHE 152 Inorganic Chemistry II	4
MAT 122 Calculus I	4
ENG 102 Composition II	3
Social Science Elective* [a course in Western Civilization or Other Civilizations preferred]	3
Total Semester Credits	18
Third Semester	
BIO [200-level] Elective"	4
CHE 201 Organic Chemistry I	5
PED Activity	1
Humanities Elective* [a course in Fine and Performing Arts preferred]	3
Elective [a course in The Arts preferred]	3
Total Semester Credits	16
Fourth Semester	
BIO [200-level] Elective"	4
CHE 202 Organic Chemistry II	5
PED Activity	1
Humanities Elective* [a course in Foreign Languages preferred]	3
Elective [a course in Communications or Literature preferred]	3
Total Semester Credits	16

" Bio [200-level] Elective

Choose from BIO 201 (Anatomy), BIO 202 (Physiology), BIO 211 (Developmental Anatomy), BIO 212 (Comparative Anatomy), BIO 214 (Microbiology), BIO 215 (Histology), BIO 216 (Parasitology), BIO 219 (Field Biology), BIO 221 (Transmission Electron Microscopy), BIO 222 (Scanning Electron Microscopy) or BIO 231 (Biotechnology: Recombinant DNA Science).

* When selecting Social Science/Humanities electives consideration must be given to the inclusion of a course in Literature, and/or a course in Communication Arts, and/or a course in Fine and Performing Arts, and at least two courses from two of the three subcategories of Culture and Diversity.

[^] Initial level of mathematics course depends on math placement exam.

CHEMISTRY

OFFICE: Cluster C, Room 2055, (516) 572-7580.

CHAIRPERSON: Donna Eilerman, Donna.Eilerman@ncc.edu.

FACULTY: T. Black, V. Giannasio, C. Hicks, A. Mellace, E. Shenal, N. Sisti, C. Wynter.

TECHNICAL ASSISTANTS: M. Beck, K. Keegan, V. Sanchioli, R. Tavitian.

COURSES OFFERED: Chemistry (CHE).

Students studying chemistry may elect to pursue the A.A. or A.S. degree. Graduates pursue careers in education, industry, government, environmental science, health sciences, medicine, dentistry, pharmacy, and veterinary medicine. The Department operates an experimental complex consisting of six teaching laboratories and support facilities, including equipment required for instrumental analysis and medical laboratory analysis. Chemistry students who enter the College with less than three years of high school mathematics should select mathematics by advisement. Students may not enroll in any chemistry courses while taking any remedial courses. Curriculum and program selections should be made in consultation with a departmental advisor. Consumer Chemistry, CHE 108, and Contemporary Topics in Chemistry, CHE 109, fulfill the science requirements. All chemistry courses may be applied toward the College's laboratory science degree requirements. Facilities on campus include the Chemistry Department Learning Center with tutorial support located in C-115.

COMMUNICATIONS

OFFICE: Building H, Room 203, (516) 572-7170.

CHAIRPERSON: Jill Burgreen, Jill.Burgreen@ncc.edu.

FACULTY: E. Bogin, V. Chai, J. Cohen, J. Coppolino, P. Euler, J. Farrell Leontiou, F. Gulinello, R. Kane, S. Lewis, A. Naiman, L. O'Connell, D. O'Connor, S. Ogumah, D. Panzer, S. Samuels, J. Strahl, T. Webb.

TECHNICAL ASSISTANTS: K. Beckman, P. D'Angelo.

COURSES OFFERED:

Communications (COM)

American Sign Language (ASL)

Through the study and application of communications processes, content, and media, communications courses guide the student toward a better understanding of self and society and help develop more effective communications skills.

The department offers Associate of Arts Degrees in three areas: Communication Arts, American Sign Language and Media Studies. Moreover, courses are offered in areas such as: speech pathology, linguistics, business communications, culture and tv/film production.

The Communication Lab is a state-of-the art computer lab which is available to, and supports, all students enrolled in communication courses. The lab has audio and video supplementary materials and software programs where students complete required course work and may also receive one-to-one assistant with course related assignments. The Communications Lab is located in Building F, Room 117. To verify hours call 516-572-9671.

Lab attendance is required for all ASL classes.

Field trips required for ASL 152, ASL 153, ASL 252, and ASL 253.

The following curricula are offered by this Department:

American Sign Language (AA)

Communication Arts (AA)

Media (AA)

American Sign Language	
A.A. Program	
Total Credits: 66-69	
First Semester	
ASL 152 American Sign Language I *	3
COM 101 Interpersonal Communications	3
ENG 101 Composition I	3
SOC 201 Introduction to Sociology	3
Mathematics Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ASL 153 American Sign Language II *	3
*ASL 226 Communications and Culture in the Deaf Community	3
ENG 102 Composition II	3
Mathematics Elective	3-4
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17-18
Third Semester	
*ASL 252 American Sign Language III	3
COM 220 Communication and Language	3
English Elective **	3
Laboratory Science Elective	4
PSY 203 General Psychology I	3
Total Semester Credits	16
Fourth Semester	
*ASL 253 American Sign Language IV	3
HED Health Elective	2-3
Social Science Electives	6
General Electives ***	6
Total Semester Credits	17-18

* These classes may not be offered every semester. ASL 252 and ASL 253 will be offered at least once a year.

* Placement by departmental advisement.

** Recommended: ENG 226.

*** Recommended general elective: COM 222.

Communication Arts	
A.A. Program	
Total Credits: 66-69	
First Semester	
COM 101 Interpersonal Communications	3
ENG 101 Composition I	3
Mathematics Elective	3-4
Social Science Elective	3
Humanities Elective *	3
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
COM 103 Public Speaking	3
ENG 102 English Composition II	3
Mathematics Elective	3-4
Social Science Elective	3
Laboratory Science Elective	4
PED Activity Course (s)	1
Total Semester Credits	17-18
Third Semester	
Two COM courses (to be selected from the options below**)	6
English Elective	3
Social Science Elective	3
Laboratory Science Elective	4
Total Semester Credits	16
Fourth Semester	
One COM course (to be selected from options below**)	3
English or General Elective	3
Social Science Elective	3
Humanities Elective	3
General Elective	3
HED Health Elective	2-3
Total Semester Credits	17-18
* Course other than Communications.	

** COM course options:	
COM 119 – Interaction in Oral Interpretation	
COM 121 - Small Group Communication	
COM 123 - Argumentation and Debate	
COM 124 - Communication for Business and the Professions	
COM 125 - Effective Listening	
COM 220 - Communication and Language	
COM 222 - Nonverbal Communication	
COM 224 - Intercultural Communication	

Media	
A.A. Program	
Total Credits: 66-69	
Students are advised to check with the Communications Department each semester before they register.	
First Semester	
COM 103 Public Speaking	3
COM 110 Understanding Mass Media	3
ART 125 Photography I*	3
ENG 101 Composition I	3
Mathematics Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
(Broadcast Production Group)	
COM 109 Television Journalism or	
COM 170 Radio Production or	
COM 171 Television Studio Production or	
COM 172 Video Field Production	3
ENG 102 Composition II	3
Mathematics Elective	3-4
Laboratory Science Elective	4
Social Science Elective	3
Total Semester Credits	16-17
Third Semester	
(Media Studies Group)	
COM 113 Documentary Media or	
COM 210 Global Media	3
ENG 215 Journalism	3
Laboratory Science Elective	4
Humanities Elective**	3
Social Science Elective	3
PED Activity Course(s)	1
Total Semester Credits	17
Fourth Semester	
(Film Studies Group)	

COM 104 Film Appreciation or	
COM 107 Film Production or	
COM 112 History of Film	3
Social Science Electives	6
General Electives ***	6
HED Health Elective	2-3
Total Semester Credits	17-18

* Or other Art course by advisement.
 ** Course other than Communications.
 *** Suggested electives include COM 201 (Voice and Diction), COM 290 (Media Practicum), CMP 100 (Computer Literacy), CMP 101 (Introduction to Programming), ENG 111 (Technical Writing), ENG 251 (Film and Literature), MKT 100 (Marketing), MKT 106 (Principles of Advertising), MKT 138 (Public Relations), THR 107 (Stagecraft), or ART 133 (Graphic Design III).

CRIMINAL JUSTICE

OFFICE: Building G, Room 157, (516) 572-7178.

CHAIRPERSON: Robert Costello, Robert.Costello@ncc.edu.

FACULTY: A. al-Rahman, K. Cho, B. Delmage, J. Ferraro, R. Hodge, T. Hoffman, J. Lecci, P. Schmidt..

TECHNICAL ASSISTANT: J. Osovet

COURSES OFFERED: Criminal Justice (CRJ), Fire Science (FRS), Private Security Administration (PSA).

The Criminal Justice Department provides students with instruction in all areas of the criminal justice profession. We offer a broad liberal arts education, together with training and internships in the criminal justice system. The Department thoroughly familiarizes students with the functions of police, courts, correctional programs, law, protection management, crime prevention and their application to the community.

The following curriculum is offered by this Department:

Criminal Justice (A.S.) - Students choosing this program will be prepared for further study in the areas of criminal justice, law, public administration, sociology, or government. The program is best suited for those students planning to transfer to a four-year school, but is often used for entry-level positions in the criminal justice system. All criminal justice majors are required to take at least one class in each of the following areas: Policing, Probation/Parole, Security Administration, in addition to CRJ 105, CRJ 212 and CRJ 225.

Fire Science (A.S.)

Criminal Justice (A.S.) - Students choosing this program will be prepared for further study in the areas of criminal justice, law, public administration, sociology, or government. The program is best suited for those students planning to transfer to a four-year school, but is often used for entry-level positions in the criminal justice system. All criminal justice majors are required to take at least one class in each of the following areas: Policing, Probation/Parole, Security Administration, in addition to CRJ 105, CRJ 212 and CRJ 225.

Course Descriptions: Online or PDF

Criminal Justice	
A.S. Program	
Total Credits: 66-69	
Students pursuing the A.S. Degree in Criminal Justice are required to take CRJ 105, CRJ 212 and CRJ 225. Additionally, the student must take one course each from the following three areas of concentration: Policing, Probation/Parole/Corrections, Private Security Administration, and two (2) electives in Criminal Justice.	
First Semester	
ENG 101 Composition I	3
SOC 201 Introduction to Sociology	3
CRJ 105 (req.) Foundations of the Justice System	3
CRJ Elective Police Area of Concentration	3
Laboratory Science Elective	4
Total Semester Credits	16
Second Semester	
ENG 102 Composition II	3
PSY 203 General Psychology I	3
Criminal Justice Elective PSA Area of Concentration	3
Criminal Justice Elective	3
Laboratory Science Elective	4
PED Activity Course(s)	1
Total Semester Credits	17
Third Semester	
Mathematics Elective	3-4
CRJ 225 (req.) Criminal Law	3

CRJ Probation/Parole/Corrections Area of Concentration	3
Humanities Elective	3
Social Science Elective	3
PED Activity Course(s)	1
Total Semester Credits	16-17
Fourth Semester	
Mathematics Elective	3-4
CRJ 212 (req.) Research Problems in CRJ	3
Criminal Justice Elective	3
Humanities Elective	3
Social Science Elective	3
HED 200, HED 201, HED 251, HED 271 or HED 293	2-3
Total Semester Credits	17-19

Fire Science	
A.S. Degree	
Total Credits: 66-67	
First Semester	
BUS 112 Principles of Management	3
CHE 107 General Chemistry	4
ENG 101 Composition I	3
FRS 101 Introduction to Fire Science	3
PSY 203 General Psychology I	3
Total Semester Credits	16
Second Semester	
ENG 102 Composition II	3
FRS 102 Fire Safety and Tactics	3
PSA 225 Introduction to Emergency Management	3
SOC 201 Introduction to Sociology	3
Science Elective	4
Total Semester Credits	16
Third Semester	
FRS 201 High Rise/Structures and Systems	3
FRS 202 Fire Protection and Detection Systems	3
Humanities Elective	3
Mathematics Elective	3
PED 292 Safety and First Aid	3
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
CRJ 201 Criminal Investigation	3
FRS 203 Hazardous Materials in the Fire Service	3
HED 201 Personal and Family Health or	
HED 251 Human Sexuality	2-3
Humanities Elective	3
Mathematics Elective	3

PED 665 Basic Swimming and Rescue Technique I	1
PSA 231 Arson Inv. Safety Mngmnt. OSHA (Federal and State)	3
Total Semester Credits	18-19
Humanities:	
Art, Communications, English, Foreign Language, Music, Philosophy, Reading, Theatre.	
Recommended Courses:	
HED 200 (Concepts of Healthful Living & Stress Management)	
HED 231 (Death Education: A Health Prospective)	
HED 271 (Alcoholism, Addictions and Abusive Behaviors)	
MAT 102 (Introduction to Statistics)	
PED 301, PED 303 (Weight Training 1 & 2)	
PED 665 (Basic Swim & Rescue Techniques)	

ECONOMICS AND FINANCE

OFFICE: Building G, Room 155, (516) 572-7181.

CHAIRPERSON: Darleen Braunschweiger, Darleen.Monaco@ncc.edu

FACULTY: G. Frost, R. Trainer, E. Weeks.

COURSES OFFERED: Economics (ECO), Finance (FIN),
Interdisciplinary Global Studies (IGS).

Economics and Finance provide a bridge between the liberal arts and business programs by offering fundamental survey courses to satisfy the degree requirements of both social science and business students. The Department's courses provide an understanding of the origins, characteristics, and functions of economic and financial systems. The courses will enable students to develop critical thinking skills while studying the structure and dynamics of the U.S. and global economies. Economic and financial analyses are used to examine individual, business, and public sector decision-making to ascertain how these decisions impact society.

Liberal arts and non-business students who wish to gain an overview of the economic and financial system in one semester should take Survey of Economics (ECO 100) or any other general theory courses such as: Personal Finance (ECO 110/FIN 110), Introduction to Finance (ECO 111/FIN 111), Economic Development of the United States (ECO 215), Economics of the Developing World (ECO 216), Economic Geography of the World (ECO 222), and History of Economic Thought (ECO 280).

Students who plan to pursue a Baccalaureate degree in Economics, Finance, or Business should begin their studies by taking Principles of Macroeconomics (ECO 207) and Principles of Microeconomics (ECO 208), both of which provide a foundation for more advanced study in economics and finance. Then, after faculty advisement, students may choose from the following: Introduction to Investments (ECO 112 / FIN 112), Economic Statistics (ECO 212), Money and Banking (ECO 213/FIN 213), Corporate Finance (ECO 214 / FIN 214), Economics Development of the United States (ECO 215), Economics of the Developing World (ECO 216), International Economic Systems: A Study Abroad (ECO 218), American Banking Practices (ECO 220), Economic Geography of the World (ECO 222), Introduction to International Economics and Finance (ECO 230/FIN 230), History of Economic Thought (ECO 280), and Cooperative Education Internship (ECO 490/FIN 490). Students wishing to pursue study at the Baccalaureate level in economics or finance should consult an advisor in the Department of Economics and Finance.

The following curriculum is offered by this Department:

Financial Markets (Certificate):

The Financial Markets Certificate is designed to provide students with the financial skills and information needed for employment in a wide range of finance related fields (e.g. financial services, investment advisors, domestic and/or international banking and others). It is necessary to have a basic understanding of financial markets for those pursuing or maintaining careers in finance and this course of study is designed to develop this skill set.

This Certificate will also serve the general community by providing an understanding of financial investments and the associated tools needed for evaluation. This knowledge will provide the basis for better management of personal financial resources and sound financial decision-making.

Financial Markets (Certificate):

The Financial Markets Certificate is designed to provide students with the financial skills and information needed for employment in a wide range of finance related fields (e.g. financial services, investment advisors, domestic and/or international banking and others). It is necessary to have a basic understanding of financial markets for those pursuing or maintaining careers in finance and this course of study is designed to develop this skill set.

This Certificate will also serve the general community by providing an understanding of financial investments and the associated tools needed for evaluation. This knowledge will provide the basis for better management of personal financial resources and sound financial decision-making.

Course Descriptions: Online or PDF

Financial Markets	
Total Credits: 24	
First Semester **	
ECO 112/FIN 112 Intro to Investments	3
ECO 213/FIN 213 Money and Banking	3
Finance Elective (by advisement)	3
Free Elective (by advisement)	3
Total Semester Credits	12
Second Semester**	
ACC 101 Accounting	3
ECO 230/FIN 230 Intro to International Eco/Fin	3
ECO 214/FIN 214 Corporate Finance	3
Free Elective (by advisement)	3
Total Semester Credits	12
** ECO 207 Principles of Macroeconomics (3 credits) and ECO 208 Principles of Microeconomics (3 credits) are pre-requisites to complete the Certificate in Financial Markets	

ENGINEERING/PHYSICS/TECHNOLOGIES

OFFICE: Cluster D, Room 2087, (516) 572-7272.

CHAIRPERSON: Craig Capria, Craig.Capria@ncc.edu

FACULTY: C. Atwood, D. Balamore, D. J. Ciardullo, F. Frisenda, K. Gallagher, H. Giordano, C. M. Lee, R. Lucian, F. Schoenfeld, N. Simon, N. Shah-Giannaris, C. H. Tsai, T. Tweedy.

TECHNICAL ASSISTANTS: R. Guarino, C. Zebuda.

TECHNICIANS: Z. Durrani, R. Niemeier.

COURSES OFFERED: Civil Engineering Technology (CET), Computer Repair Technology (CRT), Construction Management, Electrical Engineering Technology (ELT), Engineering Science (ENS), General Science Studies (GSS), Multidisciplinary Science (MDS), Physics (PHY), Telecommunications Technology-Verizon option (TNY).

General Science Studies: These courses are 3-credit lecture and 4-credit lecture/laboratory science classes and may fulfill SUNY GenEd requirements. The ranges of four-credit courses that include a lab component offered in this category are: GSS 103/GSS 104 are the Science of Physics I and II; GSS 106 is the Science of Sound and Music; GSS 108 is the Science of Light and Color; GSS 111/GSS 112 are the Sciences of Our World I and II; and GSS 120, the Science of Electronics.

The three-credit non-lab science courses include GSS 122 the Science of Energy and GSS 126 Forensic Science. All the courses are specifically designed for the student wishing to gain an understanding of scientific ideas, methodologies, and principles that are specific to a relevant area of interest. A more detailed description of these courses can be found in the College catalog or the College Web-site.

Physics: The Physics courses available at NCC are designed to satisfy the requirements for instruction in Physics for students in many disciplines and meet the standards for transfer as "general education" courses within the various SUNY institutions. In addition, these courses are acceptable for transfer credit to most private colleges and universities. The sequences available include calculus and non-calculus based courses suitable to majors in Engineering, the Physical Sciences, Biological Sciences, Allied Health Sciences, Mathematics, and Education (High School Teachers of Physics). These courses may also be suitable for those students who have an interest in Physics and would like to satisfy their laboratory science requirement with courses in the discipline.

Telecommunications courses: The telecommunication courses at NCC are designed to satisfy the requirements and electives for the Computer Repair Technology program. The courses include basic electronic theory leading up to current and emerging technologies in telecommunications.

The following curricula are offered by this Department:

Civil Engineering Technology (A.A.S.) - The Civil Engineering Technology program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET). [Accreditation Director for Engineering Technology, Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202] The curriculum is balanced between liberal arts, mathematics, and civil engineering technology courses. Although many enter industry after graduation, others elect to transfer to Baccalaureate programs in engineering technology. Civil Engineering Technology graduates are guaranteed acceptance as juniors at Fairleigh Dickinson and Rochester Institute of Technology. Others have transferred to Pennsylvania State University, New Jersey Institute of Technology, University of North Carolina at Charlotte, and many other colleges. Civil engineering technicians are employed in all phases of the construction industry: small houses, building construction, highways, industrial plants, water supply, and sewage treatment plants. They work as concrete and steel designers, detailers, AutoCAD draftpersons, surveyors, estimators, construction superintendents, inspectors, and sales engineers. Their employers include architects; contractors; consulting engineers; land surveyors; equipment manufacturers; material suppliers; and federal, state, county, and town departments.

Computer Repair Technology (A.A.S.) - The Computer Repair Technology curriculum is designed to provide the knowledge and skills necessary to install, maintain, and repair microcomputer hardware and systems, as well as furnish support services to system users. The program will develop the necessary foundation in electronics and computer programming related to computer systems and networking. It will also focus on computer systems and networking. Principles and skills necessary to operate, troubleshoot, install and repair various types of computer systems and networks will be stressed. Graduates will be able to diagnose system hardware or software failures and perform the remedial actions necessary to correct these problems based on a knowledge of the system's operation. At the completion of the degree, the student will be prepared for the A+ certification exams. The student will also be prepared for various network certification exams (MCSE).

Electrical Engineering Technology (A.A.S.) - The Electrical Engineering Technology program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET). The ELT program is also accredited by the Federal Aviation Association (FAA) and part of the Collegiate Training Initiative (FAA-CTI). [Accreditation Director for Engineering Technology, Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202] This curriculum prepares students as electronic technicians to enter such fields as aerospace, communications, digital computer controls, and energy conversion. Within these and related fields they may perform duties as part of a research and development team or a manufacturing, test, or service group. Graduates may continue their education by pursuing studies towards a Bachelor's degree in engineering technology.

Engineering Science (A.S.) - Curriculum content and the overall program have been reviewed and endorsed by the New York State Association of Engineering Colleges. As such, qualified graduates transfer as juniors to numerous outstanding accredited engineering colleges in New York State. This list includes transfer to such institutions as Polytechnic Institute, Manhattan College, Rochester Institute of Technology, Cornell University, Columbia University, Clarkson University, Hofstra University, Syracuse University, Union College, New York Institute of Technology, SUNY at Stony Brook, SUNY Maritime, SUNY at Buffalo and SUNY at Binghamton. The program is also accepted with liberal arts transfer credit at out-of-state accredited schools of engineering such as Penn State and the Stevens Institute of Technology.

Telecommunications Technology-Verizon (A.A.S.) - The Telecommunication Technology-Verizon program provides an innovative, educational, skills-based program that enables Verizon employees to stay apace with advancing technology, to understand changing marketplace realities, and to enhance customer service skills through the acquisition of an Associate Degree in Applied Science with a focus on Telecommunications Technology. The result is an empowered, technologically competent, customer-accountable work force that is committed to the value of lifelong learning. This industry specific program is designed to admit current Verizon employees after a formal screening process has been completed. Enrollment is limited to Verizon employees.

Certificate in Construction Management is a one-year career oriented program which prepares the student for opportunities in construction contracting and management. The coursework prepares students to enter the field as assistant to the project superintendent or manager, estimator, scheduler, or inspector. Those individuals already in the field will gain skills and knowledge to further their careers at the safety management, site superintendent, and project management levels. The Certificate in Construction Management will also provide graduates of associate degree programs in Architectural or Civil Engineering Technology an opportunity to enhance their education or to focus on management career goals rather than those associated with design. Other professionals in architecture, management, and interior design may enroll in the program to understand the building design and construction process, construction budgets, estimates, and schedules; enhance computer skills in estimating, scheduling, and management

software; acquire knowledge of contract documents, building codes, and zoning regulations; understand safety issues; and develop skills in management and dispute resolution.

Civil Engineering Technology (A.A.S.) - The Civil Engineering Technology program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET). [Accreditation Director for Engineering Technology, Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202] The curriculum is balanced between liberal arts, mathematics, and civil engineering technology courses. Although many enter industry after graduation, others elect to transfer to Baccalaureate programs in engineering technology. Civil Engineering Technology graduates are guaranteed acceptance as juniors at Fairleigh Dickinson and Rochester Institute of Technology. Others have transferred to Pennsylvania State University, New Jersey Institute of Technology, University of North Carolina at Charlotte, and many other colleges. Civil engineering technicians are employed in all phases of the construction industry: small houses, building construction, highways, industrial plants, water supply, and sewage treatment plants. They work as concrete and steel designers, detailers, AutoCAD draftpersons, surveyors, estimators, construction superintendents, inspectors, and sales engineers. Their employers include architects; contractors; consulting engineers; land surveyors; equipment manufacturers; material suppliers; and federal, state, county, and town departments.

Course Descriptions: Online or PDF

Civil Engineering Technology	
A.A.S. Program	
Total Credits: 67	
First Semester	
CET 101 Construction Methods and Practices	2
CET 103 Introductory Civil Engineering Tech	2
CET 150 Blueprint Reading	3
ENS 105 Intro to CAD	2
ENG 101 Composition I	3
MAT 109 Algebra and Trigonometry	4
Total Semester Credits	16
Second Semester	
CET 111 Structural Drawing I	2
CET 201 Construction Estimating	2
CET 218 Statics of Structures	3
CET 231 Elementary Surveying	3
ENG 111 Technical Writing	3
MAT 111 Pre-Calculus	4
Total Semester Credits	17
Summer Session	
Social Science Elective	3

Third Semester	
CET 211 Structural Drawing II	2
CET 219 Mechanics of Materials	3
CET 222 Materials Testing Lab	1
CET 232 Route Surveying	3
COM 101 Interpersonal Communications	3
PHY 101 General Physics I	4
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
CET 223 Structural Steel Design	3
CET 225 Soils and Foundations	3
CET 240 Hydraulics	3
Social Science Elective	3
PHY 102 General Physics II	4
PED Activity Course (s)	1
Total Semester Credits	17

Computer Repair Technology (A.A.S.) - The Computer Repair Technology curriculum is designed to provide the knowledge and skills necessary to install, maintain, and repair microcomputer hardware and systems, as well as furnish support services to system users. The program will develop the necessary foundation in electronics and computer programming related to computer systems and networking. It will also focus on computer systems and networking. Principles and skills necessary to operate, troubleshoot, install and repair various types of computer systems and networks will be stressed. Graduates will be able to diagnose system hardware or software failures and perform the remedial actions necessary to correct these problems based on a knowledge of the system's operation. At the completion of the degree, the student will be prepared for the A+ certification exams. The student will also be prepared for various network certification exams (MCSE).

Course Descriptions: Online or PDF

Computer Repair Technology	
A.A.S. Program	
Total Credits: 67-69	
First Semester	
TCT 141 Telecommunications Circuits	4
CMP 103 Microcomputer Hardware and Software	4
ENG 101 Composition I	3
Mathematics Elective	4
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
TCT 144 Digital Electronics of Telecommunications	4
ITE 213 Data Communications and the Internet	3
COM 101 Interpersonal Communications	3
Mathematics Elective	3-4
Social Science Elective	3
Total Semester Credits	16-17
Third Semester	
CRT 201 Personal Computer Equipment Servicing I	4
Network Elective*	4
Laboratory Science (by advisement)	4
Social Science Elective	3
HED 201 or HED 251	2-3
Total Semester Credits	17-18

Fourth Semester	
CRT 202 Personal Computer Equipment Servicing II	4
Humanities Elective	3
Network Elective*	4
Technical Electives**	6
PED Activity Course (s)	1
Total Semester Credits	18

*Network Electives include ITE 223 Network Management I, ITE 253 Network Management II, TCT 253 Telecommunications III-LANS, and TCT 254 Telecommunications IV.

**Technical Electives include CMP, ITE or TCT courses.

Certificate in Construction Management is a one-year career oriented program which prepares the student for opportunities in construction contracting and management. The coursework prepares students to enter the field as assistant to the project superintendent or manager, estimator, scheduler, or inspector. Those individuals already in the field will gain skills and knowledge to further their careers at the safety management, site superintendent, and project management levels. The Certificate in Construction Management will also provide graduates of associate degree programs in Architectural or Civil Engineering Technology an opportunity to enhance their education or to focus on management career goals rather than those associated with design. Other professionals in architecture, management, and interior design may enroll in the program to understand the building design and construction process, construction budgets, estimates, and schedules; enhance computer skills in estimating, scheduling, and management software; acquire knowledge of contract documents, building codes, and zoning regulations; understand safety issues; and develop skills in management and dispute resolution.

Course Descriptions: Online or PDF

Construction Management	
Total Credits: 26	
Prerequisites:	
ENS 101 Graphics	1
CET 101 Construction Methods	2
CET 103 Introduction to CET	2
Total Semester Credits	5
First Semester	
CET 150 Blueprint Reading	3
CET 201 Construction Estimating	2
CET 250 Construction Planning and Scheduling	3
CET 252 Construction Safety	3
CET 111 Structural Drawing I	2
Total Semester Credits	13
Second Semester	
CET 107 Codes and Materials	3
CET 256 Construction Contracts and Specifications	2
CET 254 Mechanical and Electrical Equipment for Buildings	3
CET 260 Construction Management	3
CET 211 Structural Drawing II	2
Total Semester Credits	13

Electrical Engineering Technology (A.A.S.) - The Electrical Engineering Technology program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET). The ELT program is also accredited by the Federal Aviation Association (FAA) and part of the Collegiate Training Initiative (FAA-CTI). [Accreditation Director for Engineering Technology, Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202] This curriculum prepares students as electronic technicians to enter such fields as aerospace, communications, digital computer controls, and energy conversion. Within these and related fields they may perform duties as part of a research and development team or a manufacturing, test, or service group. Graduates may continue their education by pursuing studies towards a Bachelor's degree in engineering technology.

Course Descriptions: Online or PDF

Electrical Engineering Technology	
A.A.S. Program	
Total Credits: 68-70	
First Semester	
ELT 103 Elementary Engineering I	1
ELT 110 Technical Practices	2
ELT 112 Resistive Circuits	4
ENG 101 Composition I	3
Mathematics (by advisement)*	4
PED Activity Course(s)	1
Total Semester Credits	15
Second Semester	
ELT 113 Electronics I	4
ELT 115 Reactive Circuits	4
ELT 214 Digital I	3
Mathematics (by advisement)*	4
PED Activity Course(s)	1
Total Semester Credits	16
Summer	
Social Science Elective	3
English Elective***	3
Total Semester Credits	6
Third Semester	
ELT 213 Electronics II	4
ELT 215 Digital II	3
ELT 217 Lab in Digital Electronics	1

Technical Elective by advisement**	3-4
COM 101 Interpersonal Communications	3
Total Semester Credits	14-15
Fourth Semester	
ELT 310 Advanced Topics in Digital Technology	4
ELT 330 Electronic Communication	4
Technical Electives (by advisement)**	6-7
Social Science Elective	3
Total Semester Credits	17-18

*Math and technical electives are selected in consultation with departmental adviser and are based on the student's future needs (entering industry or continuing educational pursuits towards a Bachelor's degree in technology). There must be a minimum of 16 credits in math and sciences. Math selection is based on results of college Math placement exam; minimum requirement is MAT 109 and MAT 111.
 **Technical electives and Physics include: PHY 101-PHY 102 and ELT 203 Automatic Control Theory II.
 ***ENG 111 Technical Writing course is recommended.

Engineering Science (A.S.) - Curriculum content and the overall program have been reviewed and endorsed by the New York State Association of Engineering Colleges. As such, qualified graduates transfer as juniors to numerous outstanding accredited engineering colleges in New York State. This list includes transfer to such institutions as Polytechnic Institute, Manhattan College, Rochester Institute of Technology, Cornell University, Columbia University, Clarkson University, Hofstra University, Syracuse University, Union College, New York Institute of Technology, SUNY at Stony Brook, SUNY Maritime, SUNY at Buffalo and SUNY at Binghamton. The program is also accepted with liberal arts transfer credit at out-of-state accredited schools of engineering such as Penn State and the Stevens Institute of Technology.

Course Descriptions: Online or PDF

Engineering Science	
A.S. Program	
Total Credits: 69-71	
First Semester	
ENS 101 Graphics *	1
ENS 103 Elementary Engineering I	1
PHY 122 Mechanics	4
CHE 151 Inorganic Chemistry I	4
MAT 122 Calculus I	4
ENG 101 Composition I	3
NCC 101 The College Experience (by advisement)	1
Total Semester Credits	17-18
Second Semester	
ENS 104 Elementary Engineering II	2
ENS 205 Statics	3
PHY 123 Waves, Fluids, Heat	4
CHE 152 Inorganic Chemistry II	4
MAT 123 Calculus II	4
PED Activity Course(s)	1
Total Semester Credits	18
Third Semester	
ENS 206 Dynamics	3
ENS 225 Circuit Analysis I	4
PHY 222 Electricity and Magnetism	4
MAT 225 Multivariable Calculus	4
ENG 102 Composition II	3
Total Semester Credits	18

Fourth Semester	
Technical Electives **	6-7
MAT 234 Elementary Differential Equations	3
ECO 208 Principles of Microeconomics	3
Elective ***	3
PED Activity Course (s)	1
Total Semester Credits	16-17

*ENS 105 available as per departmental approval.
 **Engineering Technical Electives are selected based upon the student's intended Engineering major as follows:
 Electrical Engineering: ENS 226 Circuit Analysis II, PHY 223 Modern Physics and Lab;
 Mechanical/Civil: ENS 207 Mechanics of Materials, ENS 230 Engineering Thermodynamics;
 Chemical Engineering: This concentration must be declared before the first semester of attendance and requires a unique pattern with an emphasis on Chemistry.
 ***This course should be taken in summer session to allow for a more complete selection of Engineering electives and a lighter load during the academic year.

Telecommunications Technology-Verizon (A.A.S.) - The Telecommunication Technology-Verizon program provides an innovative, educational, skills-based program that enables Verizon employees to stay apace with advancing technology, to understand changing marketplace realities, and to enhance customer service skills through the acquisition of an Associate Degree in Applied Science with a focus on Telecommunications Technology. The result is an empowered, technologically competent, customer-accountable work force that is committed to the value of lifelong learning. This industry specific program is designed to admit current Verizon employees after a formal screening process has been completed. Enrollment is limited to Verizon employees.

Course Descriptions: Online or PDF

Telecommunications Technology, Verizon Option	
A.A.S. Program	
Total Credits: 60	
First Semester	
MAT 116 Technical Math I	4
CMP 101 Introduction to Computers	3
Total Semester Credits	7
Second Semester	
CRT 201 PC Equipment Servicing I	4
ENG 101 Composition I	3
Total Semester Credits	7
Third Semester	
CRT 202 PC Equipment Servicing II	4
MAT 117 Technical Math II	4
Total Semester Credits	8
Fourth Semester	
TNY 171 Telecommunications Circuits	4
PHY 110 Technical Physics	4
Total Semester Credits	8
Fifth Semester	
TNY 173 Telecommunications Electronics I	4
TNY 181 Telecommunications I - Voice Communications	4
Total Semester Credits	8

Sixth Semester	
TNY 273 Telecommunications Electronics II	4
TNY 282 Telecommunications II - Data Communication	4
Total Semester Credits	8
Seventh Semester	
TNY 283 Telecommunications III - LANS	4
ENG 102 English Composition II	3
Total Semester Credits	7
Eighth Semester	
TNY 284 Telecommunications IV - Advanced Topics	4
HIS 150 History of the Labor Movement	3
Total Semester Credits	7

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CHAIRPERSON: Bruce Urquhart, Bruce.Urquhart@ncc.edu.

FACULTY: E. Abele, M. Anzelone, S. Apostolidis, S. Ash, L. Badendyck, K. Ballerini, B. Barnard, F. Boodakian, L. Brett, B. Brown, S. Browne, G. Chapman, S. Cushman, T. D'Angelo, S. Davis, D. DeManuel, R. DiChiara, J. Dowling, S. Drucker, D. Esposito, M. Estevez, C. Fagan, P. Falk, R. Finneran, A. Fisher, B. Fruchter, C. Gebhardt, D. Ginsberg, J. Giordano, J. Gordon, A. Haridopolos, R. Hayman, E. Hegarty, B. Horn, S. Hosey, V. Hromulak, K. Jason, S. Kaebnick, B. Katz, A. King, A. Kupfer, M. Lannon, R. Lazaroff, K. Le Veness, R. Lieber, D. Litvak, Z. Liu, B. Lucas, H. Marcus, J. Marzan, J. Mastrototaro, M. McNair, W. Moeck, B. Murphy, R. Nazareth, R. Newman, M. Niemczyk, F. O'Connor, K. Okoampa-Ahoofe, T. Payne, D. Pecan, J. Pilaro, M. Plotnik, G. Pollio, P. Radecki, C. Rau, J. Rondell, P. Rosa, D. Rosner, M. Rotando, J. Samuels, R. Santos, N. Saxena, A. Schopp, C. Schwertman, R. Shabazz, I. Shaw, J. Silverman, B. Smith, N. Spencer, R. Spinks, M. Steinman, W. Stepp, T. Strode, M. Susko, A. Tabachnikov, L. Tucker, P. Venkateswaran, E. Wheeler, W. Williams, T. Wood, J. Woods.

COURSES OFFERED: English (ENG)

The Department undertakes to improve students' understanding of literature and their ability to write through the study of outstanding works of literature and through formal writing assignments.

Masterpieces of literature are interpreted against social, historical, and aesthetic backgrounds. The Department's ESL class (ENG 030) prepares non-native speakers of English to do the college-level writing required in a wide variety of degree and certificate programs. Students concentrating in English who intend to transfer to a four-year college are advised to take a maximum of 18 hours in English courses at Nassau Community College. A student seeking to transfer to a four-year school should also check the catalog of that institution to ascertain which literature courses should be taken at Nassau Community College.

English is a desirable pre-professional program for business and industry, law, federal service, government, publishing, advertising, public relations, marketing, writing, teaching, and other language-related fields. English is also recommended for premedical and other science-related fields. Placement into ENG 001 or ENG 101 is determined by preadmission testing through diagnostic essay. Advancement from ENG 001 to ENG 101 is based upon writing an exit essay, which is graded Satisfactory (S) by Placement Committee readers. In certain cases, a student's portfolio (a collection of instructor-approved, classwork-generated essays) may supersede a failing in-class final essay. Advanced Placement: Upon request, the Chair or Placement Coordinator will meet with students seeking exemption from ENG 101, which will be based on a review of his or her writing.

The Creative Writing Project: After successfully completing the English Department's ENG 102 or ENG 109 requirement, students may pursue their interest in writing plays and screenplays, fiction, and poetry in creative writing courses: ENG 313 Creative Writing, which includes all these genres, ENG 316 Play and Screen Writing, ENG 317 Fiction Writing, and ENG 318 Poetry Writing. Creative Writing classes are complemented by a program of campus visits by published authors who read and discuss their work with students, public readings/performances by student and faculty writers, and seminars on publishing. The student Creative Writing Club meets in the Creative Writing Resource Room in Bradley Hall 218 to share their writing in an informal setting and produces the student literary magazine.

Writing Center: The English Department's Writing Center is open to students of all levels interested in improving their writing in any discipline. Faculty members offer individualized and group instruction in expository and creative writing, research and documentation, as well as grammar and usage. ESL students receive assistance in language development and learning. Tutoring can also take place at a networked computer or online by e-mail. In addition, students are welcome to use the Department's PC lab for word processing and internet research. Weekly appointments and unscheduled drop-in sessions are available. We are also open most weekends when the Weekend College is in session.

OFFICE: Building M (Nassau Hall), 3rd floor, (516) 572-7414.

CHAIRPERSON: Maria Mann, Maria.Mann@ncc.edu.

FACULTY: S. Albanese, C. Arias, P. Desroches, R. Feit, S. Trica-Flores.

TECHNICAL ASSISTANT: V. Konovaliouk.

COURSES OFFERED: Arabic (ARA), Chinese (CHI), French (FRE), German (GER), Hebrew (HEB), Italian (ITA), Japanese (JPN), Latin (LAT), Portuguese (POR), Russian (RUS), Spanish (SPA).

Language Center: A well-equipped language laboratory supplements the instructional program.

Placement Advisory:

Course Level/High School Foreign Language Background:

For the 101 level is 1-2 yr. H.S., or equivalent, or a beginning student.

For the 102 level is 2-3 yrs. H.S., or equivalent.

For the 201 or 202 level is 3-4 yrs. H.S., or equivalent.

For the 205-206* level is a Bilingual Background.

For the 301 - 404 level is 4 or more yrs. H.S. or at discretion of instructor, or successful completion of 202 or 206.

*NOTE: 205 and 206: Can be taken instead of 201 and 202, but not in addition to 201 and 202.

1. Students considered by the instructor to be either under-prepared or too advanced will be expected to change to an appropriate level. For students starting out or already enrolled in a language at NCC, the sequence is 101, 102, 201, 202. After 202 a student may choose from any of the following: 301, 302, 401, 402, 403, 404. The following specialized courses are also offered: FRE 225 (French for Business); ITA 225 (Italian for Business); SPA 110 (Spanish for Hotel Personnel); SPA 121 (Spanish for Law Enforcement Personnel); SPA 205 - SPA 206 (Intermediate Spanish for Bilingual Speakers I-II); SPA 225 (Spanish for Business); SPA 251 - SPA 252 (Practical Spanish for Medical Personnel).

2. Students wishing to pursue study at the Baccalaureate level in this subject should see departmental advisors. Contact the Department for further information.

OFFICE: Cluster P, Room 218, (516) 572-7519.

CHAIRPERSON: Edward Mack, Edward.Mack@ncc.edu

FACULTY: K. Abrams, D. Bacon, L. DellAquila, R. Feigenbaum, S. Kane, D. Karras, A. Maddaluno, N. Malmud, J. Marra, G. Powers, C. Sears, R. Speckmann, R. St.Angelo, M. Toomey, A. Veit Cleveland.

TECHNICAL ASSISTANTS: S. Mitchell, T. Prohinsie.

PROGRAMS OFFERED:

Alcoholism & Addictions Counseling (A.S.)

Health Studies (A.S.)

Credentialed Alcohol & Substance Abuse Counselor (CASAC)

(Cert.)Physical Education Studies (A.S.)

COURSES OFFERED: Health and Physical Education (HED, PED).

The Department offers courses for students who wish to pursue a career in physical education. They are required to complete a minimum of eight activity courses (PED 140 - PED 187) as well as Introduction to Physical Education (PED 190), and Safety and First Aid (PED 292). These courses are designed to develop attitudes, appreciation, personal skills, and applied techniques in all types of activities included in the broad physical education program. The Department offers an A.S. Degree in Health Studies. Students who wish to pursue careers in school or community health are required to take Personal Health (PED 291), Community Health (HED 293), and other courses by advisement. It is strongly recommended that interested students make an appointment with the health education advisor to ensure proper course selection.

Special Note to All Students: Satisfactory completion of one of the following six courses may be required for some programs: Concepts of Healthful Living and Stress Management (HED 200), Personal and Family Health (HED 201), Issues in Death and Dying (HED 231), Human Sexuality: Cultural Perspective (HED 251), Alcoholism and Addictions, and Abusive Behaviors (HED 271), or Community Health (HED 293). Further, all full-time day students must complete two semesters of physical education for a total of two credits. See "Physical Education requirement" for more information. In the case of medical limitations or special situations, a student will be permitted to enroll in a special class to fulfill the physical education requirement. Such special cases must be brought to the attention of the Department upon enrollment at the college. Students wishing to pursue study at the baccalaureate level in this subject should see departmental advisors.

**ALCOHOLISM and
ADDICTIONS COUNSELING****A.S. Program****Total Credits: 67**

HMS 205 Community Service Internship	3
Total Semester Credits	18

First Semester

ENG 101 Composition I	3
MAT 101 Concepts of Mathematics	3
BIO 101 General Biology I	4
PED Activity Course (s)	1
HED 271 Alcoholism, Addictions and Abusive Behavior	3
HMS 101 Introduction to Human Services	3
Total Semester Credits	17

Second Semester

SPS 111 Understanding Substance Use, Abuse and Addiction	3
HMS 117 Introduction to Community Service	3
HED 231 Death Education: A Health Prospective	3
PSY 203 General Psychology I	3
Humanities Elective	3
PED Activity Course (s)	1
Total Semester Credits	16

Third Semester

ENG 102 Composition II	3
MAT 102 Statistics	3
BIO 115 Human Nutrition	4
HED 272 Alcoholism and Addictions: Modalities, Prevention and Treatment	3
HMS 102 Interviewing in Human Service Practice	3
Total Semester Credits	16

Fourth Semester

Humanities Elective	3
HED 251 Human Sexuality	3
HMS 200 Community Service Skills	3
PSY 216 Lifespan Human Development	3
PSY 215 Abnormal Psychology	3

Health Studies		HED 251 Human Sexuality HED 231 Death Education: A Health Prospective HED 271 Alcoholism, Addictions and Abusive Behaviors HED 205 Consumer Health Care and Protection PED 292 Safety and First Aid
A.S. Program		
Total Credits: 64-66		
First Semester		
ENG 101 Composition I	3	
MAT Elective	3-4	
AHS 131 Anatomy and Physiology I	4	
SOC 201 Introduction to Sociology	3	
HED 200 Concepts of Healthful Living and Stress Management	3	
Total Semester Credits	16-17	
Second Semester		
ENG 102 Composition II	3	
Human Service Elective	3	
PED Activities	1	
PSY 203 General Psychology I	3	
AHS 132 Anatomy and Physiology II	4	
Health Elective*	3	
Total Semester Credits	17	
Third Semester		
Mathematics Elective	3-4	
Humanities Elective	3	
Health Elective	3	
PSY 241 Social Psychology or PSY 215 Abnormal Psychology	3	
SOC 225 Sociology of Health Care	3	
Total Semester Credits	15-16	
Fourth Semester		
HED 293 Community Health	3	
Health Elective*	3	
PED Activities	1	
COM 101 Interpersonal Communications	3	
Electives (Culture and Diversity)	6	
Total Semester Credits	16	
* Recommended Electives:		

**CREDENTIALLED ALCOHOL
AND SUBSTANCE ABUSE
COUNSELOR (CASAC)****Total Credits: 36****First Semester**

HED 271 Alcoholism, Addictions and Abusive Behaviors	3
SPS 111 Understanding Substance Use, Abuse and Addiction	3
HMS 117 Introduction to Community Service	3
HMS 101 Introduction to Human Services	3
HED 251 Human Sexuality	3
PSY 203 General Psychology I	3
Total Semester Credits	18

First Semester

HED 272 Alcoholism and Addictions: Modalities, Prevention and Treatment	3
HMS 205 Community Service Internship	3
HMS 200 Community Service Skills	3
HMS 102 Interviewing in Human Service Practice	3
PSY 216 Lifespan Human Development	3
PSY 215 Abnormal Psychology	3
Total Semester Credits	18

Physical Education Studies	
A.S. Program	
Total Credits: 66-68	
First Semester	
ENG 101 Composition I	3
Math Elective ¹	3-4
PED 190 Introduction to Physical Education	3
Social Science Elective ²	3
PED Activities/Methods	3
Total Semester Credits	15-16
Second Semester	
ENG 102 Composition II	3
Social Science Elective ²	3
PED 291 Personal Health for Physical Education and Health Majors	3
Math Elective	3-4
PED Activities/Methods	2
General Elective	3
Total Semester Credits	17-18
Third Semester	
HED 251 Human Sexuality	3
Humanities Elective ³	3
AHS 131 Anatomy and Physiology I	4
BUS 110 Introduction to Business	3
PED Activities/Methods	1
General Elective	3
Total Semester Credits	17
Fourth Semester	
AHS 132 Anatomy and Physiology II	4
PED 292 Safety and First Aid	3
Humanities Elective ³	3
General Elective	3
CMP Elective	3
PED Activities/Methods	1
Total Semester Credits	17

1 Recommend MAT 102	
2 Recommend for Teacher Education PSY 203/EDU 208	
3 Recommend Foreign Language for Teacher Ed.	

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CHAIRPERSON: Paula Carlo, Paula.Carlo@ncc.edu

FACULTY: M. Alonso, M. Anderson, E. Boyden, A. Bruce, P. Caro, R. Cunsolo, R. Genter, M. James, S. Maurer, C. Poullos, S. Sapiie, S. Segalla, F. Siminoff, J. Vessels.

COURSES OFFERED: History (HIS), Interdisciplinary (IGS), Political Science (POL), Geography (GEO).

In the area of history, the Department offers basic courses in Western civilization and non-Western civilizations; in the field of political science, the Department offers courses in national, international, state, and local governments. A selective program of electives is also provided in history, geography, and political science designed to meet the varied needs of both the general student and the student who wishes to pursue those studies. Computer-assisted instruction is available in selected history courses. Students who wish to pursue history are advised to incorporate into their program a maximum of 18 history credits, including History of Western Civilization I-II (HIS 101 - HIS 102) and History of the U.S. I-II (HIS 103 - HIS 104). It is also recommended they take at least 3 credits in political science. Students who wish to pursue political science must take a minimum of 12 credits in political science in addition to HIS 101 - HIS 102 or HIS 103 - HIS 104. Students wishing to study geography should take GEO 101 (Introduction to Geography) plus available electives (GEO 103, GEO 201). History, economics, anthropology, geology, and environmental science courses are recommended as supplements. Students wishing to pursue study at the baccalaureate level in these subjects should see departmental advisors.

OFFICE: Building K, Room 14, (516) 572-7344

CHAIRPERSON: Anne Cubeta, Anne.Cubeta@ncc.edu

FACULTY: C. Argento, L. Boire, A. Bruno, T. Field, S. Keneally, E. Schafler.

TECHNICAL ASSISTANT: S. Bynum, R. Madura

COURSES OFFERED: Hospitality Business (HTL), Nutrition (NTR).

These professionally oriented programs offer students the opportunity to specialize in course work related to the hospitality industry, and culminate in the A.A.S. and A.S. degrees and certificates. Students are prepared for professional and middle management positions in various areas of the industries. Hotel students may anticipate employment positions in various operations such as: guest service representation, hotel front desk, housekeeping, and auditing. Restaurant management students find employment as food and beverage managers, food service directors, and banquet and catering managers.

An A.S. degree in Food and Nutrition prepares students for careers in Nutrition Education and Dietetics. Specialized courses provide students with a wide range of knowledge in the industry. Students are exposed to current culinary laboratory and food production methods. In addition, on-the-job training is provided through a cooperative work experience program conducted with local industry professionals. A fully equipped laboratory features all the facilities necessary for students to prepare and serve meals. Computer labs are used to assist the students in teaching the Hotel Front Office course, the Food and Beverage Operations course and the Food and Beverage Merchandising course. A state of the art dietary analysis program prepares students for healthcare facilities.

A course of study is available for certification in Dietary Management and Food Service Technology. Unique work study and course opportunities in Europe and Walt Disney World are offered. Students are required to work at special food and beverage functions offered to the College community as part of their course work.

The A.S. degree in Food and Nutrition is designed for students wishing to transfer to a four-year program in Nutrition with the goal of becoming a Registered Dietitian. The program provides the foundation courses, science courses and Food Service Management courses required by the American Dietetic Association for four-year programs in Dietetics, enabling students to transfer to these institutions with ease. The Dietary Management one-year certificate program is for those students desiring certification as a Dietary Manager. The program is fully accredited by the Dietary Managers Association and will combine our current course offerings with a Registered Dietitian supervised field experience. Graduates are eligible for membership in the Dietary Managers Association (DMA) and will be qualified to sit for the national credentialing exam to become a Certified Dietary Manager (CDM). The coursework will also allow the students to earn 30 college credits towards an A.A.S. degree in Food Service Management.

The following curricula are offered by this Department:

Dietary Management Certificate

Food and Nutrition (A.S.)

Food Service Administration, Restaurant Management (A.A.S.)

Food Service Technology Certificate

Hotel Technology Administration (A.A.S.)

Dietary Management	
Total Credits: 30	
First Semester	
HTL 171 Food and Beverage Operations	3
HTL 174 Fundamentals of Food Production	3
HTL 162 Hospitality Human Resources	3
NTR 158 Social and Cultural Aspects of Food	3
NTR 183 Dietary Management	3
Total Semester Credits	15
Second Semester	
NTR 195 Nutrition Through the Life Cycle	3
HTL 172 Food Services Cost Analysis	3
HTL 165 Facilities Planning and Design	3
HTL 175 Food and Beverage Merchandising	3
NTR 184 Dietary Management Field Experience	3
Total Semester Credits	15

Food and Nutrition	
A.S. Degree	
Total Credits: 66-70	
First Semester	
ENG 101 Composition I	3
HTL 174 Fundamentals of Food Production	3
Math Elective*	3-4
PSY 203 General Psychology I	3
AHS 131 Anatomy and Physiology I	4
PED Activity Elective (s)	1
Total Semester Credits	17-18
Second Semester	
ENG 102 Composition II	3
HTL 176 Advanced Food Production	3
HTL 171 Food and Beverage Operations I	3
Social Science Elective	3
AHS 132 Anatomy and Physiology II	4
PED Activity Elective (s)	1
Total Semester Credits	17
Third Semester	
BIO 115 Human Nutrition	4
NTR 158 Social and Cultural Aspects of Food	3
CHE 131 General Chemistry I	4
Humanities Elective*	3
HED Health Elective	2-3
Total Semester Credits	16-17
Fourth Semester	
HTL 172 Food Services Cost Analysis	3
Science Elective*	3-4
Humanities Elective*	3
CHE 132 General Chemistry II or other Laboratory Science*	4
Mathematics Elective*	3-4
Total Semester Credits	16-18

*Selections to be made according to future transfer goals.
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Food Service Administration, Restaurant Management A.A.S. Program	Humanities Elective	3
	Laboratory Science Elective	4
	Social Science Elective	3
TOTAL CREDITS: 68-69	Total Semester Credits	16

First Semester

HTL 161 Hospitality Management	3
HTL 171 Food and Beverage Operations	3
HTL 175 Food and Beverage Merchandising	3
ENG 101 Composition I	3
MKT 101 Business Math	3
PED Activity Course (s)	1
Total Semester Credits	16

*Choose from HTL 150 (Introduction to Tourism), HTL 155 (International Hospitality Industry), HTL 174 (Fundamentals of Food Production), HTL 180 (Front Office Management), HTL 190 (International Wines and Beverages), or MKT 100 (Marketing), or NTR 158 (Social and Cultural Aspects of Foods), NTR 195 (Nutrition Through the Life Cycle) or NTR 183 (Dietary Mgmt).

Second Semester

HTL 162 Hospitality Human Resources	3
HTL 165 Facilities Planning and Design	3
HTL 172 Food Services Cost Analysis	3
HTL 174 Fundamentals of Food Production	3
Mathematics Elective	3
PED Activity Course (s)	1
Total Semester Credits	16

Summer Session

HTL 242 Hospitality Internship	3
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Third Semester

HTL 176 Advanced Food Production Techniques	3
HTL 178 Event Planning	3
ACC 101 Principles of Accounting I	3
COM 101 Interpersonal Communications	3
HED Health Elective	2-3
Social Science Elective	3
Total Semester Credits	17-18

Fourth Semester

HTL Elective*	3
HTL 205 Food and Beverage Operations Research Seminar	3

Food Service Technology	
Total Credits: 30	
First Semester	
HTL 161 Hospitality Management	3
HTL 165 Facilities Planning and Design	3
HTL 171 Food and Beverage Operations	3
HTL 174 Fundamentals of Food Production	3
HTL 175 Food and Beverage Merchandising	3
Total Semester Credits	15
Second Semester	
HTL 162 Hospitality Human Resources	3
HTL 172 Food Services Cost Analysis	3
HTL 176 Advance Food Preparation Technique	3
HTL 205 Food and Beverage Operations Research Seminar	3
Minimum 15 credits including Field Training	
HTL 242 Hospitality Internship – Summer Session I and II (350 hours) May be completed in Fall Semester with Professor's permission	3
Total Semester Credits	15
These courses are identical to those currently offered in the Restaurant Management Degree Program in Hotel/Restaurant. Credit for them would apply toward the degree should the student elect to continue into the second year and matriculate for the degree.	

Hotel Technology Administration	
A.A.S. Program	
Total Credits: 68-69	
First Semester	
HTL 161 Hospitality Management	3
HTL 171 Food and Beverage Operations	3
HTL 175 Food and Beverage Merchandising	3
ENG 101 Composition I	3
MKT 101 Business Mathematics	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
HTL 162 Hospitality Human Resources	3
HTL 165 Facilities Planning and Design	3
HTL 172 Food Services Cost Analysis	3
MKT 103 Principles of Sales	3
Mathematics Elective (MAT 101 or MAT 102)	3
PED Activity Course (s)	1
Total Semester Credits	16
Summer Session	
HTL 242 Hospitality Internship	3
Third Semester	
HTL 178 Event Planning	3
HTL 180 Front Office Management	3
ACC 101 Principles of Accounting I	3
COM 101 Interpersonal Communications	3
Social Science Elective	3
HED Health Elective	2-3
Total Semester Credits	17-18
Fourth Semester	

HTL Elective*	3
HTL 200 Hotel Operations Research Seminar	3
Laboratory Science Elective	4
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	16
*Choose from HTL 150 (Introduction to Tourism), HTL 155 (International Hospitality Industry), HTL 174 (Fundamentals of Food Production), HTL 180 (Front Office Management), HTL 190 (International Wines and Beverages), or MKT 100 (Marketing).	

The Human Rights Project (HRS) promotes an understanding of worldwide genocide and human rights oppression and activism through academic coursework and co-curricular events open to the college and community at large.

The Jewish Studies Project (JWS) provides students with an introduction to the world of Judaism beyond the limited images presented by mainstream media. JWS 101 presents the fascinating multicultural, multiracial diversity of the world Jewish experience through readings, discussions, field trips, films, and guest speakers from various academic and artistic disciplines. JWS 101 transfers to four-year colleges; students from all backgrounds and fields are welcome to enroll. Related courses are Literature of the Holocaust, Department of English, and Hebrew, Department of Foreign Languages. The Jewish Studies Project also sponsors events and presentations open to the campus and outside communities. For further information, contact the Jewish Studies Project Coordinator, Professor Barry Fruchter, Bradley Hall, room 203-B, (516) 572-7188, Barry.Fruchter@ncc.edu.

The Latin American Studies Project (LAS) promotes an understanding of Latin American and US-Latino peoples, cultures, history, literature, politics, economics, and relations with the US and other countries. The project offers courses in various departments, History, English, Economics and Foreign Languages, and two interdisciplinary courses: LAS 101 Introduction to Latin American Studies and LAS 105 Introduction to Latino/a Studies. These courses help students explore this field of study and provide a useful background for different careers. For more information and/or advisement, contact Dr. Ines Shaw, Bradley Hall, room 228, 572-7840, shawi@ncc.edu.

Multidisciplinary Courses (MDC) are designed to make connections between ideas in different disciplines, especially in the sciences and humanities. In the contemporary world it is important to see that events, discoveries, and social policies, as well as the creative arts, are motivated by some of the same ideas, and that they constantly influence one another. The world is a multidisciplinary place, and learning should follow suit. The five courses offered are open to all students in any field, especially those who intend to move on to a four-year school or compete for meaningful employment in a complex world. MDC 102 and MDC 130 may be taken for General Elective credit. There are no prerequisites and they also may be taken in any order. For further information, contact MDC Program Coordinator, Professor Joan Sevick, Bradley Hall, room 3A, (516) 572-8179, sevickj@ncc.edu.

Multidisciplinary Science Courses (MDS) are 4-credit Laboratory Science classes and have been approved as SUNY GenEd requirements. There are currently two courses in this area. MDS 101, Connecting the Sciences: a Macroscopic Approach examines scientific ideas, methodology, and principles by studying the evolution of the universe, solar system, and Earth. MDS 102: Connecting the Sciences: A Microscopic Approach examines scientific ideas, methodology, and principles by studying the evolution of life through the organization of atoms into living and nonliving structures. Both of these courses emphasize "hands-on" laboratory investigations. A more detailed description of these courses can be found under course descriptions. For further information, contact MDS Coordinator, Professor Frank Frisenda, Cluster D, Room 2086, 572-3556, frisenf@ncc.edu.

Women's Studies (WST) a multidisciplinary project emphasizing diversity, serves hundreds of students each academic year. Sponsoring departments include Art, Communications, Economics, English, History, Health/PED, Library, and Sociology. Every term we offer several sections of Introduction to Women's Studies (WST 101), a course that examines women's roles cross-culturally in the family, workplace, community, professions, and popular culture. A second course, Women's Issues in Global Context (WST 201), looks at labor, reproductive rights, education, sexual identity, and grassroots activism in targeted areas around the world. In addition, the Project recommends a variety of related courses in Communications, English, History, and Sociology. For further information, contact WST Program Coordinator,

Professor Barbara Horn, Bradley Hall, room 203A, (516) 572-7721, Barbara.Horn@ncc.edu.

OFFICE: Cluster A, Room 3015, (516) 572-7626.

CHAIRPERSON: Joan Alexander, Joan.Alexander@ncc.edu.

FACULTY: J. Caruso, S. Feder, M. Fleming, D. Holzmman, E. Salvi, P. Sherman.

PARALEGAL PROGRAM CO-ORDINATOR: Adrienne Motel, Adrienne.Motel@ncc.edu

ASSISTANT DIRECTOR AND DIRECTOR OF WEEKEND

PROGRAM: Ann Harrison.

COURSES OFFERED: Sports Law, Business Law, Paralegal Studies, The Nature and Functions of Law and Introduction to Current Law.

Departmental Requirements and Guidelines for Paralegal Students:

The Legal Studies Department is strongly committed to the concept of legal education within the framework of practical paralegal skills. The following guidelines have been established:

1. A minimum grade of "C" is required in each law class in the Paralegal curriculum.
2. Professional attitude, regular class attendance, punctuality and appropriate professional demeanor are required of Paralegal students. These criteria have been established in order to uphold the standards of the paralegal profession and legal community, as a whole. Interested students wishing to obtain further information, and a copy of the Departmental Requirements and Guidelines, may contact the Paralegal Program at (516) 572-7774.

The following curricula are offered by this Department:

Paralegal (A.A.S.) - The paralegal program, approved by the American Bar Association, is designed to give the graduate a broad understanding of the law, practical skills, and experience in a legal setting. Employment opportunities for paralegals exist in law offices, banks, insurance companies, private industry, title companies, and government. The paralegal works under the supervision of an attorney and can assist in all phases of practice except giving legal advice, appearing in court, and setting fees. Students should consult with the Department regarding opportunities available for transfer of credit.

Paralegal Studies (Cert.) - The American Bar Association approved Certificate program in Paralegal Studies is designed to meet the needs of the college graduate seeking a career as a paralegal. In order to be eligible for admission, a student must have either an Associate or Baccalaureate degree. Students with an Associate degree must meet the minimum general education requirements set by the American Bar Association.

Paralegal (A.A.S.) - The paralegal program, approved by the American Bar Association, is designed to give the graduate a broad understanding of the law, practical skills, and experience in a legal setting. Employment opportunities for paralegals exist in law offices, banks, insurance companies, private industry, title companies, and government. The paralegal works under the supervision of an attorney and can assist in all phases of practice except giving legal advice, appearing in court, and setting fees. Students should consult with the Department regarding opportunities available for transfer of credit.

Course Descriptions: Online or PDF

Paralegal	
A.A.S. Program	
Total Credits: 65-67	
Students who have an Associate or Baccalaureate degree should see information about the Paralegal Studies Certificate Program in this catalog. Because of the complexity of the program, students must be advised by the Paralegal Department. A minimum grade of "C" is required in all LAW courses.	
First Semester	
ACC 101 Principles of Accounting I	3
ENG 101 Composition I	3
LAW 103 Business Law I	3
LAW 300 Introduction to Law and the Legal System	3
Math Elective	3-4
PED Activity Course (s)	1
Total Semester Credits	16-17
Second Semester	
ENG 102 Composition II	3
Laboratory Science Elective	4
LAW 104 Business Law II	3
LAW 305 Legal Research and Writing*	3
LAW 309 Law Office Management	3
PED Activity Course (s)	1
Total Semester Credits	17
Third Semester	
LAW 301 Litigation	3

LAW 304 Real Property	3
Paralegal Elective**	6
Social Science Elective	3
HED Health Elective	2-3
Total Semester Credits	17-18
Fourth Semester	
LAW 306 Practicum or	
Paralegal Elective	3
Paralegal Electives*** (Select two courses)	6
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	15

*LAW 305 is a required paralegal course and is a prerequisite for most Paralegal specialty courses.
 **Paralegal Electives:
 LAW 302 Partnerships and Corporations, LAW 303 Estates and Administration, LAW 307 Torts and Investigation, LAW 308 Family Law, LAW 310 Bankruptcy/Debtor-Creditor Law, LAW 311 Legal Writing and Analysis, LAW 312 Elder Law.

Paralegal Studies (Cert.) - The American Bar Association approved Certificate program in Paralegal Studies is designed to meet the needs of the college graduate seeking a career as a paralegal. In order to be eligible for admission, a student must have either an Associate or Baccalaureate degree. Students with an Associate degree must meet the minimum general education requirements set by the American Bar Association.

Course Descriptions: Online or PDF

LAW 303 Estates and Administration	
LAW 307 Torts and Investigation	
LAW 308 Family Law	
LAW 310 Bankruptcy/Debtor-Creditor Law	
LAW 311 Legal Writing and Analysis	
LAW 312 Elder Care	
Optional - LAW 306 Practicum	3

<p>Paralegal Studies Certificate Total Credits: 21</p> <p>A student must have either an Associate or baccalaureate degree to be eligible for admission to the Certificate program.</p> <p>Students with an Associate degree must meet the minimum general education requirements set by the American Bar Association. All other students should request information about the A.A.S. degree program. This curriculum is the recommended sequence for fulltime day students. It can be completed in one and a half semesters of full time study.</p> <p>The sequence can be modified for evening and part-time students. Because of the complexity of the program, all advisement must be obtained from the Paralegal Program Department. A minimum grade of "C" is required in all Law courses.</p>	
<p>First Semester - Full Semester</p>	
LAW 300 Introduction to Law and the Legal System	3
LAW 301 Litigation	3
LAW 304 Real Property	3
LAW 305 Legal Research and Writing	3
LAW 309 Law Office Management	3
Total Semester Credits	15
<p>Second Semester - Half Semester</p>	
Paralegal Electives (6 credits selected from the following 3 credit courses)	
LAW 302 Partnerships and Corporations	

OFFICE: Library, (516) 572-7406.

CHAIRPERSON: Nancy Williamson, Nancy.Williamson@ncc.edu.

FACULTY: K. Bellafiore, C. Butler, D. Crugnola, J. Day, L. Errico, K. Frazier, L. Gorman, R. Humes, G. Leibowitz, C. Owusu, S. Russin, D. Seidl, M. Spiegelman, B. Wise.

TECHNOLOGISTS: R. Delbango, S. Emin, R. Erben.

COURSES OFFERED: Library 100, Library 101.

Marketing, Retailing, Fashion Buying and Merchandise, Fashion Design and Interior Design

OFFICE: Cluster B, Room 2037, (516) 572-7587.

CHAIRPERSON: Pat Lupino, Pat.Lupino@ncc.edu.

FACULTY: G. Arend, R. Battle, S. Beganskas, N. Bloom, A. Bruno, R. Casciola, J. de la Lastra, M. Ehlen, R. Hagelman, D. Hope, T. Lowenstein, J. Mandel, M. McNamara, H. O'Connell, J. Pescatore, J. Reihing, S. Rose, T. Sands, R. Scarpelli, S. Wolfe.

TECHNICAL ASSISTANTS: D. Rosenthal, D. Velez

COURSES OFFERED: Fashion Buying and Merchandising (FBM), Fashion Design (FSD), Marketing (MKT), Retail Business Management (RET), Interior Design (INT)

The following curricula are offered by this Department:

Fashion Buying and Merchandising (A.A.S.) – Students have the opportunity to specialize in a concentration of applied fashion merchandising courses. Specialized courses include: Fashion Advertising and Promotion, Introduction to Menswear, Fashion Apparel, Introduction to Import Buying, Fashion and Home Accessories, Fashion Coordination and Publicity, and Interior Design. As part of the program, students will study textiles, visual merchandising, retailing, and retail buying. Students will also have the opportunity to participate in a Cooperative Work Experience Program gaining valuable on-the-job experience. The degree prepares students for positions in resident buying offices, fashion manufacturers, designers' showrooms, retail stores, fashion publications, and other firms associated with the fashion industry.

Fashion Design (A.A.S.) – Qualified students have the opportunity to complete the Associate in Applied Science (A.A.S.) degree in the field of fashion design. Draping, sketching, patternmaking, and garment construction will be taught using techniques and equipment employed in industry. Students will develop the skills necessary to translate their original sketches into finished garments. In addition to their coursework, students are encouraged to participate in industry-sponsored and community events. During the spring semester, students produce a fashion show, showcasing the fourth semester students' lines and the term garments of the first-year students. Students will participate in an internship program in a design firm studio. The academic and practical experiences attained in this program provide a basis for employment as a designer, assistant designer, stylist, or patternmaker. Graduates may transfer to a four-year college to pursue a Bachelor of Fine Arts or Bachelor of Science degree. Because of the creative and technical nature of this area of study, applicants are asked to submit a portfolio of their artwork. Guidelines for this informal portfolio interview will be sent to students in a letter requesting they schedule an appointment for portfolio review.

Interior Design/Home Furnishing (A.A.S.) – These programs are designed to prepare students for immediate job placement in the interior design and decorating fields as design assistants, stylists, showroom representatives, design sales associates, Computer Aided Design (CAD) assistants, assistant colorists, and trainees for design publications. The program consists of a liberal arts component and technical courses developed in accordance with current industry standards. Students are provided with the required skills to work and grow in the field. The liberal arts background aids in the pursuit of a four-year degree. The certificate program consists of technical courses developed in accordance with industry standards.

Interior Design/Home Furnishing (Certificate) – These programs are designed to prepare students for immediate job placement in the interior design and decorating fields as design assistants, stylists, showroom representatives, design sales associates, Computer Aided Design (CAD) assistants, assistant colorists, and trainees for design publications. The program consists of a liberal arts component and technical courses developed in accordance with current industry standards. Students are provided with the required skills to work and grow in the field. The liberal arts background aids in the pursuit of a four-year degree. The certificate program consists of technical courses developed in accordance with industry standards.

Marketing (A.A.S.) – This degree is designed to satisfy the requirements of marketing and management organizations that seek competent personnel for positions of responsibility in business. Graduates of this program are trained for employment as entry level marketing and management trainees. The Associate in Applied Science (A.A.S.) degree is a base for a business career upon graduation or continued education at a four-year institution.

Retailing Business Management (A.A.S.) – Students in retail business management are prepared for merchandising and management careers in such retail enterprises as department and specialty stores, resident buying offices, chain organizations, and small businesses. The program includes an on-the-job work assignment in community department stores and other firms. This practical experience prepares graduates for initial positions as entry-level executives in the areas of buying, merchandising, and store operations. The Associate in Applied Science (A.A.S.) degree is a base for a business career upon graduation or continued education at a four-year institution.

Fashion Buying and Merchandising (A.A.S.) – Students have the opportunity to specialize in a concentration of applied fashion merchandising courses. Specialized courses include: Fashion Advertising and Promotion, Introduction to Menswear, Fashion Apparel, Introduction to Import Buying, Fashion and Home Accessories, Fashion Coordination and Publicity, and Interior Design. As part of the program, students will study textiles, visual merchandising, retailing, and retail buying. Students will also have the opportunity to participate in a Cooperative Work Experience Program gaining valuable on-the-job experience. The degree prepares students for positions in resident buying offices, fashion manufacturers, designers’ showrooms, retail stores, fashion publications, and other firms associated with the fashion industry.

Course Descriptions: Online or PDF

Fashion Buying and Merchandising	
A.A.S. Program	
Total Credits: 71-73	
First Semester	
FBM 120 Introduction to the Fashion Industry	3
MKT 100 Marketing	3
RET 107 Principles of Retailing	3
ENG 101 Composition I	3
Social Science Elective *	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
Fashion Area Electives	
(Choose two)**	6-7
RET 119 Retail Buying	3
MKT 103 Principles of Sales	3
RET 115 Textiles	3
PED Activity Course (s)	1
Total Semester Credits	16-17
Summer and/or Fifth Semester	
COM 101 Interpersonal Communications or	
ENG 102 Composition II	3
HED Health Elective	2-3
Mathematics Elective	3
Total Semester Credits	8-9
Third Semester	

FBM 130 Fashion and Home Accessories	3
FBM 160 Seminar in Contemporary Fashion Buying and Merchandising	3
RET 111 Retail Merchandising or	
MKT 101 Business Math (as advised)	3
Business Area Elective ***	3
Laboratory Science Elective	4
Total Semester Credits	16
Fourth Semester****	
FBM 142 Field Training	3
FBM 110 Fashion Advertising	3
RET 109 Visual Merchandising	3
Humanities Elective (as advised)	3
Social Science Elective (as advised)*	3
Total Semester Credits	15
<p>* Social Science Electives include: PSY, SOC, HIS, and ECO. Day students should not elect ECO in the first semester. ** Fashion Area Electives include: FBM 121, FBM 125, FBM 140 or INT 101, FBM 150, FSD 120, FSD 121, INT 102, and INT 104. *** Business Area Electives include: MKT, RET, FBM, FSD, INT, BUS, CMP, OFT, LAW. **** Day students take these courses for one-half of the semester and are on cooperative training during the remaining half of the semester. Hours per week during school attendance are, therefore, doubled.</p>	

Fashion Design (A.A.S.) – Qualified students have the opportunity to complete the Associate in Applied Science (A.A.S.) degree in the field of fashion design. Draping, sketching, patternmaking, and garment construction will be taught using techniques and equipment employed in industry. Students will develop the skills necessary to translate their original sketches into finished garments. In addition to their coursework, students are encouraged to participate in industry-sponsored and community events. During the spring semester, students produce a fashion show, showcasing the fourth semester students’ lines and the term garments of the first-year students. Students will participate in an internship program in a design firm studio. The academic and practical experiences attained in this program provide a basis for employment as a designer, assistant designer, stylist, or patternmaker. Graduates may transfer to a four-year college to pursue a Bachelor of Fine Arts or Bachelor of Science degree. Because of the creative and technical nature of this area of study, applicants are asked to submit a portfolio of their artwork. Guidelines for this informal portfolio interview will be sent to students in a letter requesting they schedule an appointment for portfolio review.

Course Descriptions: Online or PDF

Fashion Design	
A.A.S. Program	
Total Credits: 70-71	
First Semester	
FSD 101 Draping and Design I *	4
FSD 120 Garment Construction **	3
ART 135 Design Fundamentals	3
ENG 101 Composition I	3
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
FSD 121 Fashion History	3
FSD 102 Draping and Design II ***	4
FSD 110 Flat Pattern Design I **	2
ART 136 Fashion Art Techniques I	3
RET 115 Textiles	3
HED Health Elective	2-3
Total Semester Credits	17-18
Third Semester	
FSD 103 Draping and Design III ***	4
FSD 111 Flat Pattern Design II ***	2

ART 235 Fashion Art Techniques II	3
Laboratory Science Elective	4
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	17
Fourth Semester	
FSD 104 Design Studio ***	4
FSD 122 Fashion Design Business Practices	3
ART 236 Fashion Art Techniques III	3
COM 101 Interpersonal Communications or	
ENG 102 Composition II	3
Mathematics Elective	3-4
Total Semester Credits	16
Summer	
FSD 142 Field Training Internship****	3
*Prerequisite or co-requisite and permission of instructor. **Permission of instructor. ***Prerequisite. ****Prerequisites and permission of instructor.	

Interior Design/Home Furnishing (A.A.S. or Certificate) – These programs are designed to prepare students for immediate job placement in the interior design and decorating fields as design assistants, stylists, showroom representatives, design sales associates, Computer Aided Design (CAD) assistants, assistant colorists, and trainees for design publications. The program consists of a liberal arts component and technical courses developed in accordance with current industry standards. Students are provided with the required skills to work and grow in the field. The liberal arts background aids in the pursuit of a four-year degree. The certificate program consists of technical courses developed in accordance with industry standards.

Course Descriptions: Online or PDF

Interior Design/Home furnishings	
A.A.S. Program	
Total Credits: 68-70	
First Semester	
ENG 101 Composition I	3
INT 101 Interior Design Studio	3
INT 203 Presentation Techniques for Interior Designer	3
ENS 101 Graphics	1
INT 104 Color for Home Furnishings and Design	3
ART 111 Drawing	3
PED Activity Course(s)	1
Total Semester Credits	17
Second Semester	
INT 102 History of Furnishing and Design	3
INT 105 Design Studio II	3
INT 201 Resources and Materials	3
Mathematics Elective	3-4
Social Sciences Elective	3
PED Activity Course(s)	1
Total Semester Credits	16-17
Third Semester	
INT 103 Trends in Furniture and Lighting Design	3
INT 301 Interior Design Studio III	3
ENS 105 Introduction to CAD	2
Social Sciences Elective	3
Laboratory Science Elective	4
HED Health Elective	2-3

Total Semester Credits	17-18
Fourth Semester	
CET 107 Codes and Construction	3
INT 107 Professional Practices and Business Techniques	3
INT 401 Interior Design Studio IV	3
Humanities Elective	3
COM 101 Interpersonal Communication or	
ENG 102 Composition II	3
INT 142 Field Training	3
Total Semester Credits	18

These programs are designed to prepare students for immediate job placement in the interior design and decorating fields as design assistants, stylists, showroom representatives, design sales associates, Computer Aided Design (CAD) assistants, assistant colorists, and trainees for design publications. The program consists of a liberal arts component and technical courses developed in accordance with current industry standards. Students are provided with the required skills to work and grow in the field. The liberal arts background aids in the pursuit of a four-year degree. The certificate program consists of technical courses developed in accordance with industry standards.

Course Descriptions: Online or PDF

Interior Design/Home Furnishings Certificate	
Total Credits: 30	
First Semester	
INT 101 Intro. to Interior Design Studio I	3
INT 102 History of Furnishings and Design	3
INT 104 Color for Home Furnishings and Design	3
RET 115 Textiles	3
ENS 101 Graphics	1
ART 111 Drawing I	3
Total Semester Credits	16
Second Semester	
INT 103 Trends in Furniture and Lighting Design - Contract and Residential	3
INT 105 Resources and Materials	3
INT 201 Design Studio II	3
ENS 105 Introduction to Computer Graphics	2
CET 107 Codes and Construction	3
Total Semester Credits	14

Marketing (A.A.S.) – This degree is designed to satisfy the requirements of marketing and management organizations that seek competent personnel for positions of responsibility in business. Graduates of this program are trained for employment as entry level marketing and management trainees. The Associate in Applied Science (A.A.S.) degree is a base for a business career upon graduation or continued education at a four-year institution.

Course Descriptions: Online or PDF

Marketing	
A.A.S. Program	
Total Credits: 68-69	
First Semester	
MKT 100 Marketing	3
MKT 101 Business Math or ACC 101	3
MKT 103 Principles of Sales	3
LAW 103 Business Law I	3
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
MKT 106 Principles of Advertising	3
RET 107 Principles of Retailing or	
MKT 112 Small Business Marketing	3
Marketing Elective*	3
COM 101 Interpersonal Communications or	
ENG 102 Composition II	3
MAT 102 Introduction to Statistics	3
HED Health Elective	2-3
Total Semester Credits	17-18
Third Semester	
MKT 130 Marketing Research	3
Marketing Elective *	3
Business Administration Elective	3
Laboratory Science Elective	4
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	17

Fourth Semester	
MKT 136 Marketing Management	3
Business Area Electives **	6
CMP 115 Computers in Business	3
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	18

*Selection may be made from MKT 108, MKT 112, MKT 134, MKT 138, MKT 142, MKT 145, MKT 155.
 **Selection may be made from Accounting, Law, Business Administration, Office Technology, Marketing, Retailing, Fashion Buying and Merchandising, CMP courses, Economics, Hotel or Restaurant Technology.

Retailing Business Management (A.A.S.) – Students in retail business management are prepared for merchandising and management careers in such retail enterprises as department and specialty stores, resident buying offices, chain organizations, and small businesses. The program includes an on-the-job work assignment in community department stores and other firms. This practical experience prepares graduates for initial positions as entry-level executives in the areas of buying, merchandising, and store operations. The Associate in Applied Science (A.A.S.) degree is a base for a business career upon graduation or continued education at a four-year institution.

Course Descriptions: Online or PDF

Retail Business Management	
A.A.S. Program	
Total Credits: 66-67	
First Semester	
RET 107 Principles of Retailing	3
MKT 100 Marketing	3
MKT 103 Principles of Sales	3
NCC 101 College Experience ¹	1
ENG 101 Composition I	3
Social Science Elective	3
Total Semester Credits	16
Second Semester	
MKT 101 Business Math or	
RET 111 Retail Merchandising (as advised)	3
MKT 145 Consumer Motivation and Buying Behavior	3
MKT 160 Customer Service	3
CMP 115 Computers in Business	3
COM 101 Interpersonal Communications or	
ENG 102 Composition II	3
PED Activity Course (s) ²	1
Total Semester Credits	16
Summer Session	
Mathematics Elective	3
Third Semester	
RET 142 Field Training ³	3
RET 109 Visual Merchandising	3
Business Elective ⁴	3
Humanities Elective	3

Social Science Elective	3
PED Activity Course (s) ²	1
Total Semester Credits	16
Fourth Semester	
HED Health Elective ⁵	2-3
Science Elective Laboratory	4
MKT 106 Principles of Advertising	3
MKT 112 Small Business Marketing	3
Business Elective ⁶	3
Total Semester Credits	15-16

¹For all students who are required to take two or more remedials.

²Day students only. One-half credit of PED Activity Course is required for each full time Day semester. (Maximum of 2 credits).

³Internship - as advised both day and evening students.

⁴Business electives as advised.

⁵Recommended Health Electives option include: HED 200, HED 201, HED 231, HED 251, HED 271, HED 293.

⁶Business electives as advised.

MATHEMATICS/COMPUTER SCIENCE/INFORMATION TECHNOLOGY

OFFICE: Cluster B, Room 3028, (516) 572-7383.

CHAIRPERSON: Carmine DeSanto, Carmine.DeSanto@ncc.edu.

FACULTY: S. Abramson, K. Adel, E. Alfar, J. Altamura, J. Bosworth, E. Botkin, G. Bruns, D. Burdge, M. Cassano, P. Cheifetz, D. Christy, K. Cramer, L. Delitsky, S. Feldberg, L. Frimerman, J. Ganson, L. Gioia, E. Girolamo, R. Goodridge, K. Gutleber, M. Gwydir, H. Huntington, M. Javadi, S. Kaplan, L. Kaufer, J. Kornbluth, P. Kreinbihl, D. Kugler, D. Levine, C. Lin, J. Lubowsky, A. Magrella, A. Mantell, J. Martin, C. Merlo, R. Meyer, G. Miller, R. Moscatelli, D. Nataro, A. Oglesby, L. Orlova, A. Pagnotta, J. Peluso, L. Postner, M. Pournazari, T. Re, M. Riedinger, C. Roethel, R. Rojas, E. Schmierer, J. Seibert, S. Shiekh, D. Sher, R. Silvestri, R. Skurnick, S. Solosky, D. Spelman, G. Spengler, M. Steuer, S. Steuer, D. Stramiello, J. Taormina, T. Timchek, J. Tomaszewski, M. Totoro, S. Trabucco, T. Vecchiarelli, R. Wurm.

TECHNICAL ASSISTANTS: A. Baderian, H. Ciapas, J. Earnest, F. Graham, E. Hom, I. Klikovac, K. Lemp, J. Marriot, B. McParland, S. Ochani, C. Schaaf, W. Smith, E. Sun.

COURSES OFFERED: Computer Processing (CMP), Computer Science (CSC), Information Technology (ITE), Mathematics (MAT), Statistics (STA), Logistics (LOG).

The purpose of the mathematics curriculum is essentially twofold: to provide a necessary aspect of a liberal arts education and to supply the necessary mathematics requirements for continued study in a Baccalaureate program and/or a career in such fields as mathematics, science, engineering, economics, accounting, the behavioral sciences, and such professions. Facilities on campus include Computer Learning Center (B 225) the Math Center (B 130) and the Math Success Center and Anxiety Center (B 109).

The following curricula are offered by this Department:

Computer Science (A.S.) - This program leads to the Associate in Science (A.S.) degree and is designed for those who intend to transfer to a baccalaureate program oriented in the design of hardware and software of computer systems. The program stresses computer, mathematics, and science courses which are appropriate for transfer to a baccalaureate program.

Information Technology (Cert.) The Information Technology Certificate Program has been designed to provide training in computer skills to meet the needs of students to adapt and succeed in the rapid growth and application of new and emerging computer technologies. The program includes a wide range of required and elective courses designed to meet a variety of computer related careers and special needs, while taking into account students' backgrounds and interests. The component courses provide training to develop marketable skills or an opportunity for college graduates to upgrade their computer skills or prepare for a career change. By providing a core of fundamental courses, students may concentrate in computer areas such as networking, programming, or applications. Customized electives allow those who plan to work in a small business environment to select general electives from the business and marketing areas, while others may choose from the extensive digital art courses available at the College. Students without any computer experience should complete CMP 100, Computer Literacy before entering the certificate program.

Information Technology (A.A.S.) - This program leads to the Associate in Applied Science (A.A.S.) degree and is designed for those who intend to seek immediate employment in Information Technology.

The program includes foundation in general education courses (for example, social sciences, humanities, and electives) plus the business and mathematics courses necessary to augment the extensive computer courses. By judicious use of electives along with active advisement from departmental faculty, students can tailor the degree program to meet their individual needs and industry requirements for a particular area of Information Technology. Topics included for study are object-oriented programming, web programming, relational database management and development, Visual Basic .NET programming, and

Windows Server and Linux Administration. Some students transfer to baccalaureate degree programs in I.T. or related areas.

Liberal Arts & Science - Mathematics (A.S.) - This program is designed for students who intend to transfer to a baccalaureate program in mathematics, mathematics education (secondary), or a related applied field. Graduates of the program should be able to complete the baccalaureate degree in two years of additional full-time study. The program includes liberal arts courses to provide a broadbased general education, plus computer science and science courses to augment the extensive mathematics component. The mathematics core develops knowledge in three basic areas of mathematics learning: proof and theory, algorithms, and applications. The computer component develops important ancillary skills.

Logistics & Transportation Management (A.A.S.) - This is a program which develops professionals for one of the fastest growing areas of employment: the movement of goods and people from place to place with maximum efficiency. This program focuses on core courses in logistics management and transportation plus dynamic electives in the field. The curriculum also features basic studies in English, science, the humanities, and other disciplines which provide a diverse and sound background in the liberal arts. Individual concepts in Logistics and Transportation Management are studied in depth, as is their interrelation to industrial and business operations. This degree program leads to an Associate in Applied Science. Most courses are transferable to four-year institutions.

Mathematics (A.S.)

Computer Science (A.S.) - This program leads to the Associate in Science (A.S.) degree and is designed for those who intend to transfer to a baccalaureate program oriented in the design of hardware and software of computer systems. The program stresses computer, mathematics, and science courses which are appropriate for transfer to a baccalaureate program.

Course Descriptions: Online or PDF

Computer Science	
A.S. Program	
Total Credits: 65-69	
Students who do not qualify for MAT 122 and CSC 120 must seek advisement for MAT and CMP placement and should note that more than four semesters may be required to complete the degree program.	
First Semester	
CSC 120 Computer Science I	4
MAT 122 Calculus I	4
ENG 101 Composition I	3
Social Science Elective	3
HED Health Elective*	2-3
Total Semester Credits	16-17
Second Semester	
CSC 130 Computer Science II	4
MAT 241 Discrete Mathematical Functions	3
MAT 123 Calculus II	4
ENG 102 Composition II	3
Humanities Elective	3
Total Semester Credits	17
Third Semester	
CSC 217 C Programming Language	3
CSC 230 Data Structures	3
CSC/MAT Elective**	3-4
Social Science Elective	3
PHY 151 Physics for Scientists and Mathematicians I	4
PED Activity Course (s)	1
Total Semester Credits	17-18

Fourth Semester	
CSC 250 Computer Organization & Assembly Language Programming	4
CSC/MAT Elective**	3-5
PHY 152 Physics for Scientists and Mathematicians II	4
PED Activity Course (s)	1
Humanities Elective	3
Total Semester Credits	15-17

*Any student who chooses the 2-credit HED 201 as his/her health elective must choose at least one four-credit elective elsewhere in the program, to ensure the graduation requirements of 66 total credits.

**CSC/MAT elective can be chosen from CSC 260, MAT 225, MAT 131, MAT 200 and MAT 235. MAT 234 and MAT 226 are also acceptable as CSC/MAT electives if students have the pre-requisites.

Information Technology (A.A.S.) - This program leads to the Associate in Applied Science (A.A.S.) degree and is designed for those who intend to seek immediate employment in Information Technology. The program includes foundation in general education courses (for example, social sciences, humanities, and electives) plus the business and mathematics courses necessary to augment the extensive computer courses. By judicious use of electives along with active advisement from departmental faculty, students can tailor the degree program to meet their individual needs and industry requirements for a particular area of Information Technology. Topics included for study are object-oriented programming, web programming, relational database management and development, Visual Basic .NET programming, and Windows Server and Linux Administration. Some students transfer to baccalaureate degree programs in I.T. or related areas.

Course Descriptions: Online or PDF

Information Technology	
A.A.S. Program	
Total Credits: 66-69	
First Semester	
ITE 101 Intro to Information Technology	3
CSC 104 Programming Logic and Problem Solving	3
Mathematics Elective (MAT 102 or higher)	3-4
ENG 101 Composition I	3
BUS/ACC Elective ²	3
Total Semester Credits	15-16
Second Semester	
ITE 153 Operating System Management	4
ITE 154 Web Programming I	3
Mathematics Elective (MAT 102 or higher)	3-4
ENG 102 or COM 101	3
Humanities Elective ⁴	3
PED Activity Course (s)	1
Total Semester Credits	17-18
Third Semester	
ITE 213 Data Communications and the Internet	3
ITE 223 Network Management I	4
ITE 204 Java Programming	4
HED Health Elective	2-3
Social Science Elective ³	3

PED Activity Course (s)	1
Total Semester Credits	17-18
Fourth Semester	
ITE 252 Database Management	4
Computer Elective ¹	6
Social Science Elective ³	3
Laboratory Science	4
Total Semester Credits	17

1 Computer Elective: Choose from ITE 253, ITE 254, ITE 264, CMP 490.
 2 Business Electives: BUS 100, BUS 110, BUS 111, BUS 112, LAW 103, OFT 245 and ACC 101.
 3 Choices of African American History (including AFR 185), Economics, Finance, Geography, History, Interdisciplinary Global Studies, Political Science, Psychology, Sociology.
 4 Choice of African American Studies (as listed in catalog) Art, Communications, English, Foreign Languages, Library, MDC 102, Music, Philosophy, Reading, Theatre/Dance.

Course Descriptions: Online or PDF

Information Technology	
Total Credits: 32-33	
First Semester	
ITE 101 Intro to Information Technology	3
CSC 104 Programming Logic and Problem Solving	3
ENG 101 Composition I	3
Mathematics (MAT 102 or higher)	3-4
Business Elective*	3
Total Semester Credits	15-16
Second Semester	
ITE 153 Operating System Management	4
ITE 154 Web Programming I	3
ITE 213 Data Communications and the Internet	3
ITE 252 Database Management	4
COM 101 Interpersonal Communications or	
COM 103 Public Speaking	3
Total Semester Credits	17
*Choose from BUS 100, BUS 110, BUS 111, BUS 112, LAW 103, OFT 245 or ACC 101.	

Logistics & Transportation Management (A.A.S.) - This is a program which develops professionals for one of the fastest growing areas of employment: the movement of goods and people from place to place with maximum efficiency. This program focuses on core courses in logistics management and transportation plus dynamic electives in the field. The curriculum also features basic studies in English, science, the humanities, and other disciplines which provide a diverse and sound background in the liberal arts. Individual concepts in Logistics and Transportation Management are studied in depth, as is their interrelation to industrial and business operations. This degree program leads to an Associate in Applied Science. Most courses are transferable to four-year institutions.

Course Descriptions: Online or PDF

Logistics and Transportation Management	
A.A.S. Program	
Total Credits: 67-68	
First Semester	
LOG 101 Principles of Transportation and Logistics Management I	3
CMP Elective*	3-4
CMP 103 Microcomputer Hardware and Software	4
MAT 102 Introduction to Statistics	3
ENG 101 Composition I	3
Total Semester Credits	16-17
Second Semester	
LOG 102 Principles of Transportation and Logistics Management II	3
LOG 106 Intermodal Transportation and Logistics in International Trade	3
MAT 109 or higher	4
STA 110 Introduction to Statistical Research Design	3
ENG 102 Composition II	3
PED Activity Course (s)	1
Total Semester Credits	17
Third Semester	
LOG 103 Systems of Intermodal Transportation	3
LOG Elective	3
SCI 109 Environmental Science I	4

ECO 207 Principles of Macroeconomics	3
MAT 103 Applied Statistics	3
PED Activity Course(s)	1
Total Semester Credits	17
Fourth Semester	
LOG Electives	6
COM 101 Interpersonal Communications	3
BUS 112 Principles of Management	3
Social Science Elective **	3
HED 201 Personal and Family Health	2
Total Semester Credits	17
*CMP 105 is suggested. **POL 205 or POL 206 recommended.	

Liberal Arts & Science - Mathematics (A.S.) - This program is designed for students who intend to transfer to a baccalaureate program in mathematics, mathematics education (secondary), or a related applied field. Graduates of the program should be able to complete the baccalaureate degree in two years of additional full-time study. The program includes liberal arts courses to provide a broadbased general education, plus computer science and science courses to augment the extensive mathematics component. The mathematics core develops knowledge in three basic areas of mathematics learning: proof and theory, algorithms, and applications. The computer component develops important ancillary skills.

Course Descriptions: Online or PDF

Mathematics	
A.S. Program	
Total Credits: 66-68	
First Semester	
MAT 122 Calculus I*	4
CSC 120 Computer Science I	4
ENG 101 Composition I	3
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	17
Second Semester	
MAT 123 Calculus II	4
MAT 241 Discrete Mathematical Structures	3
ENG 102 Composition II	3
Social Science Elective	3
Humanities Elective	3
Total Semester Credits	16
Third Semester	
MAT 225 Multivariable Calculus	4
MAT 200 Foundations of Advanced Mathematics	3
PHY 151 Physics for Scientists and Mathematicians I	4
Elective**	3
HED Health Elective	2-3
PED Activity Course (s)	1
Total Semester Credits	17-18
Fourth Semester	
MAT 226 Linear Algebra and Differential Equations	5

MAT 131 Probability with Statistical Inference	3
Elective**	3-4
PHY 152 Physics for Scientists and Mathematicians II	4
PED Activity Course (s)	1
Total Semester Credits	16-17

*Students who do not qualify for MAT 122 must seek advisement for math placement and should note that placement into any course below MAT 122 implies that more than four semesters will be required to complete the degree program.
 **Any course offered by the College may be taken, but no math courses numbered MAT 122 or lower may be used.

MORTUARY SCIENCE**OFFICE:** 357 East Road, (516) 572-7277.**CHAIRPERSON:** Michael F. Mastellone,
Michael.Mastellone@ncc.edu.**FACULTY:** J. Fabrizzio, G. Wingster.**TECHNICAL ASSISTANT:** K. Schroeder**COURSES OFFERED:** Mortuary Science (MSC).**The following curriculum is offered by this Department:**

Mortuary Science (A.A.S.) - This program includes extensive work in the areas of biological science, business, and social science, as well as instruction within the major area of funeral service. Candidates for graduation must take the National Board Examination sponsored by the International Conference of Funeral Service Examining Board prior to and as a requirement of graduation. After successfully passing the national test, graduates must intern for a period of one year as a Registered Resident prior to receiving the Funeral Director License. The Mortuary Science Program at Nassau Community College is accredited by the American Board of Funeral Service Education (ABFSE), 3414 Ashland Avenue, Suite G, St. Joseph, Missouri 64506, telephone (816) 233-3747. Web: www.abfse.org. Registration with the N.Y.S. Bureau of Funeral Directing is required before matriculation status is granted. Students must supply their own transportation to off-campus assignments. "The annual passage rate of first time takers on the National Board Examination (NBE) for the most recent three-year period for this institution and all ABFSE accredited funeral service education programs is posted on the ABFSE web site (www.abfse.org)."

Mortuary Science (A.A.S.) - This program includes extensive work in the areas of biological science, business, and social science, as well as instruction within the major area of funeral service. Candidates for graduation must take the National Board Examination sponsored by the International Conference of Funeral Service Examining Board prior to and as a requirement of graduation. After successfully passing the national test, graduates must intern for a period of one year as a Registered Resident prior to receiving the Funeral Director License. The Mortuary Science Program at Nassau Community College is accredited by the American Board of Funeral Service Education (ABFSE), 3414 Ashland Avenue, Suite G, St. Joseph, Missouri 64506, telephone (816) 233-3747. Web: www.abfse.org. Registration with the N.Y.S. Bureau of Funeral Directing is required before matriculation status is granted. Students must supply their own transportation to off-campus assignments. "The annual passage rate of first time takers on the National Board Examination (NBE) for the most recent three-year period for this institution and all ABFSE accredited funeral service education programs is posted on the ABFSE web site (www.abfse.org)."

Course Descriptions: Online or PDF

Mortuary Science	
A.A.S. Program	
Total Credits: 71	
First Semester	
MSC 111 Funeral Orientation	3
MSC 112 Public Health and Sanitary Science	3
CHE 135 Chemistry for Applied Science	4
SOC 201 Introduction to Sociology	3
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
MSC 124 Anatomy for Embalmers I	3
MSC 127 Funeral Home Management	3
AHS 202 Medical Microbiology	4
PSY 203 General Psychology I	3
ENG 102 Composition II	3
PED Activity Course (s)	1
Total Semester Credits	17
Third Semester	
MSC 234 Mortuary Law and Ethics	3

MSC 235 Anatomy for Embalmers II ¹	3
MSC 236 Embalming Theory I ¹	3
MSC 237 Embalming Laboratory I ^{2, 6, 7}	1.5
MSC 238 Pathology ^{1, 6}	3
COM 103 Public Speaking	3
Mathematics Elective	3
Total Semester Credits	19.5
Fourth Semester	
MSC 241 Restorative Art ¹	3
MSC 245 Funeral Directing with Practicum	5
MSC 247 Embalming Theory II	2
MSC 248 Embalming Laboratory II ^{3, 6}	1.5
MSC 249 Funeral Counseling ⁴	3
CMP 115 Computers in Business	3
Total Semester Credits	17.5
<ol style="list-style-type: none"> 1. Prerequisite: Anatomy for Embalmers I (MSC 124) 2. Prerequisite or co-requisite: (MSC 236) 3. Prerequisite or co-requisite: (MSC 247) 4. Prerequisite: PSY 203 (General Psychology I) 5. The Department recommends that students take 3-6 credits in summer semesters. 6. Students must provide own transportation to off-campus field experiences. 7. Prerequisite: MSC 112 <p>NOTE: A grade of "C" or better is required in all Mortuary Science (MSC) courses, Chemistry for Applied Science (CHE 135), and Medical Microbiology (AHS 202).</p>	

OFFICE: Building H, Room 222, (516) 572-7446/7.

CHAIRPERSON: Jeffrey Fox, foxj@ncc.edu.

FACULTY: G. Bouchard, G. Cavallo, J. Fox, J. Golan, D. Hughes, K. Kelly, H. Marenstein, M. Nachman, N. Neal, P. Sheehan, S. Sobolewski.

TECHNICAL ASSISTANTS: C. Jusino, G. Ouellette.

LABORATORY ASSISTANT: D. Ferraro.

COURSES OFFERED: Music (MUS), Studio Recording Technology (SRT).

The mission of the Music Department is threefold: first, to provide quality instruction in performance, music theory and musicianship, and music history to prepare students pursuing careers in music; second, to provide survey courses in various aspects of music as humanities and general electives for students in other degree programs; third, to serve as a cultural resource center in music for the students and the larger community of Nassau County by sponsoring performing ensembles and presenting concerts.

The following curricula are offered by this Department:

Performing Arts Music (A.A.S.) - A two-year music concentration program that leads to the Associate in Applied Science (A.A.S.) degree is offered in Performing Arts. The curriculum also is transferable to four-year institutions and closely parallels the first two years of the BM degree in music. The degree may also lead directly to performance and other careers in the music industry. The Music Department is an accredited institutional member of the National Association of Schools of Music. For acceptance, incoming students are required to audition on their major instrument (or voice) and take a test in written music theory, aural musicianship, and keyboard skills. Students may enter the program with deficiencies; however, appropriate noncredit courses are assigned in order to correct these deficiencies.

Departmental Requirements for A.A.S. Degree in Performing Arts - Music:

1. Four semesters of college-level theory
2. Four semesters of college-level sight-singing
3. Four semesters of keyboard harmony
4. Four semesters of college-level applied music
5. Four semesters of ensemble (chorus, orchestra, band, or percussion ensemble)
6. One semester of music literature and two semesters of music history
7. Additional requirements as described under Programs of Study

Applied Music Courses (a special fee will be charged for all courses.)
Requirements for Applied Music:

1. Students must be matriculated in a music degree program.
2. Students are required to perform on at least one recital each semester after reaching the second semester of college level study and also to attend a specified number of recitals and concerts each semester.
3. Woodwind and brass instrument students must also be enrolled in Band.
4. String instrument students must also be enrolled in Orchestra.
5. Voice, keyboard and guitar students must also be enrolled in Chorus.
6. Percussion students must also be enrolled in Percussion Ensemble.
7. Percussion students in the third semester of college-level study (200 level) must also be enrolled in Band or Orchestra.
8. Students are required to perform a jury exam at the end of each semester of applied music study.
9. A failure in or withdrawal from the performing group will result in a failure or in a withdrawal from applied music.
10. MUS 000 is a co-requisite for all applied music courses.
11. Students in applied music must also be enrolled in music theory unless those requirements have already been met.

Studio Recording Technology (Cert.) - This three-semester program is designed to introduce students to music and recording technology and to provide a broad based perspective of the music industry. The SRT certificate is designed for those seeking entry-level employment in the recording industry, as well as those wishing to establish independent music recording/production businesses. Classes meet on campus and

at an off-campus professional recording studio. Internship training will take place at a professional recording, production or equivalent music industry work environment (at an off-campus location).

Facilities for the Music Department include a large performance space available for ensemble rehearsals, performances and recitals; several studios for applied music instruction; and several soundproof practice rooms, each equipped with an upright piano, available for individual practice sessions. The Department also has two piano laboratories, plus a computer laboratory and audio production laboratory that are available for student tutorial work. The Department owns a number of less common and/or larger instruments, which are available for student use. Music classrooms are equipped with state-of-the-art sound systems. The Music Department maintains an extensive teaching library of recordings and music scores.

Performing Arts Music (A.A.S.) - A two-year music concentration program that leads to the Associate in Applied Science (A.A.S.) degree is offered in Performing Arts. The curriculum also is transferable to four-year institutions and closely parallels the first two years of the BM degree in music. The degree may also lead directly to performance and other careers in the music industry. The Music Department is an accredited institutional member of the National Association of Schools of Music. For acceptance, incoming students are required to audition on their major instrument (or voice) and take a test in written music theory, aural musicianship, and keyboard skills. Students may enter the program with deficiencies; however, appropriate noncredit courses are assigned in order to correct these deficiencies.

Departmental Requirements for A.A.S. Degree in Performing Arts - Music:

1. Four semesters of college-level theory
2. Four semesters of college-level sight-singing
3. Four semesters of keyboard harmony
4. Four semesters of college-level applied music
5. Four semesters of ensemble (chorus, orchestra, band, or percussion ensemble)
6. One semester of music literature and two semesters of music history
7. Additional requirements as described under Programs of Study

Applied Music Courses (a special fee will be charged for all courses.)
Requirements for Applied Music:

1. Students must be matriculated in a music degree program.
2. Students are required to perform on at least one recital each semester after reaching the second semester of college level study and also to attend a specified number of recitals and concerts each semester.
3. Woodwind and brass instrument students must also be enrolled in Band.
4. String instrument students must also be enrolled in Orchestra.
5. Voice, keyboard and guitar students must also be enrolled in Chorus.
6. Percussion students must also be enrolled in Percussion Ensemble.
7. Percussion students in the third semester of college-level study (200 level) must also be enrolled in Band or Orchestra.
8. Students are required to perform a jury exam at the end of each semester of applied music study.
9. A failure in or withdrawal from the performing group will result in a failure or in a withdrawal from applied music.
10. MUS 000 is a co-requisite for all applied music courses.
11. Students in applied music must also be enrolled in music theory unless those requirements have already been met.

Course Descriptions: Online or PDF

Performing Arts: Music	
A.A.S. Program	
Total Credits: 69-70	
First Semester	
MUS 000 Applied Music Master Class **	0
MUS 117 Elements of Music I *	2
MUS 127 Keyboard Harmony I *	2
MUS 137 Sight-Singing I	2
Applied Music **	2
Performing Organization **	1
ENG 101 Composition I	3
Social Science Elective	3

Total Semester Credits	15
Second Semester	
MUS 000 Applied Music Master Class **	0
MUS 104 Introduction to Music Literature	3
MUS 118 Elements of Music II *	2
MUS 128 Keyboard Harmony II *	2
MUS 138 Sight-Singing II	2
Applied Music **	2
Performing Organization**	1
ENG 102 Composition II	3
Total Semester Credits	15
Summer Session	
Mathematics Elective	3
Social Science Elective	3
Total Semester Credits	6
Third Semester	
MUS 000 Applied Music Master Class**	0
MUS 217 Elements of Music III*	2
MUS 227 Keyboard Harmony III*	1
MUS 237 Sight-Singing III	2
Music History Elective***	3
Applied Music**	2
Performing Organization**	1
Laboratory Science Elective ****	4
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
MUS 000 Applied Music Master Class**	0
MUS 218 Elements of Music IV *	2
MUS 228 Keyboard Harmony IV *	1
MUS 238 Sight-Singing IV	2
MUS History Elective***	3
Applied Music**	2
Performing Organization**	1
PED Activity Course (s)	1

HED Health Elective	2-3
Humanities Elective	3
Total Semester Credits	17-18
<p>*Co-requisites. **Co-requisites: Appropriate performing organization is determined by instrument. ***Students must complete two of the following courses: MUS 201 History of Western Music I, MUS 204 History of Western Music II, or MUS 208 History of Western Music III. ****Recommended: GSS 106 Physics and Music</p>	

Studio Recording Technology (Cert.) - This three-semester program is designed to introduce students to music and recording technology and to provide a broad based perspective of the music industry. The SRT certificate is designed for those seeking entry-level employment in the recording industry, as well as those wishing to establish independent music recording/production businesses. Classes meet on campus and at an off-campus professional recording studio. Internship training will take place at a professional recording, production or equivalent music industry work environment (at an off-campus location).

Facilities for the Music Department include a large performance space available for ensemble rehearsals, performances and recitals; several studios for applied music instruction; and several soundproof practice rooms, each equipped with an upright piano, available for individual practice sessions. The Department also has two piano laboratories, plus a computer laboratory and audio production laboratory that are available for student tutorial work. The Department owns a number of less common and/or larger instruments, which are available for student use. Music classrooms are equipped with state-of-the-art sound systems. The Music Department maintains an extensive teaching library of recordings and music scores.

Course Descriptions: Online or PDF

***Placement and supervision by Music Department; taken after satisfactory completion of all other requirements.

Studio Recording Technology	
Total Credits: 36	
First Semester	
SRT 101 Music Business I	3
SRT 103 Music Theory I	3
SRT 105 Basic Studio Techniques	6
Communications Elective (by advisement)*	3
Total Semester Credits	15
Second Semester	
SRT 102 Music Business II	3
SRT 104 Music Theory II	3
SRT 106 Advance Studio Techniques	6
Marketing Elective (by advisement)**	3
Total Semester Credits	15
Third Semester	
SRT 107 Internship***	6
*Selected from COM 101, COM 103, COM 107, COM 110, COM 113, COM 124, COM 171, COM 172.	
**Selected from MKT 100, MKT 106, MKT 130, MKT 136.	

OFFICE: Building V, Room 210, (516) 572-7234.

CHAIRPERSON: Thomas B. Rich, Thomas.Rich@ncc.edu.

FACULTY: J. Brody, J. Buckley, A. Comiskey, J. Cook-Garard, L. DiDio, E. Engleke, K. Ferrucci, J. Festa, A. Fitzgibbon, E. Gallagher, P. Gloeckner, M. Hellmer Saul, M. Hogan, C. Jansen, N. Joseph, B. Kennedy, A. Kopstein, M. LaSala, L. Mathew, B. McFadden, D. Mendelson, P. Murphy, L. Persico, M. Pervelis, M. Reeves, L. Rohan, M. Snow.

CLINICAL INSTRUCTORS: P. Cliggett, D. Dreksler, J. Gaffney, J. Valins.

TECHNICAL ASSISTANTS: M. Blessinger, J. Gavigan, S. Victome.

COURSES OFFERED: Nursing (NUR).

The mission of the Nursing Department is to offer a curriculum accredited by the National League for Nursing Accrediting Commission (NLNAC) which leads to an Associate in Science degree and eligibility for the National Council Licensure Examination (NCLEX-RN). The graduate of the Nassau Community College Nursing Program evidences the ability to function in three roles:

Nursing (A.S.)

Provider of Care: The graduate of our Associate Degree Nursing (ADN) program utilizes the nursing process to meet patient needs across the life cycle.

Manager of Care: The graduate of our ADN program coordinates care for patients, collaborates with patients and other health team members, and appropriately delegates aspects of patient care.

Member Within the Discipline: The graduate of our ADN program practices within the ethical and legal framework of Nursing and is accountable for Nursing practice. The graduate of this ADN Program is committed to professional development and continuous learning. The required Nursing courses (NUR 101, NUR 105, NUR 203, and NUR 204) are offered during the September to May academic year. These courses must be taken consecutively because each course provides the foundation for subsequent courses. Admission to Nursing is available in both the day and evening divisions. Seats in the evening nursing courses are limited. Please be aware that obtaining a seat in Nursing is highly competitive and is dependent upon the number of applications, the number of available seats, and the applicant's ranking according to grade point average for the courses applicable to the Nursing curriculum*. Meeting the stipulated criteria does not guarantee a seat.

* Additional points will be given to Nassau County residents.

If, upon graduation, an individual's application for licensure reveals that the applicant has been convicted of a crime or that there are pending charges, an investigation will be conducted by the Office of Professional Discipline of the State Education Department.

Departmental Requirements and Guidelines:

1. If the placement examination indicates a need for remediation in English, mathematics, or reading, remediation must be completed before entering the nursing program.
2. Nursing students are required to submit evidence of a physical examination, antibody titers, and inoculations prior to their first clinical assignment in NUR 101 and annually thereafter.
3. Nursing students must be of good moral character and may be subject to criminal background checks and random drug screening.
4. Nursing students must be able to independently complete a patient assessment through visualization, direct and indirect auscultation, detection of odors, palpation, and percussion.
5. Nursing students must be able to perform gross and fine motor movements and must possess the physical strength and stamina to provide safe nursing care.
6. Nursing students must be alert, able to think critically and problem solve, possess emotional stability and flexibility, and be able to communicate effectively in English.
7. Students are required to adhere to those departmental policies that are distributed to all nursing students.
8. A minimum grade of 75 is required in each of the required Nursing courses.

9. A minimum of 15.5 credits (including NUR 101) must be completed before progressing to NUR 105.

10. Nursing students must supply their own required uniforms and equipment.

11. Nursing students are required to supply their own transportation to clinical settings.

12. Nursing students must be legally eligible for employment and professional licensure in the United States.

13. Nursing students must submit a copy of current certification of competency in cardiopulmonary resuscitation for the professional rescuer prior to admission to NUR 101 and prior to graduation.

14. College courses applicable to the Nursing program completed at other colleges must be transferred in prior to admission to the Nursing program. Science courses completed more than ten years prior to admission will not be accepted.

15. Questions or concerns about the Nursing Program may be directed to

National League for Nursing Accrediting Commission

3343 Peachtree Road, NE, Suite 500

Atlanta, Georgia 30326

Tel: 404-975-5000

Fax: 404-975-5020

Advanced Standing in Nursing Courses:

The opportunity for advanced standing is available to LPNs. By challenging NUR 101, the candidate avoids much of the competition for entry into the program and enters when normal attrition may make a seat available. Eight and one-half credits are granted to the student for successfully completing the challenge of NUR 101. Application at Nassau Community College is made as a liberal arts student. There will be an interview with the Nursing Department and the applicant will be required to provide a writing sample responding to a scenario provided at that time. Once the challenge is completed and the candidate is ready to enter a Nursing course, the Nursing Department will process a Change of Program to Nursing. In the meantime, the candidate is a Liberal Arts student and should pursue the liberal arts and science pre and corequisites required in the Nursing Program. At least 33 credits, including those for Nursing, must be taken at Nassau Community College. Information on the challenge process may be obtained at Advanced Standing Information Sessions.

Change of Program/Transfer:

Admission requirements to the Nursing program for change of area or transfer students include:

ENG 101

AHS 131

PSY 203

MAT 102

These courses must be completed with a grade of C or better and a minimum grade point average of 3.0 or better before application for Change of Program. Requests for Change of Program to Nursing will be accepted during the 2nd, 3rd, and 4th weeks of March to be considered for the September class and during the 2nd, 3rd, and 4th weeks of October to be considered for the January class. Transfer students must apply directly to Admissions. Students will not be considered for admission if they have attempted AHS 131 more than twice (including "W" grades). Further information about the Nursing Program can be obtained from Academic Advisement, Admissions, Nursing Information Sessions, the Nursing Department Website, and Student Personnel Services.

Nursing	
A.S. Program	
Total Credits: 70	
First Semester	
NUR 101 Fundamentals of Nursing	8.5
AHS 131 Anatomy and Physiology I	4
ENG 101 Composition I or	
PSY 203 General Psychology I or	
MAT 102 Introduction to Statistics	3
Total Semester Credits	15.5
Second Semester	
NUR 105 Introduction to Medical/Surgical Nursing	8.5
AHS 132 Anatomy and Physiology II	4
ENG 101 Composition I or	
PSY 203 General Psychology I or	
MAT 102 Introduction to Statistics	3
Total Semester Credits	15.5
Summer Session	
ENG 101 Composition I or	
PSY 203 General Psychology I or	
SOC 201 Introduction to Sociology or	
PSY 216 Lifespan Human Development	3
MAT 102 Introduction to Statistics	3
Total Semester Credits	6
Third Semester	
NUR 203 Comprehensive Nursing Care I	8.5
AHS 202 Medical Microbiology	4
PSY 216 Lifespan Human Development	3
Humanities Elective	3
Total Semester Credits	18.5

Fourth Semester	
NUR 204 Comprehensive Nursing Care II	8.5
ENG 102 Composition II	3
Humanities Elective	3
Total Semester Credits	14.5

OFFICE: Cluster A, Room 2023, (516) 572-7288.

CHAIRPERSON: Noreen Lowey, Noreen.Lowey@ncc.edu.

FACULTY: L. Bergin, C. Charles, M. Curry, M. D. DeSanto, S. Goldson.

TECHNICAL ASSISTANTS: J. Madsen, D. Rabbene - Cluster A, Room A115.

COURSES OFFERED: Office Technology (OFT) and Health Information Technology (HIT).

The Office Technology Department provides students with the opportunity to acquire the skills and competencies necessary to use computers for professional and personal use; to obtain employment in an administrative support technology, legal, or medical office environment.

Using state-of-the-art computers and various software applications, students develop expertise in word processing, desktop publishing, web page formatting, e-commerce, and business presentations. Emphasis is placed on administrative support technology, legal, and medical office procedures. The Office Technology Department boasts an excellent placement record for its graduates; there is no fee to students or employers for job placement. In addition, students who wish to continue their education are able to transfer some or all of their credits to four-year institutions. New courses in Health Information Technology (HIT) train workers to become qualified medical coders. Medical coding (or clinical coding) specialists review and analyze health records to identify relevant diagnoses and procedures. Each semester students meet on an individual basis with an Office Technology faculty advisor. This advisement process allows students to become familiar with the specific requirements of their chosen program of study and provides them with an opportunity to review their academic progress and career options.

Along with the career-specific programs listed below, the Office Technology Department offers the following courses to the general public: OFT 100 Fundamentals of Keyboarding, OFT 102 College Keyboarding, OFT 109 Word Processing Applications I, OFT 110 Word Processing Applications II, OFT 113 Word Processing Basics, OFT 114 Presentation Software Basics, OFT 115 Spreadsheet Basics, OFT 116 Database Basics, OFT 119 Word Processing Applications III, OFT 120 Desktop Publishing, OFT 230 Web Page Formatting, OFT 235 E-Commerce for Office Professionals, OFT 240 Formatting Business Presentations, OFT 244 Business Writing, and OFT 245 Administrative Management.

The following curricula are offered by this Department:

Office Technology/Legal (A.A.S. and Cert.):

The legal option offers students the opportunity to acquire computer and legal procedures skills and to learn about the Federal and New York State Court Systems. Legal office technology instruction concentrates on the areas of civil litigation, wills and probates, and real estate. Graduates are qualified to work in law firms, which are engaged in general or specialized practice, or in legal departments of large corporations, civil service, insurance companies, law publishers, or the courts. During their final semester, all students participate in a legal work/study program. They intern in law firms, the District Attorney's office, the Probation Department, or the Courts.

Office Technology/Medical (A.A.S. and Cert.):

The medical curriculum offers students the opportunity to acquire skills necessary to seek employment in doctors' offices, hospitals, research institutions, insurance and pharmaceutical companies, and other health facilities. Students take courses in medical terminology, medical transcription, medical coding, billing, and office procedures. During the final semester, all students participate in a medical work/study program. They intern in doctors' offices, hospitals, research institutions, insurance and pharmaceutical companies, and other health facilities.

Office Technology/Administrative Support Technology (A.A.S. and Cert.):

This curriculum provides students with a broad conceptual framework in office automation and information systems combined with a strong

learning experience in communication skills, keyboarding, and computer applications. This program includes an up-to-date curriculum that incorporates word processing, spreadsheets, database applications, desktop publishing, web page formatting, and e-commerce. During the final semester, all students participate in a work/study program.

Health Information Technology Certificate:

This is an AHIMA approved coding program. Health Information Technology (HIT) is designed for individuals who are interested in working in the field of medical coding. Instruction includes courses in medical terminology, CPT coding, ICD coding, computer software applications in healthcare, reimbursement methodologies, healthcare data structure and delivery systems, anatomy and physiology, pathophysiology, and pharmacology. During the final semester, all students participate in a medical coding work/study program. They intern in hospitals, physicians' offices, ambulatory care centers, and other healthcare facilities. Successful completion of the certificate qualifies students to sit for the entry-level national coding certification exam CCA (Certified Coding Associate) and provides the theory included in the mastery coding credential exams CCS (Certified Coding Specialist) and CCS-P (Certified Coding Specialist-Physician based).

Some of these credits may be applied toward either a certificate or degree in Office Technology/Medical; students are also eligible to go directly into the workforce.

ENCORE Certificate:

ENCORE is designed for individuals who want to strengthen and learn new office skills to obtain an administrative-support position. Individuals seeking to upgrade computer skills or seeking re-entry into the workforce will find that this program enhances employability in today's job market. Instruction includes courses in word processing, administrative management, business presentations, spreadsheets, databases, and office procedures. Focus is placed on preparing students to gain employment. At the completion of ENCORE, students will earn 15 credits. Most of these credits may be applied to a one-year certificate or a two-year degree program in the Office Technology Department.

Office Technology/Legal (A.A.S. and Cert.) - The legal option offers students the opportunity to acquire computer and legal procedures skills and to learn about the Federal and New York State Court Systems. Legal office technology instruction concentrates on the areas of civil litigation, wills and probates, and real estate. Graduates are qualified to work in law firms, which are engaged in general or specialized practice, or in legal departments of large corporations, civil service, insurance companies, law publishers, or the courts. During their final semester, all students participate in a legal work/study program. They intern in law firms, the District Attorney's office, the Probation Department, or the Courts.

Course Descriptions: Online or PDF

Office Technology - Legal	
A.A.S. Program	
Total Credits: 66-67	
First Semester	
OFT 102 College Keyboarding*	3
OFT 109 Word Processing Applications I	3
OFT 127 Legal Office Procedures I	3
OFT 230 Web Page Formatting	3
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
OFT 110 Word Processing Applications II	3
OFT 128 Legal Office Procedures II	3
OFT 245 Administrative Management	3
English Elective**	3
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	16
Third Semester	
OFT 107 Machine Transcription I	3
OFT 119 Word Processing Applications III	3
OFT 225 Legal Workshop	3
OFT 244 Business Writing	4
Laboratory Science Elective	4
Total Semester Credits	17

Fourth Semester	
OFT 226 Legal Work/Study	3
Social Science Elective	3
Mathematics Elective	3
HED Health Elective	2-3
Office Technology Elective***	3
Humanities Elective	3
Total Semester Credits	17-18

* Students are expected to type a minimum of 30 wpm before entering OFT 102 (College Keyboarding). Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.
 ** Choose from ENG 102 (Composition II), ENG 105 (English Grammar), or COM 101 (Interpersonal Communications).
 *** Choose from OFT 230 (Web Page Formatting) or HIT 151 (Medical Terminology).

Office Technology - Legal Certificate	
Total Credits: 37	
First Semester	
OFT 102 College Keyboarding*	3
OFT 109 Word Processing Applications I	3
OFT 127 Legal Office Procedures I	3
OFT 225 Legal Workshop	3
ENG 101 Composition I	3
Total Semester Credits	15
Second Semester	
Office Technology Elective**	3
OFT 110 Word Processing Applications II	3
OFT 128 Legal Office Procedures II	3
OFT 226 Legal Work/Study	3

OFT 244 Business Writing	4
Total Semester Credits	16
Third Semester	
OFT 119 Word Processing Applications III	3
OFT 245 Administrative Management	3
Total Semester Credits	6
<p>* Students are expected to type a minimum of 30 wpm before entering the certificate program. Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.</p> <p>** Choose from HIT 151 (Medical Terminology) or OFT 230 (Web Page Formatting).</p>	

Office Technology/Medical (A.A.S. and Cert.):

The medical curriculum offers students the opportunity to acquire skills necessary to seek employment in doctors' offices, hospitals, research institutions, insurance and pharmaceutical companies, and other health facilities. Students take courses in medical terminology, medical transcription, medical coding, billing, and office procedures. During the final semester, all students participate in a medical work/study program. They intern in doctors' offices, hospitals, research institutions, insurance and pharmaceutical companies, and other health facilities.

Course Descriptions: Online or PDF

Office Technology - Medical	
A.A.S. Program	
Total Credits: 66-68	
First Semester	
OFT 102 College Keyboarding*	3
OFT 109 Word Processing Applications I	3
OFT 245 Administrative Management	3
HIT 151 Medical Terminology	3
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
OFT 110 Word Processing Applications II	3
OFT 142 Medical Transcription I	3
OFT 152 Medical Transcription II	3
HIT 156 Medical Coding CPT	3
English Elective**	3
PED Activity Course (s)	1
Total Semester Credits	16
Third Semester	
HIT 157 Medical Coding ICD	3
OFT 244 Business Writing	4
OFT 254 Medical Workshop	3
Lab Science Elective***	4
Social Science Elective	3
Total Semester Credits	17
Fourth Semester	
OFT 255 Medical Work/Study	3

Social Science Elective	3
Mathematics Elective	3-4
HED Health Elective	2-3
Office Technology Elective****	3
Humanities Elective	3
Total Semester Credits	17-19

* Students are expected to type a minimum of 30 wpm before entering OFT 102 (College Keyboarding). Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.
 ** Choose from ENG 102 (Composition II), ENG 105 (English Grammar), or COM 101 (Interpersonal Communications).
 *** Choose from AHS 225 (Medical Concepts and Techniques), AHS 131 (Anatomy and Physiology), or BIO 101 (General Biology I).
 **** Choose from OFT 127 (Legal Office Procedures I), HIT 158 (Reimbursement Methodology), or HIT 250 (Health Care Data Structure and Delivery Systems).

Office Technology - Medical Certificate	
Total Credits: 38	
First Semester	
HIT 151 Medical Terminology	3
HIT 156 Medical Coding CPT	3
OFT 102 College Keyboarding*	3
OFT 109 Word Processing Applications I	3
OFT 254 Medical Workshop	3
ENG 101 Composition I	3
Total Semester Credits	18
Second Semester	
HIT 157 Medical Coding ICD	3
OFT 142 Medical Transcription I	3
OFT 152 Medical Transcription II	3
OFT 255 Medical Work/Study	3
Lab Science Elective**	4

Total Semester Credits	16
Third Semester	
OFT 244 Business Writing	4
<p>* Students are expected to type a minimum of 30 wpm before entering the certificate program. Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.</p> <p>** Choose from AHS 225 (Medical Concepts and Techniques), AHS 131 (Anatomy and Physiology I), or BIO 101 (General Biology I).</p>	

Office Technology/Administrative Support Technology (A.A.S. and Cert.) - This curriculum provides students with a broad conceptual framework in office automation and information systems combined with a strong learning experience in communication skills, keyboarding, and computer applications. This program includes an up-to-date curriculum that incorporates word processing, spreadsheets, database applications, desktop publishing, web page formatting, and e-commerce. During the final semester, all students participate in a work/study program.

Course Descriptions: Online or PDF

Office Technology - Administrative Support Technology	
A.A.S. Program	
Total Credits: 66-67	
First Semester	
OFT 102 College Keyboarding*	3
OFT 109 Word Processing Applications I	3
OFT 120 Desktop Publishing	3
OFT 230 Web Page Formatting	3
ENG 101 Composition I	3
PED Activity Course (s)	1
Total Semester Credits	16
Second Semester	
OFT 110 Word Processing Applications II	3
OFT 235 E-Commerce for Office Professionals	3
OFT 245 Administrative Management	3
English Elective**	3
Social Science Elective	3
PED Activity Course (s)	1
Total Semester Credits	16
Third Semester	
OFT 105 Executive Workshop	3
OFT 107 Machine Transcription I	3
OFT 119 Word Processing Applications III	3
OFT 244 Business Writing	4
Laboratory Science Elective	4
Total Semester Credits	17

Fourth Semester	
OFT 205 Executive Work/Study	3
OFT Elective***	3
HED Health Elective	2-3
Humanities Elective	3
Mathematics Elective	3
Social Science Elective	3
Total Semester Credits	17-18

* Students are expected to type a minimum of 30 wpm before entering OFT 102 (College Keyboarding). Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.
 ** Choose from ENG 102 (Composition II), ENG 105 (English Grammar), or COM 101 (Interpersonal Communications).
 *** Choose from OFT 127 (Legal Office Procedures I), or HIT 151 (Medical Terminology).

Office Technology - Administrative Support Technology Certificate	
Total Credits: 37	
First Semester	
OFT 102 College Keyboarding*	3
OFT 105 Executive Workshop	3
OFT 107 Machine Transcription I	3
OFT 109 Word Processing Applications I	3
ENG 101 Composition I	3
Total Semester Credits	15
Second Semester	
OFT 110 Word Processing Applications II	3
OFT 205 Executive Work/Study	3
OFT 230 Web Page Formatting	3
OFT 244 Business Writing	4
Office Technology Elective**	3

Total Semester Credits	16
Third Semester	
OFT 119 Word Processing Applications III	3
OFT 245 Administrative Management	3
Total Semester Credits	6
<p>* Students are expected to type a minimum of 30 wpm before entering the certificate program. Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.</p> <p>** Choose from OFT 127 (Legal Office Procedures I), or OFT 120 (Desktop Publishing).</p>	

ENCORE Certificate:

ENCORE is designed for individuals who want to strengthen and learn new office skills to obtain an administrative-support position. Individuals seeking to upgrade computer skills or seeking re-entry into the workforce will find that this program enhances employability in today's job market. Instruction includes courses in word processing, administrative management, business presentations, spreadsheets, databases, and office procedures. Focus is placed on preparing students to gain employment. At the completion of ENCORE, students will earn 15 credits. Most of these credits may be applied to a one-year certificate or two-year degree program in the Office Technology Department. Course Descriptions: Online or PDF

ENCORE Certificate	
Total Credits: 15	
First Semester	
OFT 102 College Keyboarding*	3
OFT 105 Executive Workshop	3
OFT 109 Word Processing Applications I	3
OFT 114 Presentation Software Basics	1
OFT 115 Spreadsheet Basics	1
OFT 116 Database Basics	1
OFT 245 Administrative Management	3
Total Semester Credits	15
* Students are expected to type a minimum of 30 wpm before entering the certificate program. Students who do not meet this requirement are invited to take OFT 100 (Fundamentals of Keyboarding) prior to entering the program.	

Health Information Technology Certificate:

This is an AHIMA approved coding program. Health Information Technology (HIT) is designed for individuals who are interested in working in the field of medical coding. Instruction includes courses in medical terminology, CPT coding, ICD coding, computer software applications in healthcare, reimbursement methodologies, healthcare data structure and delivery systems, anatomy and physiology, pathophysiology, and pharmacology. During the final semester, all students participate in a medical coding work/study program. They intern in hospitals, physicians' offices, ambulatory care centers, and other healthcare facilities. Successful completion of the certificate qualifies students to sit for the entry level national coding certification exam CCA (Certified Coding Associate) and provides the theory included in the mastery coding certification exams CCS (Certified Coding Specialist) and CCS-P (Certified Coding Specialist-Physician based).

Course Descriptions: Online or PDF

Office Technology – Health Information Technology Certificate	
Total Credits: 37	
First Semester	
HIT 151 Medical Terminology	3
HIT 154 Computer Software Applications in Healthcare	3
HIT 156 Medical Coding CPT	3
HIT 250 Healthcare Data Structure and Delivery Systems	3
BIO 101 General Biology I	4
Total Semester Credits	16
Second Semester	
HIT 157 Medical Coding ICD	3
HIT 158 Reimbursement Methodologies	3
HIT 256 Advanced CPT Coding	3
BIO 131 Pathophysiology	3
AHS 103 Fundamentals of Pharmacology	3
Total Semester Credits	15
Third Semester	
HIT 257 Advanced ICD Coding	3
HIT 258 Medical Coding Work/Study	3
Total Semester Credits	6

OFFICE: Nassau Hall, Room M-217, (516) 572-7450.

CHAIRPERSON: Mark S. Halfon, Mark.Halfon@ncc.edu.

FACULTY: E. Deluty, N. Newton, G. Ostertag, F. Pupa, S. Walden.

COURSES OFFERED: Philosophy (PHI).

Philosophy means love of wisdom. A philosopher questions everything, seeking answers to serious questions: Does human life have meaning? What is the difference between right and wrong? How should we live our lives? Do we have free will? Does God exist? Can humans know what the physical world is really like? In doing this, the philosopher uses finely tuned arguments and tries to follow them wherever they lead. Philosophy is intrinsically interesting, enlightening, and enjoyable, but it is also an unsurpassed tool for sharpening students' reasoning skills. Moreover, philosophy courses are writing intensive, emphasizing the written expression of philosophical ideas. This is why pre-law and pre-medical students are often advised to study it, and many four-year colleges and universities require it of all students.

OFFICE: Cluster D, Room 3090, (516) 572-7279

CHAIRPERSON: Lance S. Rigano, Lance.Rigano@ncc.edu.

FACULTY: L. Bastiaans, T. Benitt, T. Bruckner, N. Harris, G. Lehenbauer, W. Ramsey, M. Sichko, P. Simone, D. Stern, J. Thissen, F. Viscovich, A. Vitale, G. Williams, P. Zito.

TECHNOLOGIST: A. Altmann.

TECHNICAL ASSISTANT: A. Sanchioli, M. Zito.

COURSES OFFERED: Physical Sciences (SCI), Multidisciplinary Science (MDS).

The course number designation does not reflect the level of difficulty, and there are no course prerequisites. The courses in the Department of Physical Sciences are all accessible to the non-science major. These course offerings will also provide a focus for the future science major. The Department's facilities include six laboratories with specialized equipment for all of the physical science courses being offered.

Computers are available for use in the lecture rooms and laboratories as well as two special science computer rooms. These rooms offer the students an opportunity to work with laboratory equipment, and computers for tutorial work, experiment simulations, as well as word processing. The Department has a planetarium with an 18-foot diameter dome which is utilized in astronomy courses and during "Open House" astronomy nights. State-of-the-art telescopes are used in the lab as well as for observations of the evening sky.

Meteorology students have access to the NCC Weather Center.

Computers in the weather center receive the McIDAS data stream via the Internet, and they collect, store, and graph current weather data at NCC as measured by various instruments on the roof. Computers are also used to acquire current weather maps and weather information from numerous Internet sites. Geology students may have the opportunity to learn more about the geology of Long Island and the Metropolitan area through field trips and may also be able to participate in special research projects that investigate real issues affecting their local environment. For Geology students interested in the area of gemology, special sections are offered in which instruction utilizing optical identification instruments and real gems is provided in the lab. Field trips provide Environmental Science students with direct observation of environmental phenomenon.

Special distance-learning sections of certain courses are offered either through College of the Air or as a hybrid online course. These distance-learning sections have several meetings on campus to do lab experiments and take exams. These classes meet either on Saturdays or Sundays. Communication between the instructor and students is by email and fax. The hybrid online course materials are obtained through a course web site. Colleges of the Air course materials are available through a course web site and through videotapes. Students wishing to major in Physical Science or who are considering pursuing study in these subjects at the baccalaureate level should see departmental advisors.

OFFICE: Building G, Room 355, (516) 572-7458.

CHAIRPERSON: Sidney Hochman, Sidney.Hochman@ncc.edu.

FACULTY: C. Bayern, P. Bright, S. Cohen, W. Eisner, J. Ellenbogen, P. Flores, E. Gaudino-Goering, B. Gorman, S. Gorman, H. Hilary, B. Katz, L. Korman, D. Kramer, B. Levine, D. Martin, D. Milillo, C. Olko, M. O'Loughlin, S. Richman, L. Salpeter, L. Sidorowicz, A. Tigner.

COURSES OFFERED: Psychology (PSY).

In the field of psychology, fundamental survey courses are offered to fit the needs of all students. Those desiring to specialize are provided with patterns of preprofessional courses designed to satisfy the requirements of transfer colleges. Elective offerings provide further study in psychology for those seeking careers in counseling and teaching. Students wishing to pursue study at the baccalaureate level in these subjects should see departmental advisors.

The following curricula are offered by the Psychology Department:

Disability Studies (A.A): The Disability Studies (A.A.) explores disability from historical, cultural, philosophical, psychological and socio-political perspectives and from multiple disciplinary - and interdisciplinary- angles. Job opportunities may be found in developmental or physical disability service agencies, independent living centers, mental health centers, schools, geriatric and vocational rehabilitation agencies. It may also lead to employment in organizations promoting disability rights, advocacy and activism. Graduates are prepared to work effectively with individuals with many different disabilities, disorders, or conditions. Credits earned may be applied toward a B.A. in Disability Studies, Psychology or related fields.

Disability Studies (Certificate): The Disability Studies Certificate is designed to prepare students for a career in the field of disability service. Students will gain the theoretical knowledge and practical skills that will allow them to effectively provide services that meet the unique needs of individuals with disabilities across the life-span. Courses in the program assist students in developing an understanding and knowledge of disabilities that take into consideration the individual with a disability, societal influences, the environmental setting and the mandates of disability law. Students will also learn to employ assessment techniques, programming strategies, goal planning, and life-skills training that support self-advocacy, productivity and community inclusion for individuals with developmental disabilities across the life span.

Degree: A.A. DEGREE

Description: The Disability Studies (A.A.) explores disability from historical, cultural, philosophical, psychological and socio-political perspectives and from multiple disciplinary -and interdisciplinary- angles. Job opportunities may be found in developmental or physical disability service agencies, independent living centers, mental health centers, schools, geriatric and vocational rehabilitation agencies. It may also lead to employment in organizations promoting disability rights, advocacy and activism. Graduates are prepared to work effectively with individuals with many different disabilities, disorders, or conditions. Credits earned may be applied toward a B.A. in Disability Studies, Psychology or related fields.

Course Descriptions: Online or PDF

FIRST SEMESTER:	
ENG 101 Composition I	3
PSY 203 General Psychology	3
Mathematics Elective	3
Natural Science Directed Elective AHS 131 Anatomy and Physiology I and AHS 132 Anatomy and Physiology II or BIO 101 General Biology I and BIO 102 General Biology II	4
Communication Arts Elective COM 101 Oral Communication, COM 201 Persuasive Speaking or COM 103 Public Speaking	3
Total Semester Credits	16
SECOND SEMESTER:	
ENG 102 Composition II	3
Developmental Psychology Elective EDU 104 Infants and Toddlers, PSY 213 Child Development, PSY 212 Adolescent Psychology or PSY 216 Life Span Development	3
EDU 105 Intro to Developmental Disabilities	3
Natural Science Directed Elective AHS 131 Anatomy and Physiology I and AHS 132 Anatomy and Physiology II or BIO 101 General Biology I and BIO 102 General Biology II	4
Mathematics or Computer Science Elective	3
Physical Education Elective	2
Total Semester Credits	18
THIRD SEMESTER:	
SOC 201 Introduction to Sociology	3
Fine and Performing Arts Elective	3

History Restricted Elective one course from either History or Literature elective must fulfill the Western Heritage (WESH) or Global Awareness and Non-Western Cultures (GLNW) category	3
Literature Restricted Elective one course from either History or Literature elective must fulfill the Western Heritage (WESH) or Global Awareness and Non-Western Cultures (GLNW) category	3
EDU 101 Applied Behavior Analysis I: Field Practicum	3
Physical Education Elective	2
Total Semester Credits	17
FOURTH SEMESTER:	
Directed Elective PSY 220 Brain & Behavior, PSY 235 Psychology of the Exceptional Child, SPS 201 Perspectives on People with Disabilities, PSY 215 Abnormal Psychology, ASL 226 Communication and Culture in the Deaf Community, EDU 102 Applied Behavior Analysis II: Practicum, HED 201 Personal and Family Health or ASL 153 American Sign Language II, HED 293 Community Health	3
PHI 110 Biomedical Ethics	3
Pluralism and Diversity Directed Elective SOC 216 Aging, Society and Culture, ANT 204 Cultural Anthropology, or SOC 222 Sociology of Gender	3
Communications or Foreign/ASL Language Elective	3
Directed Elective PSY 220 Brain & Behavior, PSY 235 Psychology of the Exceptional Child, SPS 201 Perspectives on People with Disabilities, PSY 215 Abnormal Psychology, ASL 226 Communication and Culture in the Deaf Community, EDU 102 Applied Behavior Analysis II: Practicum, HED 201 Personal and Family Health or ALS 153 American Sign Language II, HED 293 Community Health	3
TOTAL CREDITS	64-66

Disability Studies	
Total Credits: 28-30	
First Semester	
PSY 203 General Psychology I	3
EDU 105 Introduction to Developmental Disabilities	3
ENG 101 English Composition	3
Directed Elective Choose one from: HED 201 Personal and Family Health, HED 293 Community Health, PHI 110 Biomedical Ethics, EDU 235/PSY 235 Psychology of the Exceptional Child, PSY 215 Abnormal Psychology or SPS 201 Perspectives on People with Disabilities.	2-3
EDU 101 Applied Behavior Analysis: Field Experience I	4
Total Semester Credits	15-16
Second Semester	
Developmental Psychology Directed Elective Choose one from: EDU 104 Infant and Toddlers, PSY 212 Adolescent Development, PSY 213 Child Development or PSY 216 Lifespan Human Development.	3
Mathematics, Computer Science or Lab Science (Choose AHS 101 Anatomy and Psychology or BIO 101 General Biology) Elective	3-4
Directed Elective Choose one from: HED 201 Personal and Family Health, HED 293 Community Health, PHI 110 Biomedical Ethics, EDU 235/PSY 235 Psychology of the Exceptional Child, PSY 215 Abnormal Psychology or SPS 201 Perspectives on People with Disabilities.	3
EDU 102 Applied Behavior Analysis II: Field Experience: Practicum	4
Total Semester Credits	13-14

OFFICE: Reading - Building N, Room 205, (516) 572-7464.

BEP OFFICE: Building N, Room 106, 572-7630

CHAIRPERSON: Christine Berg, Christine.Berg@ncc.edu.

FACULTY: M. Ardise, S. Berkovits, A. Bressmer, Q. Y. Chen, L. Coley, S. Fox, N. Forchelli, M. Forte, S. Fox, K. Golde, D. Grodenchik, M. Hammer, D. Katwala, C. Krupa, V. Lagakis, L. Landesberg, B. Levy, S. Liff, W. Lowenfeld, J. Maher, S. Masrour, J. Miller, D. Mon, A.M. Monaco, S. Newlin-Wagner, C. Novins, D. O'Brien-Smith, K. Quinn, H. Rice, L. Rysdyk, J. Stern, D. Tyler

COURSES OFFERED: Basic Education (BEP), Reading (RDG).

All matriculated students placing at the 001 level of remediation in Reading and English and 001 or 002 level in Math are offered a place in the Basic Education Program (BEP). Students are required to complete this program successfully before being permitted to register for the next level of courses in Reading, English, and Math. All students who take the placement test and score RDG 001 or RDG 002 are required to enroll in the course in the first semester of attendance. Successful completion of each course is required. If RDG 001 is the original placement, RDG 002 is required unless the student is exempted by meeting Department standards. For students for whom English is not their first language, the Department of Reading and Basic Education offers a reading course at the college preparatory level of instruction. Students are placed in the course on the basis of a reading test. This course is one of the College's offerings for English language learners. See the English Department for writing courses and the Communications Department for conversation/pronunciation courses. The Language Immersion program at Nassau Community College (LINCC) is available to students who do not place into college level ESL courses. The Department also offers credit reading courses. For further information, contact the Department of Reading and Basic Education at 572-7464.

OFFICE: Building G, Room 357, (516) 572-7452.

CHAIRPERSON: Lyle Hallowell, Lyle.Hallowell@ncc.edu.

FACULTY: N. Barker, P. Halcrow, R. Renoff, J. Rosenfeld, A. Schwartz, J. Varacalli, E. Wood, J. Young.

COURSES OFFERED: Sociology (SOC), Human Services (HMS), Anthropology (ANT).

The Department offers survey courses in sociology and anthropology and human services, as well as thematic courses and field work courses that allow students to investigate the social world in greater detail. Our courses explore the kinds of questions that arise as soon as we start to look more closely at the world around us. Why is there economic and social inequality in American society? Why are some nations rich while others are poor? Are anti-drug policies effective? How do we explain why some people commit crimes? How are different religions organized, and how do they fit into societies? Are "traditional" gender roles really traditional? How are important elements of identity like gender, ethnicity, race, class, sexuality, socially constructed? How can we change the world we live in, and how does it shape our lives? How is health care delivered? How do consumer practices shape our lives? What kinds of struggles do typical families face today?

Sociology and anthropology courses are designed to meet the needs of general liberal arts and social science students as well as those planning to pursue sociology or anthropology majors at the baccalaureate level and beyond. Human services courses are designed to help students explore career options within social work and human services.

Students wishing to pursue study at the baccalaureate level in sociology, anthropology or social work should see departmental advisors.

The following curricula are offered by this Department:

Human Services: Community Service and Social Welfare (A.A.) -

This program leads to the Associate of Arts degree and is designed for those students who intend to transfer to a baccalaureate program in social work or a related human services field. The program includes a broad variety of required and elective courses in community service (social-work oriented courses), social sciences, humanities, literature, science and math, and addictions. Various articulation agreements are in place for successful graduating students.

Human Services: Community Service and Social Welfare (A.A.) -

This program leads to the Associate of Arts degree and is designed for those students who intend to transfer to a baccalaureate program in social work or a related human services field. The program includes a broad variety of required and elective courses in community service (social-work oriented courses), social sciences, humanities, literature, science and math, and addictions. Various articulation agreements are in place for successful graduating students.

Course Descriptions: Online or PDF

Human Services	
A.A. Program	
Total Credits: 66-68	
First Semester	
ENG 101 Composition I	3
SOC 201 Introduction to Sociology	3
PSY 203 General Psychology I	3
BIO 101 General Biology I	4
HMS 117 Introduction to Community Service	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 Composition II	3
Fine/Perf. Arts Elective*	3
Laboratory Science Elective	3-4
HIS 104 American History II	3
HMS 200 Community Service Skills	3
PED Activity Course (s)	1
Total Semester Credits	16-17
Third Semester	
English Literature Elective	3
HED 271 Alcoholism, Addictions and Abusive Behavior	3
MAT/CMP Elective	3-4
Humanities Elective**	3
HMS 205 Community Service Internship	3
Total Semester Credits	15-16
Fourth Semester	
Social Science Elective**	3

MAT 102 Introduction to Statistics	3
Communications Elective	3
Humanities Elective**	3
Culture/Diversity Elective **	6
Total Semester Credits	18

* NO "STUDIO" CLASSES.
 ** Speak to advisor re: requirements of intended transfer institution.

OFFICE: Nassau Hall, Room 11, (516) 572-7506.

CHAIRPERSON: Richard Ashker, Richard.Ashker@ncc.edu.

FACULTY: M. Afkhami-Ramirez, G. Alvarez-Ortiz, C. Andrew, R. Barzilay, R. Conway, C. Egelman, J. Frankel, S. Grossman, H. Guttenberg-Menco, J. Hoyt, O. Jewett, L. Joseph, P. Kurland, D. Kimbrough-Lowe, M. Ludmar, A. Orologio, M. Peck, D. Petronella, R. Rubin, J. Segadelli, D. Smalls, J. Smith, D. Sparberg, J. Suh, H. Williams, C. Wynter, W. Zatulskis.

TECHNICAL ASSISTANTS: R. DeJesus, E. Hudgins, L. Roddini, D. Smith, C. Vanek.

COURSES OFFERED:

Student Personnel Services (SPS): SPS 093 BEP Seminar, SPS 102 Career Exploration, SPS 111 Understanding Substance Use, Abuse and Addiction, SPS 201 Perspectives on People with Disabilities.

The SUNY Teacher Education Transfer Template (TETT) is a State University of New York System articulation project designed to facilitate transfer between participating SUNY Associate Degree-Granting Institutions (ADGIs) and those SUNY baccalaureate campuses with teacher education programs, consistent with the Chancellor's initiative, A New Vision in Teacher Education (<http://www.sysadm.suny.edu/provost/teachered.htm>). The goal is both to eliminate course incompatibilities that can hinder student progress and to simplify advisement at all campuses involved in teacher education. The TETT project calls for a model AA or AS curriculum consisting of three components for students aspiring to earn bachelor degrees with recommendation for NYS teacher certification in Childhood or Early Childhood Education or in Adolescence Education:

- General Education Core: complete SUNY-GER plus an additional three credits of Foreign Language (33 credit hours);
- Major or Concentration: at present the TETT project web site covers coursework in seven majors/concentrations - Biology, Chemistry, Earth Science, English, History/Social Studies, Mathematics, Physics (12-18 credit hours); and
- Pedagogical Core: one Psychology course (Child or Adolescent) and Foundations of Education (6 credit hours).

When a SUNY ADGI student completes these three components within a particular sequence of coursework, s/he is assured that the represented coursework will transfer to one of the SUNY designated campuses offering baccalaureate teacher education programs. The TETT project is a SUNY System articulation initiative and therefore assures that a transferring student's coursework is accepted in whole if the student meets the criteria for admission to a parallel program at a participating SUNY baccalaureate campus. The TETT project does not guarantee admission to a particular teacher education baccalaureate program or institution. Information pertaining to the admission requirements for participating senior college programs is provided as part of the guidance on the TETT web site, <http://www.suny.edu/EducationTransfer>. Students are also advised to visit the web pages of teacher education campuses of interest, accessible from this site.

The six Teacher Education degree programs offered by Nassau Community College are detailed below. Students matriculated in any of these programs are reminded that specific courses should be selected in close consultation with an advisor and based on the requirements of the students target baccalaureate institution. For further information, contact the Teacher Education Coordinator, Professor Diane Martin at 516.572.7458.

Programs of Study

Early Childhood Education A.A.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Early Childhood Education, Teacher Education Transfer (Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels Birth through Second Grade (Birth-2).

This course of study provides students with a balance of coursework between completing Education classes, General Education requirements, and pursuing courses within the students' selected academic major. Students can major/concentrate in English, History or Special Education

Early Childhood Education A.S.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Early Childhood Education, Teacher Education Transfer (Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels Birth through Second Grade (Birth -2nd).

This course of study provides students with a balance of coursework between completing Education classes, General Education

requirements, and pursuing courses within the students' selected academic major. Students can major/concentrate in General Science, Mathematics or Special Education.

Childhood Education A.A.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Childhood Education, Teacher Education Transfer (Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels First through Sixth Grade (1st -6th).

This course of study provides students with a balance of coursework between completing Education classes, General Education requirements, and pursuing courses within the students' selected academic major.

Students can major/concentrate in English, History or Special Education.

Childhood Education A.S.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Childhood Education, Teacher Education Transfer (Te Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels First through Sixth Grade (1st -6th).

This course of study provides students with a balance of coursework between completing Education classes, General Education requirements, and pursuing courses within the students' selected academic major. Students can major/concentrate in General Science, Mathematics or Special Education.

Adolescence Education A.A.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Adolescence Education, Teacher Education Transfer (The Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels Seventh through Twelfth Grade (7-12).

This course of study provides students with a balance of coursework between completing Education classes, General Education requirements, and pursuing courses within the students' selected academic major. Students can major in English, Social Studies, or Special Education.

Adolescence Education A.S.

Description: This program is designed to support and encourage progress toward a baccalaureate degree and NYS teacher certification for students interested in pursuing teaching as a career. Adolescence Education, Teacher Education Transfer (Liberal Arts and Sciences) degree is specifically for students interested in teaching grade levels Seventh through Twelfth Grade (7th -12th).

This course of study also provides students with a balance of coursework between completing Education classes, General Education requirements, and pursuing courses within the students' selected academic major. Students can major/concentrate in Biology, Chemistry, Earth Science, Mathematics, Physics or Special Education.

Teaching Assistant Certificate

Description: This program is designed to meet the training levels for New York State Teaching Assistant Licensure and Certification. The Teaching Assistant Certificate provides an opportunity for individuals interested in education to begin their higher education in a gradual and supportive manner. Teaching Assistants provide direct instructional services to students under the supervision of a licensed teacher. All courses are applicable to the Teacher Education Transfer Associate degrees and provide a smooth transition to baccalaureate level education programs.

Course Descriptions: Online or PDF

Early Childhood Education, Teacher Education Transfer	
Liberal Arts and Science	
A.A. Program	
Total Credits: 64-67	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 102 Introduction to Statistics	3
BIO 101 General Biology I	4
Foreign Language I or American Sign Language I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 Composition II	3
PSY 213 Child Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Elective - Choose from among: CHE 107 General Chemistry, PHY 101 General Physics, PHY 120 Physics for Educators, SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy	4
Mathematics Elective: MAT 101 Concepts of Mathematics or MAT 114 Foundations of Mathematics for Educators	3
Total Semester Credits	16
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education - The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
ENG 203 Early American Literature to 1865 or ENG 204	3

Modern American Literature from 1865 to Present	
MAJOR/CONCENTRATION Requirement	3
For English Major/ Concentration: ENG 314 Studies in Children's Literature For History Major/ Concentration: HIS 103 or HIS 104 History of the United States I or II	
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
EDU 235 / PSY 235 Psychology of the Exceptional Child	3
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3
SUNY General Education - Other World Civilization: by advisement	3
MAJOR/CONCENTRATION Requirement	0-3
For History Major/ Concentration: HIS 125 Role of Women in American History or HIS 130 Ethnic Groups in American History.	
EDUCATION ELECTIVE	3
For History or English Major/ Concentration: by advisement	
Total Semester Credits	15-18

Course Descriptions: Online or PDF

Childhood Education, Teacher Education Transfer	
Liberal Arts and Sciences	
A.A. Program	
Total Credits: 64-67	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 102 Introduction to Statistics	3
BIO 101 General Biology I	4
Foreign Language I or American Sign Language I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 Composition II	3
PSY 213 Child Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Elective - Choose from among: CHE 107 General Chemistry, PHY 101 General Physics, PHY 120 Physics for Educators, SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy	4
Mathematics Elective: MAT 101 Concepts of Mathematics or MAT 114 Foundations of Mathematics for Educators	3
Total Semester Credits	16
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education - The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
ENG 203 Early American Literature to 1865 or ENG 204	3

Modern American Literature from 1865 to Present	
MAJOR/CONCENTRATION Requirement	3
For English Major/ Concentration: ENG 314 Studies in Children's Literature	
For History Major/ Concentration: HIS 103 or HIS 104 History of the United States I or II	
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
EDU 235 / PSY 235 Psychology of the Exceptional Child	3
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3
SUNY General Education - Other World Civilization: by advisement	3
MAJOR/CONCENTRATION Requirement	0-3
For History Major/ Concentration: HIS 125 Role of Women in American History or HIS 130 Ethnic Groups in American History	
EDUCATION ELECTIVE	3
For History or English Major/ Concentration: by advisement	
Total Semester Credits	15-18

Course Descriptions: Online or PDF

Adolescent Education, Teacher Education Transfer	
Liberal Arts and Sciences	
A.A. Program	
Total Credits: 64-67	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 102 Introduction to Statistics	3
BIO 101 General Biology I	4
Foreign Language I or American Sign Language I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 Composition II	3
PSY 212 Adolescent Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Elective – Choose from among: CHE 107 General Chemistry, PHY 101 General Physics, PHY 120 Physics for Educators, SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar Astronomy or SCI 106 Stellar and Galactic Astronomy	4
Mathematics Elective: MAT 111 Pre-Calculus or MAT 118 Finite Mathematics: Quantitative Analysis	3
Total Semester Credits	16
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education - The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
ENG 203 Early American Literature to 1865 or ENG 204	3

Modern American Literature from 1865 to Present	
MAJOR/CONCENTRATION Elective	3
For Social Studies Major/ Concentration: HIS 103 or HIS 104 History of the United States I or II	
For English Major/ Concentration – Choose from among: ENG 207 African American Literature I, ENG 208 African American Literature II, ENG 248 Woman in Literature or ENG 229 Native American Literature	
PED Activity Course (s)	1
Total Semester Credits	16
Fourth Semester	
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
MAJOR/CONCENTRATION Requirement:	0-3
For Social Studies Major/ Concentration: ECO 208 Principles of Microeconomics	
MAJOR/CONCENTRATION / EDUCATION Requirement	3
For Social Studies Major/ Concentration: ECO 207 Principles of Macroeconomics	
For English Major/ Concentration: by advisement	
SUNY General Education - Other World Civilization: by advisement	3
ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3
EDUCATION ELECTIVE	3
For History or English Major/ Concentration: by advisement	
Total Semester Credits	15-18

Course Descriptions: Online or PDF

Early Childhood Education, Teacher Education Transfer	
Liberal Arts and Sciences	
A.S. Program	
Total Credits: 67-68	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 114 Foundation of Mathematics for the Elementary School Teacher	3
BIO 109 Principles of Biology I	4
Foreign Language I or American Sign Language I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 English Composition II	3
PSY 213 Child Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Elective – Choose from among: CHE 151 Inorganic Chemistry I, PHY 101 General Physics I or PHY 151 Physics for Scientists and Mathematicians I	4
MAT 122 Calculus I	4
Total Semester Credits	17
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education - The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
MAJOR/CONCENTRATION Elective	4
For Mathematics Major/ Concentration: MAT 123 Calculus II	

For General Science Major/ Concentration: BIO 110 Principles of Biology II	
EDUCATION or MAJOR/ CONCENTRATION Elective	3-4
For Mathematics Major/ Concentration: by advisement	
For General Science Major/ Concentration – Choose from among: SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy	
Total Semester Credits	16-17
Fourth Semester	
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
English Literature Elective – Choose from among: ENG 203 Early American Literature to 1865, ENG 204 Modern American Literature from 1865 to Present, ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3
EDUCATION or MAJOR/ CONCENTRATION Elective	4
For Mathematics Major/ Concentration: MAT 225 Multivariable Calculus	
For General Science Major/ Concentration – Choose from among: CHE 152 Inorganic Chemistry II, PHY 102 General Physics II or PHY 152 Physics for Scientists and Mathematicians II	
SUNY General Education – Other World Civilization: by advisement	3
PED Activity Course(s)	1
Education or Major/Concentration Elective	3
For Mathematics or General Science Major/Concentration: by advisement	
Total Semester Credits	17

Course Descriptions: Online or PDF

Childhood Education, Teacher Education Transfer	
Liberal Arts and Sciences	
A.S. Program	
Total Credits: 67-68	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 114 Foundation of Mathematics for the Elementary School Teacher	3
BIO 109 Principles of Biology I	4
Foreign Language I or American Sign Language I	3
PED Activity Course (s)	1
Total Semester Credits	17
Second Semester	
ENG 102 English Composition II	3
PSY 213 Child Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Elective – Choose from among: CHE 151 Inorganic Chemistry I, PHY 101 General Physics I or PHY 151 Physics for Scientists and Mathematicians I	4
MAT 122 Calculus I	4
Total Semester Credits	17
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education - The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
MAJOR/CONCENTRATION Elective	4
For Mathematics Major/ Concentration: MAT 123 Calculus	

For General Science Major/ Concentration: BIO 110 Principles of Biology II	
EDUCATION or MAJOR/ CONCENTRATION Elective	3-4
For Mathematics Major/ Concentration: by advisement	
For General Science Major/ Concentration – Choose from among: SCI 103 Physical Geology, SCI 104 Historical Geology, SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy	
Total Semester Credits	16-17
Fourth Semester	
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
English Literature Elective – Choose from among: ENG 203 Early American Literature to 1865, ENG 204 Modern American Literature from 1865 to Present, ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3
MAJOR/CONCENTRATION Elective	4
For Mathematics Major/ Concentration: MAT 225 Multivariable Calculus	
For General Science Major/ Concentration – Choose from among: CHE 152 Inorganic Chemistry II, PHY 102 General Physics II or CHE 152 Physics for Scientists and Mathematicians II	
SUNY General Education – Other World Civilization: by advisement	3
PED Activity Course(s)	1
Education or Major/Concentration Elective	3
For Mathematics or General Science Major/Concentration: by advisement	
Total Semester Credits	17

Course Descriptions: Online or PDF

Adolescence Education, Teacher Education Transfer	
Liberal Arts and Sciences	
A.S. Program	
Total Credits: 69-72	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
MAT 122 Calculus I	4
Natural Lab Science Requirement	4
For Mathematics or Biology Major/Concentration: BIO 109 Principles of Biology I	
For Chemistry or Earth Science Major/Concentration: CHE 151 Inorganic Chemistry I	
For Physics Major/Concentration: PHY 151 Physics for Scientists and Mathematicians	
Foreign Language I or American Sign Language I	3
PED Activity Course(s)	1
Total Semester Credits	18
Second Semester	
ENG 102 English Composition II	3
PSY 212 Adolescent Development	3
Foreign Language II or American Sign Language II	3
Natural Lab Science Requirement:	4
For Mathematics Major/Concentration: CHE 151 Inorganic Chemistry I or PHY 151 Physics for Scientists and Mathematicians I	
For Biology Major/Concentration: BIO 110 Principles of Biology II	
For Chemistry or Earth Science Major/Concentration: CHE 152 Inorganic Chemistry II	
For Physics Major/Concentration: PHY 152 Physics for Scientists and Mathematicians II	
MAT 123 Calculus II	4

PED Activity Course(s)	1
Total Semester Credits	18
Third Semester	
EDU 208 Foundations of Education	3
SUNY General Education – The Arts: by advisement	3
HIS 103 History of the United States I or HIS 104 History of the United States II	3
MAJOR/CONCENTRATION Requirement:	4-5
For Mathematics or Physics Major/Concentration: MAT 225 Multivariable Calculus	
For Biology Major/Concentration: CHE 151 Inorganic Chemistry I	
For Chemistry Major/Concentration: CHE 201 Organic Chemistry I	
For Earth Science Major/Concentration: SCI 103 Physical Geology	
MAJOR/CONCENTRATION Requirement:	3-4
For Biology Major/Concentration: BIO 214 Microbiology	
For Earth Science Major/Concentration: SCI 105 Solar System Astronomy or SCI 106 Stellar and Galactic Astronomy	
For Mathematics, Chemistry or Physics Major/Concentration: by advisement	
Total Semester Credits	16-18
Fourth Semester	
HIS 101 History of Western Civilization I or HIS 102 History of Western Civilization II	3
English Literature Elective – Choose from among: ENG 203 Early American Literature to 1865, ENG 204 Modern American Literature from 1865 to Present, ENG 205 Early English British Literature to 1800 or ENG 206 Modern British Literature from 1800 to Present	3

Education or Major/Concentration Elective For Mathematics, Biology, Chemistry, Earth Science or Physics Major/Concentration: by advisement	4
SUNY General Education – Other World Civilization: by advisement	3
MAJOR/CONCENTRATION Requirement: For Mathematics Major/ Concentration: MAT 226 Linear Algebra and Differential Equations For Biology Major/ Concentration: CHE 152 Inorganic Chemistry II For Chemistry Major/ Concentration: CHE 202 Organic Chemistry II For Earth Science Major/ Concentration: SCI 104 Historical Geology	4-5
Total Semester Credits	17-18

Course Descriptions: Online or PDF

Teacher Assistant Certificate Total Credits: 30	
First Semester	
ENG 101 Composition I	3
PSY 203 General Psychology I	3
Laboratory Science Elective Choose from BIO 101 (General Biology), CHE 107 (General Chemistry), PHY 120 (Physics for Educators), SCI 103 (Physical Geology), SCI 104 (Historical Geology), SCI 105 (Solar System Astronomy) or SCI 106 (Stellar and Galactic Astronomy).	4
EDU 101 Applied Behavior Analysis: Field Experience I	4
Mathematics Elective Choose from MAT 101 (Concepts of Mathematics), MAT 102 (Introduction to Statistics) or MAT 114 (Foundations of Mathematics for Educators).	3
Total Semester Credits	17
Second Semester	
EDU 102 Applied Behavior Analysis: Field Experience II: Practicum	4
EDU 208 Foundations of Education	3
EDU 235 / PSY 235 Psychology of the Exceptional Child	3
Developmental Psychology Choose from EDU 104 (Infants and Toddlers), PSY 212 (Adolescent Psychology) or PSY 213 (Child Development).	3
Total Semester Credits	13

OFFICE: Theatre Building, (516) 572-7508

CHAIRPERSON: Victor H. Abravaya, Esq.,
Victor.Abravaya@ncc.edu.

FACULTY: S. Berke, M. Boyle, R. Eienkel, R. Ginsburg, J. Pereira,
P. Teng.

TECHNICAL ASSISTANT: E. Morrison-Darren.

TECHNOLOGIST: P. Fox.

COURSES OFFERED: Dance (DAN), Theatre (THR).

The Department of Theatre and Dance is committed to academic excellence, offering undergraduate courses of study that will prepare students for transfer to four-year baccalaureate programs or conservatory programs. Our classes have a low student-to-faculty ratio, which allows for more personal attention in the classroom. Students have the opportunity to gain expertise in all of the fundamental areas of Theatre and Dance through an integrated program of study in a liberal arts context. Courses offered by the Department of Theatre and Dance may be used as Humanities or General Elective Credit. Specific courses serve as NCC and/or SUNY General Education Requirements. DAN 126 (Introduction to Modern Dance) may be used as a Physical Education activity elective. Students who wish to pursue the study of Acting, Dance, or Technical Theatre at the baccalaureate level should see departmental advisors.

The Department of Theatre and Dance offers discrete Associate in Arts degree programs in Acting, Dance, and Theatre.

A.A. Acting: In addition to Liberal Arts requirements, Acting degree students must successfully complete the Acting sequence: Acting I-IV, Theatre History I-II, Movement for the Actor I-II, Movement for Musical Theatre, Voice for Stage, a four-course sequence in Production & Performance, and ENG 300 (Shakespeare on Stage and Page).

A.A. Dance: In addition to Liberal Arts requirements, Dance degree students must successfully complete the Dance sequence: Dance History, Dance Technique I-IV (Modern Dance/Ballet), Dance Concepts I-II (Choreography), a Modern Dance sequence consisting of Introduction to Modern Dance, and Modern Dance I-II, and a four-course sequence in Rehearsal & Performance.

A.A. Technical Theatre: In addition to Liberal Arts requirements, Technical Theatre degree students must successfully complete the Technical Theatre sequence: Theatre History I-II, Stagecraft, Technical Production, Lighting Design, Scene Design, and a four-course sequence in Production & Performance.

Production Program: The Theatre/Dance Department's extensive open-to-the-public Production Program includes a Major Musical, a Children's Musical, a Dance Concert, a joint production with the Africana Studies Department, and numerous other plays and musicals. Auditions for these productions are open to all students enrolled in a minimum of six credits at the College. The Production Program serves as a closely supervised laboratory for the Department's Acting, Dance, and Technical Theatre academic courses, and as an effective mechanism for taking education beyond the walls of the classroom.

A.A. Acting: In addition to Liberal Arts requirements, Acting degree students must successfully complete the Acting sequence: Acting I-IV, Theatre History I-II, Movement for the Actor I-II, Movement for Musical Theatre, Voice for Stage, a four-course sequence in Production & Performance, and ENG 300 (Shakespeare on Stage and Page).

Course Descriptions: Online or PDF

ACTING	
A.A. Program	
Total Credits: 66-68	
First Semester	
THR 101 Introduction to Theatre History I	3
THR 103 Acting I	3
THR 110 Movement for Theatre	1
THR 115 Production and Performance	1
THR 120 Voice for Stage	1
DAN 126 Introduction to Modern Dance	1
ENG 101 Composition I	3
MAT Elective	3-4
Total Semester Credits	16-17
Second Semester	
THR 104 Acting II	3
THR 116 Production and Performance	1
THR 201 Introduction to Theatre History II	3
THR 119 Movement for Theatre II	1
PED 622 Circus Arts or	
PED Elective	1
ENG 102 Composition II	3
MAT or CSC Elective	3-4
DAN 109 Movement for Musical Theatre	1
Total Semester Credits	16-17
Third Semester	
THR 207 Acting III	3
THR 215 Production and Performance	1
ENG Elective or	
COM Arts Elective	3

Laboratory Science Elective	4
PSY 203 Introduction to Psychology	3
SOC SCI Elective ¹	3
Total Semester Credits	17
Fourth Semester	
THR 208 Acting IV	3
THR 216 Production and Performance	1
ENG 300 Shakespeare on Stage and Page	3
Laboratory Science Electives	4
Social Science Electives ¹	6
Total Semester Credits	17
<p>¹ At least one course must be in History and one course must satisfy either Global Awareness and Non-Western Cultures or Pluralism and Diversity. In some instances, a single course may satisfy more than one category.</p>	

A.A. Dance: In addition to Liberal Arts requirements, Dance degree students must successfully complete the Dance sequence: Dance History, Dance Technique I-IV (Modern Dance/Ballet), Dance Concepts I-II (Choreography), a Modern Dance sequence consisting of Introduction to Modern Dance, and Modern Dance I-II, and a four-course sequence in Rehearsal & Performance.

Course Descriptions: Online or PDF

Dance	
A.A. Program	
Total Credits: 68-71	
First Semester	
DAN 101 Dance in 20th Century	3
SOC SCI Elective ¹	3
DAN 126 Introduction to Modern Dance	1
DAN 129 Rehearsal and Performance	1
DAN 140 Elementary Modern Dance Technique and Ballet	3
ENG 101 Composition I	3
MAT Elective	3-4
Total Semester Credits	17-18
Second Semester	
DAN 105 Dance Concepts I	2
DAN 127 Modern Dance I	2
DAN 130 Rehearsal and Performance	1
DAN 141 Elementary Modern Dance Techniques and Ballet	3
ENG 102 Composition II	3
MAT or CSC Elective	3-4
Social Science Elective ¹	3
Total Semester Credits	17-18
Third Semester	
Social Science Elective ¹	3
Social Science Elective ¹	3
DAN 131 Rehearsal and Performance	1
DAN 240 Intermediate Modern Dance Techniques and Ballet	3
COM Arts Elective	3
Laboratory Science Elective	4

Total Semester Credits	17
Fourth Semester	
DAN 128 Modern Dance II	2
DAN 132 Rehearsal and Performance	1
DAN 241 Intermediate Modern Dance Techniques and Ballet	3
Literature Elective	3
Non-Lab or LAB SCI Elective	3-4
DAN 106 Dance Concepts II	2
General Elective	3
Total Semester Credits	17-18
1 At least one course must be in History and two courses must satisfy two of the following: Western Heritage, Global Awareness and Non-Western Cultures or Pluralism and Diversity. In some instances, a single course may satisfy more than one category.	

A.A. Technical Theatre: In addition to Liberal Arts requirements, Technical Theatre degree students must successfully complete the Technical Theatre sequence: Theatre History I-II, Stagecraft, Technical Production, Lighting Design, Scene Design, and a four-course sequence in Production & Performance.

Course Descriptions: Online or PDF

Technical Theatre	
A.A. Program	
Total Credits: 67-70	
First Semester	
THR 101 Introduction to Theatre History I	3
THR 107 Stagecraft	3
THR 115 Production and Performance	1
ENG 101 Composition I	3
MAT Elective	3-4
Social Science Elective ¹	3
Total Semester Credits	16-17
Second Semester	
THR 108 Technical Production	3
THR 116 Production and Performance	1
THR 201 Introduction to Theatre History II	3
ENG 102 Composition II	3
MAT or CSC Elective	3-4
PED Activity Elective(s)	1
Social Science Elective ¹	3
Total Semester Credits	17-18
Third Semester	
THR 202 Lighting Design	3
THR 215 Production and Performance	1
General Elective	3
COM Arts Elective	3
Laboratory Science Elective	4
Social Science Elective ¹	3
Total Semester Credits	17
Fourth Semester	

THR 203 Scene Design	3
THR 216 Production and Performance	1
Literature Elective	3
Non-Lab or LAB SCI Elective	3-4
Social Science Elective ¹	3
General Elective	3
PED Activity Elective(s)	1
Total Semester Credits	17-18
1 At least one course must be in History and one course must satisfy either Global Awareness and Non-Western Cultures or Pluralism and Diversity. In some instances, a single course may satisfy more than one category.	

Accounting

ACC

ACC 101 - Accounting I

Prerequisites: A student with two or more remedial requirements cannot take this course.

Description: This course is an introduction to financial statements, analysis of the statements, and accounting concepts and theories for service and merchandising entities. Other topics include cash, receivables, inventory, and current liabilities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 102 - Accounting II

Prerequisites: ACC 101 with a grade of C or better

Description: This course is an introduction to accounting concepts and theories for corporations and manufacturing entities. The course focuses on accounting concepts for non-current assets and long term liabilities. It also includes financial statement analysis as well as specific accounting concepts relating to statement of cash flows and cost accounting.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 104 - Managerial Accounting

Prerequisites: ACC101 with a grade of C or better.

Description: This course is an introduction to the concepts of Managerial Accounting and their application in today's business environment. The course presents managerial tools and their uses in decision making within manufacturing, merchandising and service entities. It also emphasizes specific managerial uses of the accounting information within the entity.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Accounting and Business Admin

ACC 125 - Computerized Accounting

Description: An introductory course providing students with accounting knowledge incorporating accounting software programs such as Peachtree, QuickBooks and other similar commercial software packages.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Accounting and Business Admin

ACC 201 - Intermediate Accounting I

Prerequisites: ACC 101 and 102 with grade of C or better in each course.

Description: An examination of the underlying theory, concepts and procedures surrounding financial accounting as expressed in the Accounting Principles Board Opinions and the Financial Accounting Standards Board Statements. A review of the accounting cycle establishes the foundation for detailed analysis of the reporting process, namely the preparation of the balance sheet, income statement and the statement of retained earnings. Additional topics covered include accounting for current and non-current assets, and the time value of money and its accounting applications, and accounting changes.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 202 - Intermediate Accounting II

Prerequisites: ACC 201 with a grade of C or better.

Description: Course continuing the exploration of financial accounting theory as expressed by the Accounting Principles Board and Financial Accounting Standards Board through their authoritative pronouncements as they relate to accounting for corporations, current and long-term liabilities, earnings per share, pensions, leases, investments, revenue recognition, income taxes and the statement of cash flows.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 203 - Federal Income Taxes

Prerequisites: ACC 101 with a grade of C or better.

Description: Federal income tax laws and filing requirements as applied to the preparation of individual and sole proprietorship returns including all related schedules. Introduction to tax planning. This course should not be taken by those intending to take the C.P.A. examination. Not offered every semester.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 206 - Payroll Systems and New York State Taxes

Description: A course providing the underlying concepts, theories, and procedures for payroll systems, payroll record keeping, and employers' payroll requirements for filing N.Y.S. and N.Y.C. payroll taxes. N.Y.S. tax law as applied to the preparation of individual, unincorporated and franchise returns. N.Y.S.

sales tax law and preparation of sales tax returns. Tax planning and researching tax problems. Not offered every semester.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

ACC 208 - Cost Accounting

Prerequisites: ACC 101 and ACC 102 with a grade of C or better.

Description: This course examines the uses of accounting information by management in planning and controlling operations, for inventory evaluation and profit determination, and for making both short and long term decisions. A detailed examination is made of job order process and standard cost systems used in recording costs. The various types of quantitative tools used by management in making business decisions are studied. Not offered every semester.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Accounting and Business Admin

Africana Studies

AFR

AFR 100 - African Art and Culture

Description: History of African Art, from antiquity to present, in relation to the cultures which produced the art. Examination of representative African forms. West, East, and Central Africa. Introduction to historic African crafts, costume, and music.

SUNY GEN ED-GART, GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Africana Studies

AFR 110 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with DAN 117) This is the first course in the AFR 110-111 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble Productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Africana Studies

AFR 111 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with DAN 118) This is the second course in the AFR 110-111 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble Productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 112 - A Survey of the Art of African American Dancers and Choreographers

Description: (Dual listed with DAN 125)
An introduction to the contributions of African American creative and performing artists to the development of social and theatrical dance in America. Classroom demonstrations by representative artists and field trips to dance concerts are part of the curriculum.
SUNY GEN ED GHUM, GART; NCC GEN ED-HUM

Credit Hours: 3

Department: *Africana Studies*

AFR 113 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with DAN 217-218)
This is the first course in the AFR 113-114 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble productions.
SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 114 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with DAN 217-218)
This is the second course in the AFR 113-114 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble productions.
SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 130 - African American Literature I

Prerequisites: ENG 101 and 102 or ENG 109

Description: (Dual listed with ENG 207)
This course covers development of African American literature from early slave narratives and folklore following the advent of the trans-Atlantic slave trade through the Revolutionary, pre- and post-Civil War periods, to the major literary flowering of the 1920s Harlem Renaissance. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, PLDI

Credit Hours: 3

Department: *Africana Studies*

AFR 131 - African American Literature II

Prerequisites: AFR 130 or ENG 207 or permission of the Africana Studies Department.

Description: (Dual listed with ENG 208)

Intellectual currents in African American literature, from the period of the 1930s to contemporary themes and representative authors.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, PLDI

Credit Hours: 3

Department: *Africana Studies*

AFR 140 - African American History I

Prerequisites: Completion of RDG 001

Description: (Dual listed with HIS 176)
A survey of the African American experience in the New World, from the advent of the African slave trade to the Civil War and the Reconstruction Era. Emphasis centers on the African background, the cultural heritage of the African Americans, slavery and a legacy of racial discrimination.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: *Africana Studies*

AFR 141 - African American History II

Prerequisites: AFR 140 or permission of Chairperson, completion of RDG 001

Description: (Dual listed with HIS 177)
A survey of the African American experience since the Reconstruction Era to the post-World War II period and the current scene. Emphasis centers on the Civil Rights Movement, the Harlem Renaissance, the Black Revolution and the philosophies of Dr. Martin Luther King, Jr., Malcolm X, Jesse Jackson, Angela Davis, Cynthia Boston, Willie McGee and the "exiled" leaders of the contemporary scene.

SUNY GEN EDGSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: *Africana Studies*

AFR 142 - History of African Civilization

Description: The course concentrates on the traditional African ways of life and the African responses, political and cultural, to the colonial experience.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: *Africana Studies*

AFR 143 - History of Contemporary Africa

Description: (Dual listed with HIS 110)
The study of African independence movements; discussion of the problems of post-independent Africa, such as nation building, strategies of development, education, pan-Africanism; and problems of democracy in southern Africa.

SUNY GEN ED-GOWC, GSBS; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: *Africana Studies*

AFR 150 - African American Choral Ensemble

Description: (Dual listed with MUS 129)
This is the first course in the AFR 150-151 sequence. Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 151 - African American Choral Ensemble

Description: (Dual listed with MUS 130)
This is the second course in the AFR 150-151 sequence. Participation in the production, rehearsal and performance of the African American Choral Ensemble performances. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 152 - Perspective of Jazz

Description: (Dual listed with MUS 130)
This course is designed to explore the inception and evolution of jazz, its styles and influence on other musical types. Included is the heritage of the African American: i.e., spirituals, work songs, blues, with emphasis on characteristics of African music.

SUNY GEN ED-GART, GHUM; NCC GEN ED-PLDI, HUM, WESH

Credit Hours: 3

Department: *Africana Studies*

AFR 153 - African American Choral Ensemble

Description: (Dual listed with MUS 229)
Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: *Africana Studies*

AFR 154 - African American Choral Ensemble

Description: (Dual listed with MUS 229-230)
Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Africana Studies

AFR 155 - African American Music

Description: (Dual listed with MUS 205)

In addition to an evaluation of the basic musical materials of African American music and its effects on other music forms, an historical/philosophical/political analysis and survey are also included.

SUNY GEN ED-GART, GHUM; NCC GEN ED-HUM, PLDI, WESH

Credit Hours: 3

Department: Africana Studies

AFR 170 - Black Social Philosophy

Description: (Dual listed with PHI 108)

An examination of the social philosophy of thinkers such as Du Bois, Garvey, King and Fanon. Particular attention is paid to oppression and the struggle for self-identity. The ideals of freedom, equality, justice and community are carefully considered.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, PLDI

Credit Hours: 3

Department: Africana Studies

AFR 185 - African American Culture

Description: (Dual listed with SOC 214)

A comprehensive survey of the various aspects of the lives, life-styles, values, art forms and social impacts of the African American. The course includes the varying lifestyles at different socioeconomic levels; speech patterns; the role of the church as a religious, historical, political and recreational institution; African American cultural patterns; and the influence of Africa.

SUNY GEN ED-n/a; NCC GEN ED-PLDI, SBS

Credit Hours: 3

Department: Africana Studies

AFR 186 - The African American Family

Prerequisites: SOC 201 or ANT 203, or permission of instructor.

Description: (Dual listed with SOC 219)

Sociological approaches to the African American family. Topics include interactions with public and social institutions, male/female relationships, state of the extended family, identity as a socialization agent, courtship, sex patterns and roles, health and economic issues, alternative life styles, the Black male as an "endangered species," and the effects of public policy on the Black family.

SUNY GEN ED-n/a; NCC GEN ED-PLDI, SBS

Credit Hours: 3

Department: Africana Studies

AFR 190 - Introduction to Black Theatre in America

Description: (Dual listed with THR 102)

An introduction to the literature and artists of the contemporary African American theatre. The course includes representative playwrights, actors and technicians as speakers in the class and field trips to theatre productions. Students have the opportunity to work in at least one production per semester, selected from contemporary African American drama which may, whenever possible, be performed in the community.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Africana Studies

AFR 191 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with THR 117)

Participation in the production, rehearsal and performance of the African American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Africana Studies

AFR 192 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with THR 118)

Participation in the production, rehearsal and performance of the African American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Africana Studies

AFR 193 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with THR 217)

Participation in the production, rehearsal and performance of the African American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Africana Studies

AFR 194 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with THR 218)

Participation in the production, rehearsal and performance of the African American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Africana Studies

AFR 197 - Communications in Black America

Description: (Dual listed with COM 130)

A study of how oral communication functions in various relationships. Emphasis on discussion, group exercises, role playing. The role of oral communication in the Black experience.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Africana Studies

AFR 200 - History of the Black Woman

Prerequisites: Completion of RDG 001

Description: (Dual listed with HIS 178)

A historical examination of the image, role and treatment of the Black Woman in America from the Age of Slavery to the advent of the feminist movement and the contemporary scene. Emphasis centers on the burdens of racism, sexism, single-parent motherhood, welfare, Black female and male relationships, sterilization, the Black family and the issues of Black Women's liberation, women's lib and the ERA amendment.

SUNY GEN ED-GAMH, GSBS; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: Africana Studies

AFR 203 - The Afro-Caribbean World

Prerequisites: AFR 140, HIS 176, HIS 220 or permission of Instructor, completion of RDG 001.

Description: (Dual listed with HIS 221)

A historical presentation of the African experience in the Caribbean nations of Cuba, Bahamas, Haiti, Dominican Republic, Jamaica, Puerto Rico, and the nations of the Lesser Antilles, Trinidad and Tobago. Emphasis centers on the impact and effects of African slavery in the Caribbean, African contributions to the region, its cultural roots in Caribbean society, and the contemporary problems in the Caribbean today.

SUNY GEN ED-GOWC, GSBS; NCC GEN ED-GLNW, WESH, PLDI, SBS

Credit Hours: 3

Department: Africana Studies

Allied Health Sciences

AHS

AHS 100 - CPR and Basic Cardiac Life Support

Description: (Dual listed with PED 640)

This course is designed to teach Cardiopulmonary Resuscitation (CPR) and Basic Life Support to individuals entering the various service professions (police, fire), health professionals and professionals who are activity-oriented (recreation, lifeguard), etc. Basic procedures are covered in full. Successful completion of the course meets all requirements for the American Red Cross and Heart Association "course completion card." It cannot be used to fulfill Physical Education requirement for graduation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Allied Health Sciences

AHS 101 - Introduction to Allied Health Science

Description: An introductory course designed to provide the student with basic knowledge and skills common to a variety of Allied Health Sciences. Medical terminology; the hospital: organization, specialized services and personnel; the nature, cause, diagnosis and treatment of disease; medical-legal considerations; aseptic principles and emergency care.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 102 - Introduction to Physical Therapy

Description: An introductory course designed for students who are planning to become physical therapists. Topics include: the training and role of health care workers in physical therapy, an introduction to physical therapy techniques, and ethical and medical-legal aspect of practice.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 103 - Fundamentals of Pharmacology

Description: The action and usage of commonly used drugs and solutions and the methods by which they are administered. In addition, a general orientation to the mathematics involved in the computation of drug dosages and solution composition.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 104 - Fundamentals of Pharmacology and Therapeutics for Respiratory Care

Prerequisites: AHS 101, AHS 111, AHS 131, AHS 311 and CHE 131.

Description: An introduction to general principles of pharmacology, with an emphasis on agents used in the treatment of diseases of the cardio-respiratory systems. Also treated are principles of patient assessment, aerosol medication delivery systems, hyperinflation therapy, and associated equipment and techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 105 - Integrated Basic Science

Description: An integrated science course focusing on application of scientific principles in paramedical areas. Topics of study include fundamentals of chemistry, anatomy and physiology, and microbiology as they pertain to the clinical field.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 111 - Respiratory Care I Lecture

Corequisites: AHS 101, AHS 131, AHS 311 and CHE 131

Description: An examination of cardiopulmonary anatomy from the perspective of the respiratory therapist. The course begins with an overview of the chemical basis of structure, then concentrates on the structure and function of the cardiopulmonary system. Topics of study include cellular structure of the lung, structure of the conducting and respiratory areas of the lung, and functional anatomy of the cardiovascular system. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 112 - Respiratory Care II Lecture

Prerequisites: AHS 101, AHS 111, AHS 131, AHS 311 and CHE 131

Corequisites: AHS 103, AHS 132, AHS 312 and CHE 132

Description: An examination of the physiology of the cardiopulmonary system from the perspective of the respiratory therapist. Although the course concentrates primarily on the function of the pulmonary system, detailed attention is also given to the functional relationship between the cardiac and pulmonary systems. Topics of study include oxygen and carbon dioxide transport, blood acid-base balance, cellular respiration, pulmonary and systemic circulation, and functional changes to the cardiopulmonary systems caused by other organ systems. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 113 - Respiratory Care III Lecture

Prerequisites: AHS 313

Corequisites: AHS 314 and AHS 413

Description: A study of pulmonary pathology from the perspective of the respiratory therapist. The course covers diseases of the pulmonary system concentrating on such topics as restrictive and obstructive diseases. The student learns disease etiology, epidemiology, physiologic abnormalities, clinical features, and the treatment of each disease. Examples of diseases covered include emphysema, asthma, carcinoma, pneumonia, bronchitis, and edema. (2 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 114 - Respiratory Care IV Lecture

Prerequisites: AHS 113, AHS 314, AHS 413.

Corequisites: AHS 214 and AHS 414

Description: A study of cardiovascular pathology and pathology of related organ systems from the perspective of the respiratory therapist. The course covers diseases of the cardiovascular system but also includes diseases of other related organ systems such as the digestive, nervous, intestinal, endocrine, and renal systems. The student learns disease etiology, epidemiology, physiologic abnormalities, clinical features, and the treatment of each disease. Examples of diseases covered include stroke, encephalopathy, trauma, heart diseases, liver diseases, diabetes, and renal diseases. (2 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 121 - Surgical Technology I

Description: Orientation to hospital organization, administration, and physical structure, with concentration on surgical areas. Interpersonal relationships, stressing patient welfare and the "surgical team" concept. Introduction to medical terminology and microbiology. Emphasis on development of knowledge and skills relating to principles and practices of sterilization, aseptic techniques, surgical instruments and supplies, pneumatic and electrical equipment; electrosurgical, cryosurgical, and laser techniques. Selected laboratory and clinical experience. (4 lecture, 3 laboratory hours) Laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 122 - Surgical Technology II

Prerequisites: AHS 121

Description: Development of knowledge and skills required of a "scrub" assistant, knowledge and understanding of "circulating" duties, procedures of patient preparation, basic operative procedure, reporting and recording operative data, radiological and endoscopic procedures; principles of anesthesia and related safety measures; techniques of catheterization and plaster application. Selected laboratory and clinical experience. (4 lecture, 6 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 6

Department: Allied Health Sciences

AHS 123 - Surgical Technology III

Prerequisites: AHS 122

Description: Orientation to specific surgical specialties including hernia surgery, surgery of the gastrointestinal tract, surgery of the gall bladder, pancreas, liver and spleen and gynecologic and obstetric surgery, with related surgical anatomy pathophysiology and specialty instrumentation. Relevant ethical and legal considerations. Selected clinical experience in the hospital setting includes exposure to Recovery Room and Ambulatory Surgery Units as well as correlated participation as scrub assistant and assisting with circulating duties under supervision. (4 lecture, 12 laboratory hours) Laboratory fee applies.

SSUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8

Department: Allied Health Sciences

AHS 124 - Surgical Technology IV

Prerequisites: AHS 123

Description: General orientation to specific surgical specialties including genitourinary plastic, head and neck, orthopedic, otologic, ophthalmic, neurologic, thoracic, peripheral and cardiovascular surgery, with related surgical anatomy, pathophysiology and special instrumentation. Relevant ethical and legal considerations. Selected clinical experience in the hospital setting includes exposure to the Burn Unit, Central Supply and Delivery Room as well as correlated participation as scrub assistant, and assisting with circulating duties under supervision. (4 lecture, 12 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8

Department: Allied Health Sciences

AHS 131 - Anatomy and Physiology I

Description: The study of cell structure and function, tissue, skeleton, muscular system, nervous system, and special senses. Required of all students in Physical Therapist Assisting, Surgical Technology, Medical Laboratory Technology, Respiratory Care, Nursing, Radiologic Technology and Radiation Therapy. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Allied Health Sciences

AHS 132 - Anatomy and Physiology II

Prerequisites: AHS 131

Description: The study of blood, lymph, reticuloendothelial, cardiovascular, respiratory, digestive, urogenital, and endocrine systems. (Continuation of AHS 131 and required of the same students.) (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Allied Health Sciences

AHS 133 - Radiation Biology

Prerequisites: AHS 131-132

Description: Cell structure and function. Biological effects of radiation on normal and abnormal cells. Differential sensitivity of tissues; acute and late reactions. Clinical application and use of radiosensitizers, chemotherapeutic agents, combined therapies, and hyperthermia.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 134 - Applied Radiation Physics I

Prerequisites: AHS 168

Description: Physical specifications of various treatment units. Beam characteristics, half value layers, radioactive decay. Radiation units of measurement, radioactive half life, and application of radionuclides.

SUNY GEB ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 135 - Applied Radiation Physics II

Prerequisites: AHS 134

Description: Interaction of ionizing radiation with matter. Dose calculations, multiple field techniques and therapeutic use of particulate radiation. Emphasis on principles of treatment planning, comparison of manual and computer treatment plans, fixed field and moving beam techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 151 - Physical Therapist Assistant I

Corequisites: AHS 234

Description: Majors only co-requisite AHS 234. The first of eight sequential courses in the Physical Therapist Assistant Program. The lecture includes an introduction to physical therapy, the Physical Therapy Department and the role of the physical therapist assistant, acute care, and pathology. The laboratory includes vital signs, sterile technique, bandaging and taping, body mechanics, transfers, gait training and activities of daily living (3 lecture, 3 laboratory, 3 practice laboratory hours). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 152 - Physical Therapist Assistant II

Prerequisites: AHS 151, AHS 234.

Description: The lecture includes orthopedic and neurological conditions requiring physical therapy. The laboratory is an introduction to exercise including passive, active assistive, active resistive and progressive resistive range of motion, stretching, goniometry, and exercise equipment. Clinical application of skills occurs in a local facility. (6 lecture hours, 3 laboratory hours, 3 practice laboratory, 3 clinic hours.)

Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 7

Department: Allied Health Sciences

AHS 153 - Physical Therapist Assistant III

Prerequisites: AHS 154

Corequisites: AHS 155

Description: This course includes the physiological basis and application of physical therapy modalities of heat, cold, light, water, mechanics and massage. Physical therapy treatments for patients with cardio-respiratory and integumentary impairments are included. (3 lecture, 3 laboratory, 3 practice laboratory hours.) Laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 154 - Physical Therapist Assistant IV

Prerequisites: AHS 152

Description: The lecture includes principles and uses of medical physics, modalities of electricity along with physiological principles,

indications, contraindications and precautions. The laboratory consists of the proficient application of these modalities used to alleviate pain, swelling and weakness. (8 lecture, 4 laboratory, 4 practice laboratory hours.) Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 155 - Physical Therapist Assistant V

Prerequisites: AHS 154

Corequisites: AHS 153

Description: The lecture includes current issues and practices in physical therapy. The laboratory involves regionally designed exercises and advanced therapeutic exercise techniques for a variety of patients. One day per week is spent in the clinic. (3 lecture, 3 laboratory, 3 practice laboratory, 8 clinic hours.) Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 156 - Physical Therapist Assistant VI

Prerequisites: AHS 155

Description: Topics include physical treatment for pediatrics, the neurologically impaired adult and patients with amputations. (8 lecture, 6 laboratory, 6 practice laboratory hours.) Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 157 - Clinical Affiliation I

Prerequisites: AHS 156 with concurrency

Description: Full-time clinical practice as a physical therapist assistant student in physical therapy settings is required including: sports medicine facilities, outpatient clinics, schools, rehabilitation centers, nursing homes, hospitals, home care, athletic teams and other health service agencies. (40 hours per week/6 weeks.) Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 158 - Clinical Affiliation II

Prerequisites: AHS 156 with concurrency.

Description: Full-time clinical practice as a physical therapist assistant student in two separate physical therapy settings is required including: sports medicine facilities, outpatient clinics, schools, rehabilitation centers, nursing homes, hospitals, home care, athletic teams

and other health service agencies. (Summer only/40 hours per week/6 weeks.) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 168 - Introduction to Treatment Planning

Prerequisites: AHS 261

Description: Fundamental principles of treatment planning, dosimetry and calculations. Concepts of radiation protection including ALARA are discussed.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 180 - Treatment Technique

Description: Specific techniques for delivering care to radiation therapy patients, including shielding and immobilizing devices.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Allied Health Sciences

AHS 181 - Radiology and Topographic Anatomy

Prerequisites: AHS 180

Corequisites: AHS 261

Description: Identification of structures on radiographs as related to Topographical landmarks used in determining treatment ports in Radiation Therapy.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Allied Health Sciences

AHS 182 - Quality Assurance

Description: Quality assurance as it applies to Radiation Therapy. Chart maintenance, identification of machine malfunction, and image quality will be discussed.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Allied Health Sciences

AHS 201 - Clinical Hematology

Corequisites: AHS 131 and CHE 131 or CHE 151.

Description: The study encompasses both normal and abnormal morphology and physiology of those cells and structures normally found in human blood. Relationships are drawn from hematologic manifestations occurring from other than pure hematological diseases and clinical findings are accentuated, being mutually or reciprocally related to true hematological disorders. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 202 - Medical Microbiology

Prerequisites: AHS 131-132 recommended.

Description: The student is given a medical view of microorganisms: their morphology and physiology. Pathogenic microorganisms, including etiology and pathology, are examined in detail as applicable to the hospital environment. The study of aseptic and antiseptic techniques involving patients, equipment and clinical areas enumerated. Practicum in obtaining pure cultures and identifying these cultures included. (3 lecture, 3 laboratory hours) Laboratory fee applies.
SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 203 - Clinical Pathology

Description: This course is designed to expose students to principles of pathologic processes and disorders. Theoretical considerations will provide the necessary background to understand disease and will facilitate the application of diagnostic modalities and therapeutic interventions.

Credit Hours: 3

Department: Allied Health Sciences

AHS 205 - Immunohematology

Prerequisites: AHS 131, AHS 201 and CHE 131 or CHE 151

Description: Provides student of Medical Technology with the theory and practice of blood transfusion and immunohematology. Modern, routine blood banking techniques are emphasized, especially in the laboratory portion of the course. Detailed discussion of related aspects of blood collection, component preparation, storage, preservation, and testing for compatibility between donor and recipient as well as hazards of transfusion are presented. (3 lecture, 3 laboratory hours). Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 206 - Clinical Immunology

Prerequisites: AHS 201, AHS 202, AHS 203, AHS 205 and all prior Med. Tech. requirements.

Corequisites: AHS 207 and CHE 221.

Description: Basic Immunologic mechanisms: Antigen structure and antigenicity; antibody structure; antigen-antibody interaction: T-cell and B-cell interactions, including

thymus-dependent and thymus-independent antigens; antibody production, including DNA and looping-out excision; complement; cytokines; theory of immunologic and serologic procedures and the immunologic manifestations of disease. The student will acquire the fundamental information necessary to function as a technician in a medical laboratory and/or engage in studies at the technologist level.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 207 - Clinical Internship I

Description: Clinical internship is offered during the spring term and is only for those laboratory technician students who are matriculated and entering the final phase of their studies. Completion of all AHS science prerequisites with a minimum grade of C is required prior to registration for AHS 207. Students are assigned to hospital or private laboratories in Nassau County and surrounding areas. Here, under Departmental supervision, students further their clinical training in selected phases of laboratory work. Lab fee applies.

Credit Hours: 3

Department: Allied Health Sciences

AHS 209 - Clinical Applications of Medical Lab Science

Prerequisites: AHS 131, 132, 201, 202, 203 and 205.

Corequisites: AHS 206, 210 and CHE 221.

Description: Restricted to Medical Laboratory Technology Students Only. This course includes instruction and practice in various areas of the clinical laboratory. It provides a comprehensive study of hemostasis (the mechanisms of hemostasis, fibrinolysis and hemostatic control) and urinalysis (the principles of physical, chemical and microscopic fluid analyses). Fundamentals of phlebotomy are also introduced. Students practice routine diagnostic methods in these laboratory disciplines with emphasis on principles, sources of error, interpretation, and clinical correlation of results.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 210 - Clinical Internship I

Prerequisites: AHS 131, 132, 201, 202, 203 and 205.

Corequisites: AHS 206, 210 and CHE 221.

Description: Clinical Internship is offered during the spring term and is only for those laboratory technician students who are

matriculated and entering the final phase of their studies. Completion of all AHS science prerequisites with a minimum grade of C is required prior to registration for AHS 210. Students are assigned to hospital or private laboratories in Nassau County and surrounding areas. Here under Departmental supervision, students further their clinical training in selected phases of laboratory work. Through participation and practice they refine technical skills and didactic principles as they relate to the laboratory workplace. ,

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 211 - Clinical Internship II

Prerequisites: AHS 209 and AHS 210.

Description: This course is open to only those senior MLT students who have successfully completed AHS 207. Duration 15 weeks. Students assigned to area hospitals or laboratories will complete the balance of their clinical training.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 212 - Respiratory Care Clinical I

Prerequisites: AHS 103, AHS 112, AHS 132, AHS 313 and CHE 134.

Description: Comprehensive clinical practicum at an affiliating hospital. The student will practice clinically the procedures learned during AHS 311 and 313 (40 hours per week for 5 weeks). Registration is limited to students enrolled in the Respiratory Therapy program. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 214 - Respiratory Care Clinical IV

Prerequisites: AHS 113, AHS 314 and AHS 413.

Corequisites: AHS 114.

Description: Continuation of hospital clinical practice in AHS 111 through 114. Students are exposed to clinical situations related to their previous training. They administer therapy and perform other departmental functions under supervision. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 225 - Medical Concepts & Techniques

Description: The lecture includes the Medical Assistant's role in caring for patients.

Discussion of functional anatomy, common disorders and diagnostic studies as they pertain to clinical medical assisting practice. Emphasis in laboratory will be on aseptic technique and standard precautions to prevent the spread of disease, diagnostic tests and common laboratory procedures. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 234 - Kinesiology

Description: Analysis of human motion based on anatomic, physiologic and mechanical principles. The study of typical and atypical movement patterns and manual muscle testing are included. (3 lecture, 3 laboratory, 3 practice laboratory hours). Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Allied Health Sciences

AHS 240 - Radiologic Technology I Lecture

Prerequisites: ENG 101 and MAT Elective.

Corequisites: AHS 101, AHS 131 and AHS 241.

Description: A four week orientation lecture unit to prepare students for clinical education followed by lectures in applied physics, radiation safety, and radiographic technique. Upon successful completion of orientation unit, students will begin clinical education at an affiliating hospital. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 241 - Radiologic Technology I Laboratory/ Clinic

Prerequisites: ENG 101 and MAT Elective.

Corequisites: AHS 101, AHS 131 and AHS 240.

Description: A four-week laboratory orientation unit to prepare students for clinical education followed by instruction and practice in an energized x-ray laboratory to include selected routine and special radiographic examinations of the appendicular and axial skeleton using phantoms. Upon successful completion of the orientation unit, students will begin supervised clinical education at an affiliating hospital two days a week. (3 laboratory hours, 16 clinical hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 242 - Radiologic Technology II Lecture

Prerequisites: AHS 101, AHS 131 and AHS 241.

Corequisites: AHS 132 and AHS 243.

Description: Lectures in radiographic quality, special radiographic techniques, electricity and x-ray circuitry. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 243 - Radiologic Technology II Laboratory/ Clinic

Prerequisites: AHS 101, AHS 131, AHS 241 and AHS 242.

Corequisites: AHS 132 and AHS 242.

Description: Instruction and practice in an energized x-ray laboratory to include selected routine and special radiographic examinations of axial skeleton using phantoms. Supervised clinical instruction and practice in an energized x-ray laboratory to include selected routine and special radiographic examinations of axial skeleton using phantoms. Supervised clinical education at an affiliating hospital two days a week. (3 laboratory hours, 16 clinical hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 244 - Radiologic Technology III Summer Clinical

Prerequisites: AHS 240, 241, 242 and 243.

Description: Supervised clinical education at an affiliating hospital five days a week from June to August. (40 clinical hours per week). Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 245 - Radiologic Technology IV Lecture

Prerequisites: AHS 244.

Corequisites: AHS 246.

Description: Lectures in radiation physics, radiobiology and radiation protection. (3 lecture hours).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 246 - Radiologic Technology IV Laboratory/ Clinic

Prerequisites: AHS 244.

Corequisites: AHS 245.

Description: Introduction & practice in an energized x-ray laboratory to include common procedures using contrast media. Supervised clinical education at an affiliating hospital three days a week. (3 laboratory hours, 24 clinical hours). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 6

Department: Allied Health Sciences

AHS 247 - Radiologic Technology V Lecture

Prerequisites: AHS 245 and AHS 246.

Corequisites: AHS 248.

Description: Lectures in medical and surgical diseases and an introduction to other imaging modalities including CT scanning. (3 lecture hours). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 248 - Radiologic Technology V Laboratory/ Clinic

Prerequisites: AHS 245 and AHS 246.

Corequisites: AHS 247.

Description: Instruction and practice in an energized x-ray laboratory to include specialized views of the skull, selected special procedures, pediatric examinations, mammography and the essentials of a quality control program; supervised clinical education at an affiliating hospital three days a week. (3 laboratory hours, 24 clinical hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 6

Department: Allied Health Sciences

AHS 249 - Radiologic Technology VI Summer Clinical

Prerequisites: AHS 245, 246, 247 and 248

Description: Five days a week, from June to August. Supervised clinical education at an affiliating hospital. (40 clinical hours per week). Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 261 - Radiation Therapy Lecture I

Description: Lectures on the rationale of using radiation therapy as a major modality in the treatment of cancer. Emphasis on the principles governing radiosensitivity and normal tissue tolerance. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 262 - Radiation Therapy Clinic I

Corequisites: AHS 261.

Description: Introduction to clinical education in radiation therapy technology. Experience is obtained at one of several area hospitals, utilizing a variety of therapy equipment. (16 laboratory hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 263 - Radiation Therapy Lecture II

Prerequisites: AHS 261 and AHS 262.

Corequisites: AHS 264.

Description: Lectures on the operating principles of various types of therapy equipment; the rationale for delivering treatments on particular units; introduction to pathology. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 264 - Radiation Therapy Clinic II

Prerequisites: AHS 261 and AHS 262.

Corequisites: AHS 263

Description: Clinical education in Radiation Therapy Technology. Experience is obtained at one of several area hospitals, utilizing a variety of therapy equipment. (16 laboratory hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 265 - Radiation Therapy Clinic III

Prerequisites: AHS 263 and AHS 264.

Description: Clinical education at assigned affiliating hospitals. (40 laboratory hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 266 - Radiation Therapy Lecture III

Prerequisites: AHS 131-132 and AHS 263.

Corequisites: AHS 267

Description: Methods of treating cancers with radiation therapy based on anatomic site, histologic grade and normal tissue tolerance. Discussion of borders of treatment fields, dose and treatment. Emphasis on cancers of skin, head and neck, digestive and respiratory systems. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 267 - Radiation Therapy Clinic IV

Prerequisites: AHS 265.

Corequisites: AHS 266.

Description: Clinical education in Radiation Therapy Technology. Experience is obtained at one of several area hospitals, utilizing a variety of therapy equipment. (24 laboratory hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 268 - Radiation Therapy Lecture IV

Prerequisites: AHS 266.

Corequisites: AHS 269.

Description: Methods of treating cancers with Radiation Therapy based on anatomic site, histologic grade and normal tissue tolerance. Discussion of borders of treatment fields, dose and fractionation and reaction to treatment. Emphasis of cancers of central nervous system, breast, genitourinary system, and blood forming organs. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 269 - Radiation Therapy Clinic V

Prerequisites: AHS 267.

Corequisites: AHS 268

Description: Clinical education in Radiation Therapy Technology. Experience is obtained at one of several area hospitals, utilizing a variety of therapy equipment. (24 laboratory hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 270 - Radiation Therapy Clinic VI

Prerequisites: AHS 269.

Description: Clinic VI. Clinical education in Radiation Therapy Technology. Experience is obtained at one of several area hospitals. (40 laboratory hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Allied Health Sciences

AHS 311 - Respiratory Care I Laboratory

Prerequisites: MAT as advised.

Corequisites: AHS 101, AHS 111, AHS 131 and CHE 131.

Description: Introduction to respiratory care as a paramedical science. History and development of respiratory care. Scientific measurement, physics and chemistry as pertinent to respiratory mechanics and physiology. The use of medical gases,

aerosols, and instrumentation as preparation for an understanding and implementation of therapy rationale. Laboratory practice with respiratory care apparatus. This course includes introductory clinical exposure at local affiliating hospitals. (9 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 312 - Respiratory Care II Laboratory

Prerequisites: AHS 101, AHS 111, AHS 131, AHS 311 and CHE 131.

Corequisites: AHS 103, AHS 112, AHS 132 and CHE 132.

Description: Introduction to mechanical ventilator therapy. Comprehensive study of all aspects involving the indication for, implementation of, and the physiological effects of mechanical ventilation. Laboratory practice emphasizing the set up and operation of current examples of adult hospital mechanical ventilators. This course includes introductory clinical exposure at local affiliating hospitals. (9 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 313 - Respiratory Care III Laboratory

Prerequisites: AHS 112, AHS 132, AHS 312 and CHE 132.

Description: The study of mechanical and artificial airway devices, diagnostic pulmonary function testing and mechanical ventilation. Laboratory practice using artificial airways, pulmonary function measuring instruments, and neonatal respiratory care equipment. (6 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 314 - Respiratory Care IV Laboratory

Prerequisites: AHS 113 and AHS 313.

Corequisites: AHS 113 and AHS 413.

Description: The comprehensive study of pediatric and neonatal respiratory care, chest physical therapy, cardiopulmonary rehabilitation, monitoring techniques of the critically ill patient, and problem solving techniques. Laboratory practice using pediatric respiratory care equipment, chest physical therapy techniques on fellow students, cardiopulmonary rehabilitation equipment,

patient monitoring instruments, and role playing in problem solving situations. (8 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

AHS 413 - Respiratory Care III Clinical II

Prerequisites: AHS 313.

Corequisites: AHS 113 and AHS 314.

Description: Comprehensive clinical experiences in three separate clinical assignments:

1. Intensive Care Unit
2. Patient Evaluation & Nursing Arts (Hospitalized floors)
3. Operating Room.

This course is an 'off campus' course and will afford the student respiratory therapist an opportunity within the hospital to apply and develop proficiencies in the technical knowledge obtained during the first three semesters of 'on campus' study. Under supervision of College faculty, the student will apply to the patient such therapeutics as medical gas therapy, mechanical ventilation, artificial airways, and airway care. (6 clinical hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Allied Health Sciences

AHS 414 - Respiratory Care IV Clinical

Prerequisites: AHS 113, AHS 313, AHS 314 and AHS 413.

Description: Comprehensive clinical experiences in four separate clinical assignments:

1. Intensive Care Unit
2. Advanced Diagnostic Studies
3. Neonatal and Pediatric Intensive Care Unit
4. Chest Physical Therapy and Rehabilitation

This course is an "off campus" course and will afford the student respiratory therapist an opportunity, within the hospital, to apply and develop proficiencies in the technical knowledge obtained during the first four semesters of "on campus" study. Under supervision of College faculty, the student will apply to the patient more intensive therapeutic measures involving medical gas therapy, mechanical ventilation, artificial airways, and airway care. Additionally, many of the before mentioned therapeutics will be applied to infants and children. (12 clinical hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Allied Health Sciences

Anthropology

ANT

ANT 203 - General Anthropology

Description: The major problems, methods and findings of physical and cultural anthropology. Topics include: primate field studies, human origins, evolutionary processes, human variation, development of culture among early humans, interaction of nature, culture and society.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Sociology

ANT 204 - Cultural Anthropology

Description: Explores cultures holistically in preindustrial and non-Western and Western societies. Topics include: ecology and environment, economic organization, kinship and marriage patterns, political organization, social structure, religious organization, rituals, ideas, values and world view. Other topics are culture contact, technological development, and culture change.

SUNY GEN ED-GSBS; NCC GEN ED-GLNW, SBS, PLDI

Credit Hours: 3

Department: Sociology

ANT 205 - Women and Men in Cross-Cultural Perspective

Prerequisites: SOC 201 or ANT 203 or permission of instructor.

Description: This course uses anthropological studies to understand women and men in different cultures around the world. Gender differences are explored from a cross-cultural perspective in relation to such topics as: kinship, work, power relations, religious beliefs, sexuality, life cycle, roles and status.

SUNY GEN ED-GSBS; NCC GEN ED-GLNW, PLDI, SBS

Credit Hours: 3

Department: Sociology

Arabic

ARA

ARA 101 - Beginning Arabic I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of Arabic

speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ARA 102 - Beginning Arabic II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002, ARA 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Art

ART

ART 100 - Introduction to Visual Arts

Prerequisites: (Non-majors only) Completion of remedial courses in English and Reading.

Description: An introduction to the development of the visual arts emphasizing perception and understanding of painting, sculpture, architecture and design, as well as their relationship to the creative process. This is primarily a lecture course.

SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM, WESH

Credit Hours: 3

Department: Art

ART 102 - Art History (Renaissance)

Prerequisites: Completion of remedial courses in English and Reading.

Description: Architecture, sculpture and painting in Western Europe from 1300 to 1600. An examination of the styles of the Renaissance and Mannerism in Northern and Southern Europe.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 103 - Art History (Baroque through Realism)

Prerequisites: Completion of remedial courses in English and Reading.

Description: Architecture, sculpture and painting in Europe and the Americas from the 17th century through the mid 19th century.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 104 - Art History (Contemporary)

Prerequisites: Completion of remedial courses in English and Reading.

Description: Art from 1940 to the present, with special attention given to European and American art. A study of the contributions of individual artists and movements, with an examination of the development of new approaches to form and the creative experience.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 105 - Principles of 2-Dimensional Design

Description: Required of art majors.

A foundation course in design on a 2-dimensional surface. This course explores the elements of line, shape, value, color, and texture and principles of design and its relationship to composition. Subject and content are components of study as well.

Students are introduced to a conceptual and visual vocabulary as art applies to the visual arts. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 106 - Principles of 3-Dimensional Design

Description: Required of art majors. A foundation course in design in 3-dimensional space. This course explores the elements of line, form, value, color and texture and their application to fine and applied art. This involves 3-dimensional constructions in such materials as board, plaster, clay, plastics, etc. Average cost for supplies: \$100. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 107 - Prepress for Commercial Artists

Prerequisites: Art 133

Description: This course introduces the student to the preparation of computer graphics for commercial printing and production. The basics of the prepress including trapping, impositions, halftones, process and spot colors, paper, and proofs using industry standard

applications will be explored. Average cost of supplies: \$50. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 108 - Advertising Art

Description: Students are guided through the process of art direction as it applies to the creation of promotional and advertising material. Creative problem solving through the visualization of ideas is applied throughout the various stages of development of thumbnail sketches, roughs, comprehensives and storyboards. Layouts, typography, and illustration are stressed. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 109 - Printmaking I

Description: This mixed-media course introduces the student to the basic fundamentals and concepts of non-toxic printmaking: the development of an image on a particular surface, the transfer of the image to paper, edition printing, and presentation. Media may include photo and digital transfer, relief prints, silkscreen, intaglio, and monoprints. Emphasis is placed on the student's exploration of this creative process to produce and develop exciting prints. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 110 - Printmaking II

Prerequisites: ART 109 or permission of Chairperson.

Description: This course offers an opportunity for the advanced study of non-toxic printmaking as explored through traditional and experimental methods in Printmaking I. Students will develop independent projects and experiment with methods and materials. By creating personal projects that reflect printmaking's versatility in creating a new form of expression, the student may concentrate more fully on a strong portfolio. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 111 - Drawing I

Description: A basic course that explores the fundamentals of drawing through the development of both technical skills and concepts. The student's understanding of composition through the study of line, value and perspective will develop through direct visual observation and the education of the artist's eye. Students will be encouraged to work with conventional and non-traditional materials and methods. Average cost of supplies: \$75. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 112 - Drawing II

Prerequisites: ART 111 or permission of Chairperson.

Description: This course is designed to further explore the creative process of drawing. Students are encouraged to master advanced skills and search for their own individual focus of expression. Each student will be exposed to new approaches, methods and materials to further enhance his or her drawing experience and art portfolio. Average cost of supplies: \$85. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 113 - Package Design

Prerequisites: ART 137 or permission of Chairperson.

Description: Analysis of container design, involving internal surface graphics, for design students who wish to explore functional containers, from egg cartons to compact discs to the box car and paper bag. Emphasis is placed upon functional design and structure. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 114 - Typography for Graphic Design

Description: Students are taught to create designs using visual symbols and type to communicate ideas. This course covers designing letterforms, logos, trademarks, stationery, corporate branding and preparing art for presentation, including the use of various digital scanning and printing devices. Average cost of supplies: \$100. Laboratory fee applies.

Credit Hours: 3

Department: Art

ART 115 - Painting I

Description: An introduction to the techniques, mechanics and composition of painting via personal expression. Average cost of supplies: \$200. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 116 - Painting II

Prerequisites: ART 115 or permission of Chairperson.

Description: With the skills and understanding of basic painting, Painting II expands material usage and gives further focus on creativity and personal self-expression. Average cost of supplies: \$200. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 117 - Illustration

Prerequisites: ART 111 or permission of Chairperson.

Description: Communicating ideas with focus and clarity through the use of visual materials. Techniques and materials are introduced to give impact to ideas and professional portfolio quality work. Average cost of supplies: \$140. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 118 - Figure Drawing I

Prerequisites: ART 111 or permission of Chairperson.

Description: An extensive study of the human figure, its proportions and constructions, as a subject for artistic and personal expression. Average cost of supplies: \$65. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 119 - Anatomy and Figure Drawing II

Prerequisites: ART 118 or permission of Chairperson.

Description: A continuation of the study of the figure as the subject for artistic expression. Emphasis is on acquiring a sensitivity to subtle anatomical definition. More extensive technical skills are needed for this definition. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 122 - Ceramics I

Description: Tools and techniques of hand-building and potter's wheel are used to form pottery and related sculptural construction in clay. Students learn a variety of decorative and glazing techniques and an understanding of the processes related to the firing of clay into ceramic. Average cost of supplies: \$125. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Art

ART 123 - Sculpture I

Description: Designing and construction of sculptures from clay, plaster, wood and metal is a means to symbolic expression. The format of lecture/demonstration, planning, building of the sculpture, individual and group critiques, gallery/museum visits assist students in understanding the role of the artist and the creative process. Average cost of supplies: \$125. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 124 - History of Photography

Prerequisites: Completion of remedial courses in English and Reading.

Description: A survey course in the history of photography, emphasizing aesthetics, socio-cultural history, and technical advances in the field. Major photographers and trends will be analyzed.

SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 129 - Gallery Survey

Description: This course introduces students to the diversified operation of today's art gallery/museum. Regular visits to galleries/museums are required. This course also provides insight into exhibition preparation and installation including behind-the-scenes investigation into planning, art conversation, education goals, curatorial responsibilities, and funding. Students are responsible for transportation and admission fees.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Art

ART 130 - Graphic Design I

Description: Hands-on experience with industry standard software used to create commercial and fine art images. Topics include basic design principles, grid structure and typography used in the development of charts, trademark design, landscapes, interiors, portraits, scanning images, and print design. Average cost of supplies: \$55. Laboratory fee applies.

Credit Hours: 3

Department: Art

ART 131 - Digital Imaging

Prerequisites: ART 130 or permission of Chairperson.

Description: Hands-on course in Adobe Photoshop, the most widely used application in digital imaging and photography. Topics include: image creation and scanning, painting, editing and retouching, image manipulation and resizing, color correction, conversions, layers, filters and image output. Cost of supplies: \$100. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 133 - Graphic Design III

Prerequisites: ART 131 and ART 140

Description: Hands-on experience with desktop publishing and computer hardware and software used to create professionally designed publications. Topics include word processing, page layout, creating and scanning images, typography, and print production. Average cost of supplies: \$55. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Art

ART 135 - Design Fundamentals

Description: To interpret fashion design using art based fundamentals, such as the importance of color, anatomy, fabric rendering, fashion model proportions and movement. Assignments and learning experiences to reinforce each area. The student will discover, through exploration of fashion assignments, how to evaluate design details and proportions for Women's apparel markets. Technical flats and their importance to the process will be covered. Average cost of supplies: \$75. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 136 - Fashion Art Techniques I

Prerequisites: ART 135 or permission of Chairperson.

Description: This course is designed to further interpret the creative process of Fashion Design. Students are encouraged to master advanced skills and search for their own individual focus of expression. Each student will be exposed to new approaches, methods and materials to further enhance his or her design experience and Fashion Design portfolio. Menswear and Children's wear will be explored as well as the the Women's wear markets. Average cost of supplies: \$75. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 137 - Computer Illustration

Prerequisites: ART 130.

Description: Adobe Illustrator on the Macintosh is used as a tool for creative expression in the use of illustration techniques to communicate ideas. Technical requirements for printing are also emphasized. Average cost of supplies: \$30. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 138 - 3D Modeling

Prerequisites: ART 130 and ART 131.

Description: Hands-on course in creating and composing complete 3D computer generated imagery (CGI). Topics include: NURBS (non-uniform rational B-spline) and polygonal modeling, texturing, lighting, camera positioning and rendering. Average cost of supplies: \$100. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 139 - Web Animation and Interactivity

Prerequisites: ART 131 and ART 137.

Description: Advanced animation techniques for web-oriented interactive design using popular vector-based multimedia authoring software in concert with a variety of computer-generated imagery (CGI) and design applications. Students will learn skills required for creating a complete animated and interactive web site in a single software environment. Average cost of supplies: \$200. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 140 - Graphic Design II

Prerequisites: ART 130 or Permission of Chairperson

Corequisites: ART 105 Pre or Co-requisite.

Description: Using computers as tools for research and composition, students will survey the global history of visual communications as well as the ways visual elements are used to construct and convey meaning. Historical, cultural, social and technological developments and their impact on the field of graphic design will be studied. An interactive environment for the study of the development and the practical applications of visual imagery will be promoted. Cost of supplies: \$50. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Art

ART 142 - Art Internship

Prerequisites: Permission of the instructor and a minimum of 9 art credits.

Description: Supervised placement of the student in an artist's studio, gallery position or other setting appropriate to student's area of art study, to enable the student to gain work experience that enriches the theoretical concepts developed in the classroom. Students may incur additional travel expense. This course may be taken for credit only once. Open to Art majors only.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 145 - Raku and Pit-Firing

Prerequisites: ART 122 or ART 147.

Description: This ceramics course will introduce the student to basic hand building and Raku and Pit-Firing of ceramic pieces that are formed in class. The student will participate in the rapid-fire technique, the quick cool down and the reduction of their pieces. Also explored in this course will be various methods of creating decorative surfaces. Average cost of supplies: \$125. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 147 - Potter's Wheel

Description: The potter's wheel will be the tool we will be using to make our projects. We will explore various expressive, tactile and intellectual possibilities that are available through the use of this medium. Also explored: a variety of glazing techniques and processes

related to firing of clay. Historical references will contribute to students' development of critical thinking skills and creative problem solving. Average cost of supplies: \$125. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 159 - Photography I

Description: A basic foundation in the techniques and aesthetics of photography with emphasis on the camera, digital darkroom and portfolio preparation. A dSLR (digital) camera capable of manual operation to be provided by the student. Average cost of supplies: \$225 (does not include dSLR camera). Laboratory fee applies. Students who have completed ART 125 will not receive credit for ART 159.

Credit Hours: 3

Department: Art

ART 160 - Black and White Darkroom

Description: A traditional black and white photography course utilizing film cameras and traditional darkroom techniques. Emphasis is on creativity, aesthetic considerations and the development of a personal photographic vision through class assignments, individual photographic projects, and portfolio development. Students to provide a 35-mm manually operated camera. Average cost of supplies: \$275. Laboratory fee applies. Students who have completed ART 225 will not receive credit for ART 160.

Credit Hours: 3

Department: Art

ART 201 - Survey of Art History I

Prerequisites: Completion of remedial courses of English and Reading.

Description: The development of architecture, painting and sculpture from their origins in Prehistory through the cultures of Ancient Egypt, the Middle East, Greece, Rome, and in Western Europe, from the time of Constantine to the end of the Middle Ages.

SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 202 - Survey of Art History II

Prerequisites: Completion of remedial courses in English and Reading.

Description: The development of painting, sculpture, and architecture from the Renaissance to the twentieth century. This course explores the history of Western art from both contextual and formal art historical perspectives.

SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Art

ART 203 - Art Beyond the West

Prerequisites: Completion of remedial English and Reading is required.

Description: This course is a survey of selected historical topics drawn from the following non-western cultures: India, China, Southeast Asia, Japan, Oceania, Africa, Pre-Columbian Americas. Representative works of painting, sculpture, crafts, and architecture from selected cultures will be examined in the context of the religious, social, economic, and/or political forces that shaped them.

SUNY GEN ED-n/a; NCC GEN ED-HUM, GLNW

Credit Hours: 3

Department: Art

ART 222 - Ceramics II

Prerequisites: ART 122 or ART 147.

Description: Build upon prior hand building and/or potter's wheel techniques as a means to creating pottery or related sculptural constructions in clay. Glaze formulation and experience with operation of gas and electric kilns. Average cost of supplies: \$125. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Art

ART 223 - Sculpture II

Prerequisites: ART 123 or permission of Chairperson.

Description: Students build on skills, techniques and knowledge acquired in Sculpture I. They are encouraged to develop individual ideas into sculptural compositions and acquire related skills to verbally assess both the emerging work and the completed sculpture. Average cost of supplies: \$125. Laboratory fee applies.

SUNY GEN EDE-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 226 - Experimental Photography

Prerequisites: ART 159 and ART 160.

Corequisites: ART 131 Pre or co-requisite.

Description: Advanced photographic and darkroom techniques and manipulative effects including black and white, color and digital photographic processes. Emphasis will be on creative expression and interpretation of

ideas through alternative and experimental techniques. Students to provide their own cameras. Average cost of supplies: \$225. Laboratory fee applies.
SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 227 - Studio Photography

Prerequisites: ART 159.

Corequisites: ART 131 and ART 160 Pre or co-requisite.

Description: This course encompasses all aspects of studio photography, including various camera formats (both film and digital) and backgrounds and lighting techniques for portraiture and still life photography. Students have the opportunity to work with professional equipment including electronic flash, quartz and tungsten light sources. All camera formats may be used, from 35 mm to 4x5, as well as black-and-white, color and digital materials. Average cost of supplies: \$225. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 228 - Photojournalism

Prerequisites: ART 159.

Corequisites: ART 131 and ART 160 pre or co-requisites .

Description: This course emphasizes actual experience with photojournalistic methods, both film and digital, color and black and white. Assignments include the production of photojournalistic images and documentary photography projects. Included is an overview of the techniques and styles, history, law and ethics of the practice and application of photojournalism. Average cost of supplies: \$225. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 229 - View Camera

Prerequisites: ART 131 and ART 159 and ART 160.

Description: A course in large-format photography; 4x5 view camera work includes the study of basic camera movements, exposure, sheet film processing, and printing. Study of the Zone System for total image control. View cameras will be provided for student use. Average cost: \$225. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 230 - Color Photography

Prerequisites: ART 159.

Corequisites: ART 131 and ART 160 Pre and co-requisites.

Description: This course includes an introduction to film and digital based photographic imagery that utilizes applications of color as an aesthetic and thematic consideration. A variety of materials, applications, and current trends is explored.

Average cost of supplies: \$225. Laboratory fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 231 - New Technology in Photography

Prerequisites: ART 131 and ART 159.

Corequisites: ART 160 Pre or co-requisite.

Description: This intermediate level course will provide students with the necessary foundation in digital output technologies. Emphasis will be placed on critical thinking skills and project development as they are informed by advancements and techniques in photographic imaging. Topics center on image editing software, color management, profile creation and workflow techniques as they relate to specific output processes. Average cost of materials: \$300. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Art

ART 235 - Fashion Art Techniques II

Prerequisites: ART 135 and ART 136.

Corequisites: FSD 103 and FSD 111.

Description: Students design collections by exploring the roles of research, design development, and editing in the fashion design process. Emphasis is placed on the knowledge of key fashion categories, markets and price points. This course also introduces the basics of computer-aided design specifically used in the fashion industry. Using vector based software, students learn techniques to conceptualize fashion designs and create industry-standard presentations. Average cost of supplies: \$75. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Art

ART 236 - Fashion Art Techniques III

Prerequisites: ART 135, ART 136 and ART 235.

Corequisites: FSD 104.

Description: To develop an awareness of broad-based market demands. To develop an awareness of market timing (seasonal and campaigns). To develop an awareness of marketable presentations. To appreciate the relationship of theme, fabrics, price range, and colors in the preparation of a portfolio. Average cost of supplies: \$75. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Art

ART 237 - Digital Video and Special Effects

Prerequisites: ART 130 and ART 131.

Description: Hands on course in digital video and special effects using live video footage and computer-generated imagery (CGI). Topics include: digitizing video, editing, creating titles, compositing and visual effects. Traditional concepts such as storyboarding, lighting and camera work will also be covered. Students will create finished commercial or creative video shorts and learn how to present these on the World Wide Web or DVD. Average cost of supplies: \$100. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 238 - 3D Animation

Prerequisites: Minimum grade of "C" in ART 138.

Description: Hands-on course in 3D computer Animation. Topics include: animated logos, motion paths, camera movement, particle systems, simulated physics and character rigging. Students will learn about scripting, storyboarding, recording animations and integrating computer-generated imagery (CGI) with other applications. Average cost of supplies: \$200. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 239 - Web Design I

Prerequisites: ART 130, ART 131, ART 137 and ART 140 or Permission of Chairperson.

Description: This course will investigate the application of interactive design, composition and narrative for the purpose of creating websites. Students will conceptualize and produce web pages using popular web

authoring software. Emphasis will be on the integration of various visual and narrative elements into a rich user experience. Average cost of supplies: \$200. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 240 - Portfolio Workshop

Prerequisites: ART 133 and ART 239 or Permission of the Instructor, for Art Majors Only. Must be taken in the last semester.

Description: Research, creation and completion of a professionally relevant major project in a chosen medium (print portfolio, computer animation or an interactive multimedia program). Average cost of supplies: \$200. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

ART 249 - Web Design II

Prerequisites: ART 239.

Description: This course will focus on creativity in digital and multimedia art using advanced techniques and authoring tools to create professional animations, websites, and games. There will be a strong emphasis on typography, graphics, animation, special effects, sound and video to create dynamic and user-friendly interface design for a large target audience. Average cost of supplies: \$200. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Art

American Sign Language

ASL

ASL 152 - American Sign Language I

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: An introduction to American Sign Language, the natural language of the deaf community in the United States and Canada. Focuses on conversation in signs, basic rules of grammar, and aspects of the deaf community. (Not open to students who have completed COM 152) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

ASL 153 - American Sign Language II

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Continuation of basic American Sign Language and Deaf culture study, with opportunities to build receptive and expressive sign vocabulary and phrases; use of signing space; social expressions and body language; introduction to finger spelling. (Not open to students who have completed COM 153) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

ASL 226 - Communication and Culture in the Deaf Community

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: This course explores the communication and culture of Deaf people. It focuses on a unique human communication phenomenon: namely a community with a communication and cultural system that is not based on a spoken language. The relationship between communication and culture is examined through analysis of the different aspects of the Deaf culture and community, including language, the arts, norms, values, traditions and patterns of everyday life of the Deaf community and its interaction with a hearing-dominant society. This course will be conducted in English; knowledge of American Sign Language is not required. (Not open to students who have completed COM 226) SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 3

Department: Communications

ASL 252 - American Sign Language III

Prerequisites: ASL 153 or permission of instructor. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A continuation of American Sign Language II, expanding the emphasis on ASL grammar and vocabulary development and Deaf culture. Dialogues, short stories, narratives and short conversations, both receptive and expressive, will be featured throughout the course. (Not open to students who have completed COM 252) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

ASL 253 - American Sign Language IV

Prerequisites: ASL 252 or permission of the instructor. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: An advanced course in American Sign Language (ASL) designed to provide additional interactive opportunities for students to continue development of their knowledge of vocabulary and grammatical features, and of Deaf culture. (Not open to students who have completed COM 253)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

Basic Education Program

BEP

BEP 090 - Basic Education Reading

Description: This course, a requirement of the Basic Education Program, is designed to improve the skills of reluctant readers. Students select fiction and nonfiction books and read intensively throughout the semester to experience the work of a variety of authors in several genres. Through classroom reading, conversation and correspondence, as well as through rigorous weekly homework assignments, students learn to read actively and respond thoughtfully to text. They become familiar with literary terms and reading/writing strategies they will need to succeed in subsequent coursework. This class meets three times a week and provides an intensive, active educational experience within a framework of classroom and learning center support. Freshman assigned to this course must pass it before proceeding to RDG 001 or RDG 002. (4 class hours). SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

BEP 091 - Basic Education English

Description: This course, a requirement of the Basic Education Program, is designed to help students strengthen their basic writing skills in preparation for the demands of college-level writing. Students create essays through the process of prewriting, drafting, revising and editing their work with the help of peer and instructor feedback to develop a sense of purpose and audience. They learn to incorporate ideas gleaned through reading expository text into their essays to strengthen their arguments and develop appropriate techniques for writing in timed and untimed settings. The class meets three times a week and provides an intensive, active educational experience within the framework of classroom and learning center support. Students assigned

to this course must pass it before proceeding to ENG 001 or ENG 101. (4 class hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

BEP 092 - Basic Education Mathematics

Description: This course, a requirement of the Basic Education Program, is designed to strengthen understanding of the fundamental concepts of mathematics. Emphasis is placed on helping students identify and develop problem-solving strategies and study techniques relative to mathematics literacy. Students improve their mathematical skills through a program of content-integrated class instruction, skill tutorials and computer-assisted instruction within a framework of classroom and math lab support. Students assigned to this course must pass it before proceeding to ENG 001 or ENG 101. (4 class hours).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

BEP 093 - SPS Seminar

Description: SPS Seminar is a required course of the Basic Education Program. The seminar focuses on values clarification, identification and applications of individual learning styles, critical thinking, problem solving, career exploration and understanding College policies. Students will be expected to demonstrate the understanding of these concepts and skills in the other courses of the college preparatory program and in making plans for the next semester of their education. (1.5 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

Biology

BIO

BIO 101 - General Biology I

Description: Life processes are studied to develop an understanding of structures and functions of organisms. Major topics include the scientific method, cell structure and function, and a survey of human anatomy and physiology. Laboratory includes the dissection of a typical vertebrate. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 102 - General Biology II

Description: A survey course which explores the basic biological principles of reproduction and development, classical and molecular genetics, evolution, behavior and ecology. The diversity of life is examined in the laboratory as well as through field trip experiences. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 103 - Ecology

Description: A study of the relationships between the living and non-living components of the biosphere. The student examines dynamics and complexities of ecosystems, communities and populations of organisms. An examination of human impact and value systems upon ecosystems is considered throughout the course. Field work is undertaken when applicable. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 104 - Zoology

Description: A survey of the structure, physiology, adaptations, and life cycles of animals. Laboratory includes a study of microscopic forms, dissection of more advanced invertebrates, and selected vertebrates including frog, fetal pig, and perch. Field trip identification of local fauna is included as one of the course objectives. Course fulfills one semester of a laboratory science for students who have interest in or desire to pursue studies in zoology, wildlife, marine biology, and ecology. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 109 - Principles of Biology I

Prerequisites: High school biology, high school chemistry (or equivalent, such as CHE 107), successful completion of all remedial English and remedial reading requirements.

Description: This is the first course in the of BIO 109-110 sequence. This sequence is intended for students majoring in the sciences, including the health sciences, and secondary science education. These courses cover the basic concepts of biology that are derived from the study of living things. In the first semester, emphasis is placed upon the molecular and cellular levels of life. Topics such as cell structure, metabolism, molecular genetics,

cell division and control mechanisms are discussed. The second semester deals with life on organism through the ecosystem levels. Plant and animal systems are examined in the context of their role in evolution and the environment. The diversity of life is examined in the laboratory as well as through field trip experiences. The laboratory includes a dissection of more advanced invertebrates and selected vertebrates. (3 lecture, 3 laboratory hours) Laboratory fee applies to each course.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 110 - Principles of Biology II

Prerequisites: BIO 109.

Description: This is the second course in the BIO 109-110 sequence. This sequence is intended for students majoring in the sciences, including the health sciences, and secondary science education. These courses cover the basic concepts of biology that are derived from the study of living things. In the first semester, emphasis is placed upon the molecular and cellular levels of life. Topics such as cell structure, metabolism, molecular genetics, cell division and control mechanisms are discussed. The second semester deals with life on the organism through the ecosystem levels. Plant and animal systems are examined in the context of their role in evolution and the environment. The diversity of life is examined in the laboratory as well as through field trip experiences. The laboratory includes a dissection of more advanced invertebrates and selected vertebrates. (3 lecture, 3 laboratory hours) Laboratory fee applies to each course.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 115 - Human BioNutrition

Description: (Formerly BIO 111/112) Nutrition is explored as an emerging science which combines biology and chemistry into an exciting field of specialization. The characteristics and functions of nutrient groups are studied in their relation to their biological requirements and proper balance. Special attention is given to the relationship between an unbalanced diet, an altered metabolism and the disease process. Also considered are the unique biological features of each of the stages of life and their effect on nutrient requirements. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 116 - Human Genetics

Description: (Formerly BIO 105/106) Human Genetics examines the basic concepts of DNA and normal and abnormal gene function in human development and life. A point of emphasis is the relationship between genetic material and environmental impacts, including radiation, chemicals and viral infection.

Genetic engineering, birth defects, DNA fingerprinting, gene therapy, cancer and the human problems associated with these subjects are discussed. Laboratory exercises involve work with living organisms. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 118 - On Becoming Human

Description: (Formerly BIO 113/114) A biological examination of what it means to become a human. The course traces the development of human form and function from conception to birth through lectures, discussions and laboratory experiences on human genetics, reproduction, development, and birth. (3 lecture, 3 laboratory hours)

Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 119 - Oceanology

Description: (Dual listed with SCI 119) The course is designed as an overview of the structure, origin, and evolution of the world's oceans. Investigations will include analysis of abiotic factors such as sediments, coastlines, water properties, and movement. Students will take a close look at general water circulation, tides, currents, waves, and the effects of weather and climate. Further investigations will focus on biotic factors such as marine organisms, food chains, resources, and man's relationship to the sea. Note: This is a three-credit course and does not fulfill the laboratory science requirement needed for graduation. There will be no waivers issued under any circumstances. (3 lecture hours)

SUNY GEN ED-GLAB; NCC GEN ED-NSCI

Credit Hours: 3

Department: Biology

BIO 120 - Birds and the Environment

Prerequisites: One semester of college biology or permission of the Department.

Description: The anatomy, physiology, and behavior of birds will be studied in context of their environments. Classification and evolution of birds are also discussed. Laboratory exercises involve dissection, field trips, and individual investigative projects

involving data collection and analysis.

Field trips include representative Long Island habitats: marine, fresh water, woods, and fields. (3 lecture, 3 laboratory hours)

Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 121 - A survey of Mammals

Description: The course introduces students to the biology of mammals. The characteristics of mammals, how they evolved and their phylogenetic relationships are examined. A survey of the living mammalian orders, their features, life history characteristics, physiological and behavioral specializations, and habitat and ecological significance is discussed. Field trips are a required portion of the course.

SUNY GEN ED-n/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Biology

BIO 124 - Plants and Society

Description: This course surveys the various groups of plants, their structures and functions, their ecology and economic importance. Students will apply botanical concepts to understand the greenhouse effect, organic gardening, transgenic plants, medicinal uses of plants, and conservation of natural resources.

The Laboratory component requires students to perform research and participate in on-going investigative projects by using the scientific processes to construct hypotheses, design experiments, evaluate data, and draw conclusions. (3 lecture, 3 laboratory hours - including field trips) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 125 - Introduction to Marine Science

Description: An introductory level course dealing with Marine Science. It provides a framework for illustrating biological principles and processes. Aspects taught include ecology, diversity of plants and animals, marine communities and habits, and current issues and topics related to human intervention.

Laboratory emphasis is on observation, sampling, and studies of marine animals and plant communities. Field trips are a required portion of the course. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 130 - Molecules & Medicines

Description: The course includes basic chemistry, history of healing plants, medicinally active ingredients of plants, and modes of action of traditional and modern medicines on the human physiology. The laboratory component requires students to perform research, test common myths using the scientific processes, analyze data, and participate in other investigative exercises. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Biology

BIO 131 - Pathophysiology

Prerequisites: BIO 101

Description: The course is designed to familiarize students with a host of clinical diseases and their signs, symptoms, risk factors, and treatments. Case studies will be used throughout the course: including use of Internet information from national disease websites. Students will also be required to demonstrate their knowledge of human anatomy.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Biology

BIO 162 - Animal Ecology

Prerequisites: High School biology or similar course experience.

Description: The fundamental principles of ecology are presented through habitat explorations. Patterns of animal behavior (ethology) along with the physical specializations adapting wildlife to their habitats are emphasized. Working with locally found living vertebrate and invertebrate species students will produce photo-essay investigations of assigned wildlife topics. Students must have a camera and are responsible for their own transportation to, from and around field sites. (3 lecture, 3 laboratory hours for 7 1/2 weeks. This is a half semester course that may be taken in sequence with BIO 165 for 4 credits.) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 2

Department: Biology

BIO 165 - Natural History of Long Island

Prerequisites: High School biology or similar course experience.

Description: The course aims at expanding the student's knowledge about Long island's ecological diversity. During field trips students will investigate the factors affecting the preservation of several natural ecosystems

in proximity to the College. Critical thinking skills, class discussions and natural science methodology will be combined for the production of photo-essays exploring Long Island's plant and animal communities. The impact of commercial development on ecological balance, and items in local news, provide the themes for class projects. Students must have a camera and are responsible for their own transportation to, from and around field sites. (3 lecture, 3 laboratory hours for 7 1/2 weeks. This is a half semester course that may be taken in sequence with BIO 162 for 4 credits). High school biology or similar experience recommended. Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 2

Department: Biology

BIO 201 - Anatomy

Prerequisites: BIO 101 and BIO 102 or BIO 109 and BIO 110 with a grade of C or better in each course, or permission of the Department.

Description: This course is an exploration of the intricate structure of the human body. The student studies the various tissues, organs, and systems which function together to maintain life. The laboratory includes dissection of a representative mammal - the cat. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 202 - Physiology

Prerequisites: BIO 201 with a grade of C or better, or permission of the Department.

Description: A study of the normal functions of the human organism. The student surveys the various systems of the body, their activities and interrelationships. Much of the laboratory work involves measurement of human body functions. Combined with BIO 201, this course is an excellent introduction to anatomy and physiology. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 203 - Oceanography

Prerequisites: A one year college level science course or permission of the Department.

Description: An introduction to the interactions of the chemical, geological, physical, and biological processes of the marine environment. Laboratory emphasis on observation, sampling techniques and analytical procedures. Field trips are a required

portion of course. (3 lecture, 3 laboratory hours, including field trips) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 204 - Marine Biology

Prerequisites: Need either BIO 101, 102, 103, 104, 109, 110, 115, 116, 118, 119, 120, 124, 130, 131, 162, 165, 203; CHE 107, 108, 131, 132, 135; SCI 101, 102, 108, 109, 110, 120 or permission of the Department.

Description: This course provides an introduction to the plant and animal communities inhabiting shallow and deep North Atlantic marine waters. Emphasis is placed on diversity of adaptations for interaction with the varied salt water environments. Field trips are a required portion of course. (3 lecture, 3 laboratory hours, including field trips) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 211 - Developmental Anatomy

Prerequisites: BIO 101 and BIO 102 or BIO 109-110 or permission of the Department.

Description: This course explores the molecular, cellular and genetic processes of invertebrate and vertebrate development from fertilized egg to multicellular organism. The evolution of developmental mechanisms will also be discussed. A comparative study of invertebrate and vertebrate embryos will be included in the laboratory. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 212 - Comparative Anatomy

Prerequisites: BIO 211 or permission of the Department.

Description: An intensive course dealing with the anatomy of various vertebrates. Through a study of the present anatomical structures, the evolutionary development of these animals is outlined. Differences and similarities of organ systems from various species are discussed. (3 lecture, 3 laboratory hours) Laboratory fee applies. Generally offered spring.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 214 - Microbiology

Prerequisites: BIO 101-102 or BIO 109-110 or permission of the Department.

Description: This course examines the morphology, physiology, structure, genetics, and metabolism of microorganisms, including the roles played by microorganisms in medical, environmental, agricultural, and biotechnological sciences. The laboratory deals with the culture and study of microorganisms, the dynamics of microbial growth, and the physiological basis of bacterial identification. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 215 - Histology

Prerequisites: BIO 101-102 or BIO 109-110 or permission of the Department.

Description: Exploration of the microscopic structure of the human body. An appreciation is developed of the interactions of cells and tissues which result in a harmonious, complex body. Laboratory examination of the structure of cells, tissues, and organs of the body. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 216 - Parasitology

Prerequisites: BIO 101-102 or BIO 109-110 or permission of the Department.

Description: This course investigates the lives of animal parasites of medical, veterinary and economic importance. The habitats, life cycles, geographic distribution and underlying principles of transmission, diagnosis, treatment and prevention are considered. Through the use of prepared microscope slides and living materials, the student is given the opportunity to view and study a wide variety of parasitic organisms. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 219 - Field Biology

Prerequisites: BIO 101-102 or BIO 109-110 or permission of the Department.

Description: A habitat approach involving field trips is used for the investigation of the interactions of living organisms with their physical and biological environments. Emphasis is given to population dynamics and the interactions among organisms that determine the structure, function, and evolutionary development of biological communities. Studies are carried out in specific habitats such as bog, marsh, forest,

field, and estuary. Specially marked sections of this course may be run at offsite locations or abroad. Students are responsible for their own transportation to, from and around field sites. (3 lecture, 3 laboratory hours). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 221 - Transmission Electron Microscopy

Prerequisites: BIO 109-110, CHE 151-152 or equivalent, or permission of the Department.

Description: An introduction to the basic principles of transmission electron microscopy including tissue preparation, microscope (TEM) operation, black and white photography, and micrograph interpretation. The entire laboratory is devoted to the development of skills and preparative techniques involved with the operation of an actual transmission electron microscope. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUN GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 222 - Scanning Electron Microscopy

Prerequisites: BIO 221 or permission of the Department.

Description: An introduction to the theoretical and practical concepts of biological scanning electron microscopy (SEM). Topics studied include SEM optical principles, preparative techniques, SEM photographic techniques, SEM micrograph analysis. Through hands-on SEM operation, students will produce a portfolio of micrographs of a variety of biological samples. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

BIO 226 - Investigations in Human BioNutrition

Prerequisites: BIO 115

Description: This course explores current theories and controversies in the field of nutritional science. Students will evaluate research trends and critically analyze the influence of nutrition on health promotion and disease prevention.

SUNY GEN ED-n/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Biology

BIO 231 - Biotechnology: Recombinant DNA Science

Prerequisites: BIO 19-110, CHE 151-152, MAT 109-111 or equivalent, or permission of the Department.

Description: An investigation of DNA, the molecule of the gene, and recombinant DNA technology (genetic engineering). The student will explore the Central Dogma of gene structure and function; gene regulation in embryology and in cancer development. Applications of biotechnology to human genetics, forensics, gene cloning, agriculture, medicine and industry are included. Through hands-on biotechnology laboratories, students will perform fundamental modern recombinant DNA techniques, including bacterial transformation, restriction enzyme analysis and polymerase chain reaction. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Biology

Business

BUS

BUS 100 - Creative Problem Solving in Business

Description: This course will assist students in developing the skills required for success in business and in upper-level coursework. Various forms of active learning techniques will be employed to develop and improve those skills viewed by the business community as essential for success in the workplace. These skills include the ability to communicate effectively, work in teams/groups to solve business problems, research information, and think creatively and critically in solving business problems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 109 - Introduction to Corporate Business

Description: The course is an introduction to the role of corporate business as a primary source of goods, services, employment, and income. It provides beginning business students and non-business majors with an understanding of the basic scope of corporate business and its relationship to government and society. Students will have a "hands-on" corporate experience to learn the operations and activities of a major corporation as an additional component to the course.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 110 - Introduction to Business

Description: An introduction to the role of business in American life as a primary source of goods, services, employment and income. The course provides the beginning business student and the non-business student with an understanding of the basic nature and scope of business and its relation to government and all members of society. Students examine the operation and activities of large and small enterprises and the interrelationship of the various specialized fields of business.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 111 - Entrepreneurship

Description: An introduction to the management of small business. The course covers the role of small business in the economy, and is designed both for those interested in establishing businesses as well as those who have already established them. Emphasis is placed on development of a managerial philosophy for entrepreneurs, managers, and potential managers. Course work includes operational techniques, legal and environmental relationships, and analysis of the risks and rewards of managing or owning small enterprises.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 112 - Principles of Management

Description: An examination of the character and structure of modern business organizations; how individuals and groups within these organizations conduct themselves as they strive for personal and enterprise goals. Topics covered include planning, organizing, directing and controlling functions of managers; human relations and motivation; financial and non-economic considerations which provide the basis of decision making. Students are involved in experiencing a combination of textbook theory and current business practices through problem solving techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 114 - Introduction to International Business

Description: An introduction to the challenges and problems faced by American firms in conducting business in world markets. The course will expose students to the concepts and

principles dealing with world trade, foreign environments, global operations and the necessary global managerial skills required for success in such activities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 116 - Business Internship

Prerequisites: Permission of Department Chairperson.

Description: Students work for appropriate business firms, institutions and/or agencies to enrich the theoretical concepts previously developed in the classroom.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 118 - Franchising Management

Description: This course is designed for students who are interested in starting and managing a franchise business, either as a franchisee or as a franchisor. Attention is placed on the characteristics of the franchisor and franchisee; evaluation of franchising opportunities; raising of resources; legal concerns of franchising; and the development of appropriate strategies and the successful planning, implementation and launching of a new business.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 140 - Human Resource Management

Description: Principles of effective human resource administration are discussed in this course. Topics include the human resources department and its objectives, management-labor relations with special references to elements affecting recruitment, selection, training, evaluation and compensation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 150 - Organizational Behavior

Description: An introductory course that will provide future managers with basic information about employees and their behavior within the context of a business environment. Topics include motivation, communication, decision making, group behavior, team development, conflict, change, empowerment, leadership styles, power, authority, work design, performance appraisal and reward systems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 280 - Introduction to Sports Management

Description: An overview of the structure of the sports industry, as well as issues facing sports organizations. Emphasis on how management techniques can be applied to solve sports business problems. Discussion of sports management career opportunities will be included.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Accounting and Business Admin

BUS 600 - Co-op Partnership with Industry

Prerequisites: Completion of remedial and/or ESL courses are required. In addition, students must have completed a minimum of 12 credits and be in good academic standing prior to the commencement of the course or obtain permission of the chairperson. Students who are not department majors must be recommended by an instructor and obtain the permission of the department chairperson.

Description: The course provides supervised, practical, paid, full-time experience at institutions that offer students opportunities to which they apply concepts learned in the classroom. Written reports demonstrating the understanding of theories and their applications are an integral part of the curriculum. Travel and living expenses may be incurred contingent upon placement.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 6

Department: Accounting and Business Admin

Civil Engineering Technology

CET

CET 101 - Residential Construction Methods

Description: Students learn the types and organization of construction projects. Content includes the materials used in construction: concrete, steel, masonry, and wood; interior finishes, plumbing and electrical systems related to construction; methods of testing, excavation, foundation construction and superstructure erection. State and local codes, code administration and construction safety are also discussed. Films and individual projects are required. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 103 - Introductory Civil Engineering Technology

Description: An introductory course in the art of engineering designed to acclimate the students to the engineering profession and to acquaint them with the techniques and methodologies of engineering design. The "design" aspect of the course consists of an introduction to computer integration (as it applies to the engineering profession), graphical techniques, and design oriented problems using analysis software. The objectives of the design section entail the generation of engineering related problems. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 107 - Codes and Construction

Prerequisites: Enrollment in the Interior Design or Construction Management program, or permission of Department.

Description: Overview of practice and materials of construction, building types and structural framing. Instruction on the development and use of the current New York State Uniform Fire Prevention and Building Code, the 1992 Americans with Disabilities Act and their relation to residential and commercial uses of space. Instruction on fire codes related to materials used in interior design. (2 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 111 - Structural Drawing I

Prerequisites: ENS 105.

Description: Drawing of plans and details used in building construction. Development of drafting techniques and standards, using AutoCAD computer drafting software. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 150 - Blueprint Reading

Prerequisites: CET 101

Corequisites: CET 101

Description: Introduction to blueprint reading for building construction. Study and interpretation of building plans; architectural, mechanical and electrical. Estimating theory

and quantity takeoff. (2 lecture, 2 laboratory hours). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 201 - Construction Estimating

Prerequisites: CET 101, CET 103 and CET 150.

Description: Estimating costs of building construction. Practice in finding required material quantities from drawings. Procedures for estimating labor, material, and equipment costs. Scheduling of construction by CPM (Critical Path Method) including the use of estimating software. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 211 - Structural Drawing II

Prerequisites: CET 111.

Description: Development of data and preparation of drawings used in building construction and civil engineering, using Auto CAD computer drafting software. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 218 - Statics of Structure

Prerequisites: MAT 109.

Description: Resultants and equilibrium of coplanar force systems; trusses and three force members; force systems in space; friction, centroids and moments of inertia of composite areas.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 219 - Mechanics of Materials

Prerequisites: CET 218.

Description: Stress and strain in elastic bodies when subject to external tensile, compressive, shear and torsion forces. Beam reactions, shears, bending moment diagrams and deflections, by the moment-area method are determined. Column analysis; introduction to indeterminate structure.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 222 - Materials Testing Laboratory

Corequisites: CET 219.

Description: Determination of physical properties of construction materials. Standard

tests used on the American Society of Testing Materials and the American Concrete Institute standards including report writing software. (3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Engineering/Physics/Tech

CET 223 - Structural Steel Design

Prerequisites: CET 219.

Description: Analysis of statically determined structures. Design and investigation of structural steel members; columns, beams, trusses, and girders. Bolted, riveted, and welded connections reactions, shear, bending moment and deflection by analytic and graphical methods, including the use of design software. (2 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 225 - Soils and Foundations

Prerequisites: CET 219.

Description: The course is an introduction to soil mechanics with application to problems encountered in construction and design.

Topics include soil origin and nature, soil properties, field sampling, gradation, compaction, classification, permeability, soil strength. Laboratory experiments include the classification and evaluation of engineering properties of soil for predicting its behavior in accordance with ASTM and AASHTO specifications. The course also covers the structural design of foundations such as retaining walls, grade beams and footings. (3 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 231 - Elementary Surveying

Prerequisites: MAT 109.

Corequisites: ENS 105

Description: Basic principles of plane surveying. Field practice and office procedures. Use of level, transit, stadia, electronic theodolite and total station. Use of survey computation software for determination of horizontal and vertical controls and areas. Mapping of selected areas. (2 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 232 - Route Surveying

Prerequisites: CET 231.

Description: Field and office procedures in layout of highways, railroads, and pipelines. Profile leveling, horizontal and vertical curves and alignment. Mapping, plotting profiles and cross sections. Cut and fill computations. Principles of field astronomy. Computations using defined software. (2 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 240 - Hydraulics

Prerequisites: CET 219 or PHY 101.

Description: The course studies fundamental properties and behavior of fluids under static and flow conditions. Topics covered include hydrostatic force, buoyancy, pressure, manometry, continuity and energy equations, laminar and turbulent flow, losses, flow through pipes and open channels, and flow measurements, as well as an introduction to surface water hydrology. The rational method is used to determine peak flows. Laboratory experiments study the principal physical properties of liquids and major laws of fluid mechanics. (3 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 250 - Construction Planning and Scheduling

Prerequisites: CET 101, CET 103 or permission of the Department Chairperson.

Corequisites: CET 101, CET 103 or permission of the Department Chairperson.

Description: Concepts and methods for planning and scheduling of operations and resources on construction projects. Topics include Gantt charts, progress curves, critical path methods and project networking techniques. Extensive use of computer software to aid the student in planning and analysis of scheduling, resource management and updating construction operations. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 252 - Construction Safety

Prerequisites: CET 101 or permission of the Department Chairperson.

Description: Introduction to occupational safety and health practices in the construction industry. This course provides an overview

of U.S. Department of Labor, Occupational Safety and Health 1926 Standards for the construction industry. Course work includes a detailed study of construction safety management. Topics include personal protective equipment, hazardous communications, site safety management, inspection and supervision for erection and demolition of structures.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 254 - Mechanical and Electrical Equipment for Buildings

Prerequisites: CET 101 or permission of the Department Chairperson.

Description: Introduction to the basic concepts of mechanical systems design and construction for residential and commercial buildings. Systems design and equipment selection is performed for heating, cooling, plumbing, sanitation, electrical lighting and acoustics. Emphasis is placed on the use of the International Building code and A.S.H.R.A.E Standards.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

CET 256 - Construction Contracts and Specifications

Prerequisites: CET 101 or permission of the Department Chairperson.

Description: Introduction to building construction contract documents. Student is exposed to contract law, general conditions of the contract and construction specifications using the Construction Specifications Institute Standards. Analysis of owner, designer, and contractor responsibilities under contract.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

CET 260 - Construction Project Management

Prerequisites: CET 101 or permission of the Department Chairperson.

Description: Introduction to methods and techniques of managing construction projects. Construction business organization, contracts, bonding, insurance, construction site supervision, labor law and labor relations. Introduction to computer applications in project administration. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

Chemistry

CHE

CHE 107 - General Chemistry

Description: General Chemistry, CHE 107, is a one-semester laboratory course in basic chemistry. Students are introduced to the fundamental concepts of physics and mathematics that are required to understand chemistry. The course then follows a semi-traditional introduction to chemistry: relative atomic/molecular weights, the mole concept, solution chemistry, stoichiometry, gas laws, and atomic structure. This course satisfies the prerequisite requirements for CHE 151. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 108 - Consumer Chemistry

Description: A non-mathematical course in chemistry for non-science students. The course explores the science of chemistry as it relates to modern society. Chemical principles are taught on a "need to know basis" as they are required to explore scientific issues that impact modern society. It satisfies the laboratory requirement for liberal arts. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 109 - Contemporary Topics in Chemistry

Description: This is a three-credit non-laboratory course in chemistry. Topics covered include forensic science, development of pharmaceuticals, actions of drugs in the body, toxicity of chemicals, and green chemistry. This course satisfies the liberal arts requirements for a non-laboratory science course in chemistry. (3 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Chemistry

CHE 131 - General Chemistry I

Description: This is the first course of the CHE 131-132 sequence. The course covers fundamental principles of modern chemistry including problem-solving techniques. Topics include atomic and molecular structure, chemical nomenclature, stoichiometry, chemical bonding, properties of gases, liquids and solids, and solutions. One year of high school chemistry and a working knowledge of elementary mathematics including algebra

is strongly suggested. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 132 - General Chemistry II

Description: This is the second course of the CHE 131-132 sequence. This course covers fundamental principles of modern chemistry including problem-solving techniques. Topics include thermochemistry, thermodynamics, kinetics, equilibrium, acid-base theory, solubility products, oxidation-reduction, nuclear chemistry, and organic chemistry. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 135 - Chemistry for Applied Sciences

Description: A one semester laboratory course encompassing basic principles of inorganic, organic and biochemistry with emphasis on their application. Topics include metric/SI systems, energy, basic atomic theory, stoichiometry, gas laws, solutions, pH, buffers, nomenclature and structure of organic compounds, amino acids, proteins, carbohydrates, lipids and metabolism. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 151 - Inorganic Chemistry I

Prerequisites: High School Chemistry or CHE 107

Corequisites: Pre or co-requisite MAT 111 or equivalent.

Description: Recommended for students concentrating in science or mathematics. A definitive study of chemistry encompassing modern atomic and molecular theory and periodicity. An in-depth study of physical and chemical behavior of matter, including stoichiometry, gas laws, and solutions. The laboratory work reinforces concepts presented in lecture through the application of the scientific method. Emphasis in the laboratory is placed upon accuracy and precision in the development of qualitative and quantitative techniques. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Chemistry

CHE 152 - Inorganic Chemistry II**Prerequisites:** CHE 151.

Description: A continuing course in modern chemistry, including work in oxidation-reduction reactions, chemical equilibrium, electrochemical cells, thermodynamics, and chemical kinetics. The laboratory emphasizes descriptive chemistry via qualitative analysis, and classical methods of gravimetric, volumetric, and basic instrumental analysis. (3 lecture, 5 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4**Department:** Chemistry**CHE 200 - Introductory Organic Chemistry****Prerequisites:** CHE 131 or permission of Chairperson.

Description: CHE 200 offers a basic introduction to the world of organic chemistry. A functional group approach, emphasizing structure, nomenclature, preparation and reactivity is used. While the approach parallels CHE 201 to an extent, it is significantly less demanding and thus cannot be substituted for the higher level course. Nevertheless, many science and pre-professional students with weak backgrounds in chemistry have found CHE 200 helpful as a refresher course before taking CHE 201-202. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4**Department:** Chemistry**CHE 201 - Organic Chemistry I****Prerequisites:** Minimum of "C" in CHE 152.

Description: This is the first course of the CHE 201-202 sequence. This 1st semester course in organic chemistry covers the nomenclature, physical properties, stereochemistry, structure-reactivity relationships, and reaction mechanisms of alkanes, alkenes and alkynes. Laboratory activities include organic synthesis, qualitative analysis and instrumental techniques. (3 lecture, 6 laboratory hours) Laboratory fee applies. Molecular model set required.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 5**Department:** Chemistry**CHE 202 - Organic Chemistry II****Prerequisites:** Minimum of "C" in CHE 201.

Description: This is the second course of the CHE 201-202 sequence. This 2nd course in organic chemistry covers modern spectroscopic techniques and the characteristic

reactions of the major classes of organic compounds. A mechanistic approach is emphasized. Laboratory activities include organic synthesis, qualitative analysis, and instrumental techniques. (3 lecture, 6 laboratory hours) Laboratory fee applies. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 5**Department:** Chemistry**CHE 221 - Clinical Chemistry****Prerequisites:** CHE 200.

Description: A one-semester course designed to train medical technologists in the principles and practices of the science of clinical chemistry, specimen collection and processing, quality control, modern instrumentation in clinical chemistry, basic physiology, analytical procedures, and correlations of abnormal values with the disease states. Laboratory utilizes modern instrumentation in the determination of biochemical profiles such as liver, kidney, heart, electrolytes, lipids, thyroid function, pancreatic function and the monitoring of therapeutic drugs. (2 lecture, 6 laboratory hours). Laboratory fee applies. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4**Department:** Chemistry**CHE 260 - Biochemistry****Prerequisites:** CHE 200 or CHE 201 or permission of Chairperson.

Description: For paramedic science students. This course presents classes of biologically interesting compounds and covers their structure, biosynthesis, and metabolism. Physiological buffers are also presented. The laboratory stresses analysis of such classes of compounds. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4**Department:** Chemistry

Chinese

CHI

CHI 101 - Beginning Chinese I**Prerequisites:** Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. This course is not intended for students of Chinese speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3**Department:** Foreign Languages**CHI 102 - Beginning Chinese II****Prerequisites:** CHI 101 or equivalent.

Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3**Department:** Foreign Languages

Computer Processing

CMP

CMP 100 - Computer Literacy

Description: This course provides the general liberal arts student with a non-technical approach to computers. The lecture component discusses the role of computers in various disciplines and its impact on individuals, institutions and society. The hands-on approach allows the student to become familiar and comfortable with current technology, popular software and the Internet. Computer Information Systems and Computer Science majors will not receive credit for this course.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2**Department:** Math/Computer Science/Info Tec**CMP 101 - Introduction to Computers**

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: An introduction to computers applying critical thinking and problem solving strategies in science, mathematics and information/data management. The course will address issues of information validity and value judgments. Students will develop both qualitative and quantitative solutions to college-level applications. Topics include computer hardware and software, security, ethics, connectivity, basic networking (Internet), electronic spreadsheets, report and graph generation, and an introduction to programming concepts. Computer Information Systems and Computer Science majors will not receive elective credit for this course.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CMP 103 - Microcomputer Hardware and Software

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is designed to provide the student with a comprehensive introduction to microcomputers. Topics include fundamental concepts, hardware components, software products, and trends in computing. Issues related to the impact computers have on society and current changes in technology are also discussed. Students will receive hands-on instruction in popular software applications. (4.5 lecture hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CMP 105 - Electronic Spreadsheets

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course introduces electronic spreadsheet application software. Topics include spreadsheet operations, creation of charts and graphs, data query, multiple spreadsheets, links and macro programming. It is designed for computer processing, business and general liberal arts students interested in obtaining comprehensive hands-on training in the use of electronic spreadsheets (4.5 lecture hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CMP 106 - Database Processing

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is an introduction to database processing for business and information systems. Emphasis is placed on the planning, administration, control, and design of database management systems. A database programming language (command files, report generator, and screen files) is also presented. It is suggested that students have previous microcomputing experience and/or programming experience (or CMP 101 and CMP 103) before enrolling in this course (4.5 lecture hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CMP 115 - Computers in Business

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course introduces the role of computers and data processing in the business environment. Topics include: essential business computer concepts, computer hardware/software, modern business computer systems, the Internet, data communications, networking, and systems analysis and design. An introduction to DOS and Windows is covered. Electronic spreadsheets are used to emphasize business analysis and decision-making using computers. This course is primarily for business majors. Computer Information Systems or Computer Science majors will not receive credit for this course. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CMP 117 - Business Computing: Concepts and Applications

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is designed to provide the business student with a broad-based background in the use of computer systems in business and industry. An overview of computer hardware and software concepts with their impact on business systems is an integral part of the course. Students are introduced to a variety of information systems and the development life cycle utilized in the private sector. The importance of networking structures and the analysis of data flow within business and management information systems (MIS) are covered. Use of the Internet for global electronic commerce is discussed. The hands-on component of the course provides students with substantial use of spreadsheet, database and presentation software to analyze data and solve real-life business problems. Students will be introduced to databases that exhibit the hierarchy of data and the relational database model. (Students will not receive credit for both CMP 115 and CMP 117; Computer Science or Information Technology majors will not receive credit for this course.) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CMP 205 - Survey of Operating Systems

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Students are introduced to the basic concepts of operating systems and will study the similarities and differences between at least three current and popular architectures and user interfaces. Topics include shell languages, file structures, background processes, system software, including editors, and system utilities. These topics will be covered for each of the different systems. Theoretical concepts covered include multi-tasking, inter-process communication and system administration. Use of both written and on-line system documentation is required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CMP 219 - Object Oriented Programming in C++

Prerequisites: At least a C in CMP 211 or CMP 218 (or equivalent). Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course

Description: This is a course in object-oriented design and programming using C++ and is intended for students who already have a firm understanding of the object-oriented paradigm including objects, classes, and inheritance. The topics presented prepare the student for advanced study in Computer Science and Information Systems. Topics include C++ basics, I/O streams, class definition, friend functions and operator overloading, dynamic memory allocation/deallocation, dynamic binding, and virtual functions. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CMP 490 - Cooperative Education Internship

Prerequisites: Permission of Department, approval by the Agency offering the internship, a minimum of 9 CMP credits, and a minimum GPA of 2.75. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This is a course integrating classroom study with career related professional training in the area of Information Technology. The student will be placed in a corporation, small business or other setting related to the field of Information Technology and will gain work experience that enriches the theoretical concepts developed in the classroom.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

Communications

COM

COM 030 - Public Speaking for Non-Native Speakers (ESL III)

Prerequisites: Placement test.

Description: COM ESL III is a preparatory public speaking course for advanced ESL students. It teaches organizational, research, and delivery skills. Students will learn how to carry out research, create a bibliography, write an outline, and deliver an informative speech. Improved fluency and clear articulation in English are also goals of this course. This course is offered only in conjunction with the credit bearing (3 credits) course COM 103. The courses will be given in an intensive (four days a week) format, and both can be completed in one semester.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 0

Department: Communications

COM 101 - Interpersonal Communications

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: This course is a study of the historical and contemporary principles and concepts of human communication. An examination of the interpersonal communication process will help the student gain an awareness of the elements which both aid and hinder communication. Skills which will increase communication effectiveness will be studied, including verbal and nonverbal behavior, listening, assertiveness, and conflict resolution. Course will incorporate an analysis of theoretical applications.

SUNY GEN ED-GBCM; NCC GEN ED-COM, HUM

Credit Hours: 3

Department: Communications

COM 103 - Public Speaking

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Principles and practices of public speaking. Emphasis in public speaking on preparation and presentation of speeches, selection of materials, organization and development, delivery, audience analysis, critical listening, and constructive evaluation. Three researched, informative speeches are required.

SUNY GEN ED-GBCM, NCC GEN ED-COM, HUM

Credit Hours: 3

Department: Communications

COM 104 - Film Appreciation

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Consideration of the film's coming of age as a major art form and its interaction with printing, theatre, television and radio. Time is devoted to readings and discussions on the form and aesthetics of the film as a popular culture and as art, on film criticism, with the analysis of historical and current films.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 107 - Film Production I

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A study of the creative & artistic concerns & fundamental processes involved in filmmaking. Emphasis on the preproduction planning, shooting, editing & screening of films. Material fee applies.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Communications

COM 109 - Television Journalism

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A comprehensive study of electronic journalism as prepared and presented through the medium of television. Students engage in the creation of television news production. Students develop a critical awareness of television news.

SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 110 - Understanding Mass Media

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: The study of mass media, radio, television, film, print, advertising of our time. How do the media reshape and restructure us as individuals, in the social group and as a "global village"? How do mass media work on

the inside? How do mass media work outside on the lives of the consumers?

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

COM 112 - History of Film

Prerequisites: Permission of Department Chairperson. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A history of the motion picture from the beginning to the present day. as it emerged as a form of entertainment, art & education. The course examines those influences, forms & techniques which have altered & affected the growth & development of the medium.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 113 - Documentary Media

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: historical development, content and social and artistic impact of the documentary are analyzed. The emphasis of the course is an examination of the distinctions and similarities in form and content of the documentary as it has developed through radio, television and film.

SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 119 - Interaction in Oral Interpretation

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Experiences in interacting with an audience, using prose and poetry as vehicles for oral interpretation. Different types of literature are used to develop skills in analysis and performance based on understanding principles of interaction in oral interpretation. Final goal consists of original programs, created and performed by students in class.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 121 - Small Group Communication

Prerequisites: COM 101. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Theory and practice in assuming membership and leadership roles in decision-making groups, with emphasis upon the individual's ability to communicate and thus interact more effectively. Group process is investigated as it relates to each individual's ability to communicate.

SUNY GEN ED-n/a; NCC GEN ED-COM, HUM

Credit Hours: 3

Department: Communications

COM 123 - Argumentation and Debate

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Provides students an opportunity to locate, organize and use rational arguments both for and against controversial issues of national importance. Classroom debates promote skill in cross-examination, detecting faulty reasoning and refuting opposing views. For all students, particularly those interested in business and the professions.

SUNY GEN ED-GBCM; NCC GEN ED-HUM, COM

Credit Hours: 3

Department: Communications

COM 124 - Communication for Business and the Professions

Prerequisites: COM 101. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A course designed to acquaint students with the fundamental principles and concepts of communication within the organizational environment. It assists in developing interpersonal skills needed for effective performance in business and the professions. The course examines the communication implications of organizational structure on the processing, networking, and transaction of messages. The communication climates of organizations are analyzed.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 125 - Effective Listening

Prerequisites: COM 101. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: The study of the theories of listening and the application of principles of effective listening in academic, professional, and personal situations. Students will analyze and test their own listening patterns and engage in exercises to improve listening skills.

SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 130 - Communication in Black America

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: (Dual listed with AFR 197) A study of how oral communication functions in various relationships. Emphasis on discussion, group exercises, role playing. The role of oral communication in the Black experience.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Communications

COM 170 - Radio Production

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: An introduction to the medium of radio with an emphasis on basic radio production. Students gain competence in using radio equipment and producing programs in various formats. The course will examine the role of program elements to support business and public interest aspects of the medium. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 171 - Television Studio Production

Prerequisites: Students must have satisfied all ENG and RGD remediation requirements prior to starting the course.

Description: Designed to give the student a creative grasp of the art and craft of television production in a studio setting. Students develop skills in the aesthetic as well as technical aspects of television in the practical setting. Emphasis is on the production process by developing group and individual projects. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-HUM, FAPA

Credit Hours: 3

Department: Communications

COM 172 - Video Field Production

Prerequisites: Students must have satisfied all remediation requirements prior to starting the course.

Description: Designed to give the student a creative grasp of the art and craft of television production in a field setting. Students develop skills in the aesthetic as well as technical

aspects of television using single camera shooting and editing techniques. Emphasis is on the production process by developing group and individual projects. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-HUM, FAPA

Credit Hours: 3

Department: Communications

COM 201 - Voice and Diction

Description: Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

A study of the structure and function of the speech and voice mechanism. The course is designed to provide training for the improvement of articulation and voice quality. The International Phonetic Alphabet and its use in recording the sounds of American English are studied. Emphasis is given to the practice and application of principles basic to good speech production. Voice recordings and individual conferences with the instructor are required of all students.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 202 - Persuasive Speaking

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Students who have taken COM 102 will not receive credit for COM 202. Examines the role of persuasion in contemporary society. Focus on both the technical and ethical aspects of persuading. Study of attention, various appeals, and structure in adapting to audiences. Assigned speeches.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 203 - Phonetics

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: This course will provide students with a strong foundation in the study of human speech by focusing on the physiological aspects as well as the physical components of speech sounds. Students will study the anatomy of the vocal tract, articulation processes, dialects and accents, the articulatory and acoustic properties of speech sounds, the International Phonetic Alphabet, and the direct application of phonetic principles. This course is intended to fit within the recommended sequence of course work to be completed by undergraduates who wish to enter the fields of

Speech Pathology/Audiology, Linguistics, and TESL/TEFL.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 209 - Introduction to Speech and Hearing Therapy

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: A study of speech & hearing disorders, their diagnosis & treatment. Review of the physical, emotional & intellectual interrelationships of language & speech development. Provide a comprehensive overview of the field of speech & hearing therapy.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 210 - Global Media

Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: The study of international, national, transnational, and global media. The course will deal with the media systems in other countries, the exportation of American media products, and how other cultures use the media to tell stories.

SUNY GEN ED-n/a; NCC GEN ED-GLNW, HUM

Credit Hours: 3

Department: Communications

COM 220 - Communication and Language

Prerequisites: COM 101 or COM 102 or COM 103. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Communication and Language is an advanced course which teaches the meaning of oral language codes and explains how and why language takes the form we observe. Issues that underlie varieties of speech such as sexism, racism, and social status are examined, and the specific mechanisms of these codes are revealed. Special emphasis is given to the oral patterns used by men and women, to the pragmatic aspects critical to communicative function, and to the study of dialectal variety and bilingualism.

SUNY GEN ED-GBCM; NCC GEN ED-PLDI, HUM

Credit Hours: 3

Department: Communications

COM 222 - Nonverbal Communication

Prerequisites: COM 101. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Theories and methods of nonverbal communication. Emphasis on the analysis and significance of nonverbal cues and their effects on behavior in daily living. Participation in exercises demonstrating various aspects of nonverbal communication including body language, eye movement, smell and space and time relationships. Exploration of nonverbal behavior of other cultures and subcultures. Mini-projects in observing and recording nonverbal behavior in many kinds of situations including those in which nonverbal norms are violated.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

COM 224 - Intercultural Communications

Prerequisites: COM 101. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: This course will examine the factors that help people understand, adjust to, and interact with others of diverse cultures. The focus will be on the strategic role of communication within the context of sociocultural factors that affect communication style and effectiveness. Students will become familiar with major theory and research in intercultural communication and have an opportunity to develop and practice those competencies that will increase their effectiveness in intercultural interactions.

SUNY GEN ED-n/a; NCC GEN ED-PLDI, HUM

Credit Hours: 3

Department: Communications

COM 290 - Media Practicum

Prerequisites: Departmental permission. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course.

Description: Supervised practical experience at media facilities providing the students with situations in which they can apply concepts learned in previous media courses. Field experience and future career opportunities will be discussed in a collateral on-campus class. The focus of this course is on media technology. (Prior coursework in media or permission of the Departmental Chair required.) Three credits (1 1/2 hours classroom lecture, discussion; 12 hours field experience)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Communications

Criminal Justice

CRJ

CRJ 101 - Police Organization and Administration

Description: Administrative principles and practices which apply to law enforcement and public safety agencies, including the formulation of policy and procedures, rules and regulations, deployment, coordination of activity, and the enactment of procedural and tactical planning.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 105 - Foundations of the Justice System

Description: Students will be provided with basic knowledge of the philosophy, structure and processes utilized in the delivery of justice. This survey of justice will provide students with the necessary knowledge so they can understand and impact the system to enable it to best serve individual and/or societal needs.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 106 - Understanding Criminal Behavior

Description: Focuses on a branch of criminal justice dealing with criminal behavior in relation to legal principles and court cases. Practical aspects of assessment, management and treatment functions of the practitioner will be examined from both a clinical and a behavioral perspective. Students will explore theories, techniques and research methods associated with judicial settings and correctional institutions.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 110 - Introduction to Correction

Description: A survey of the correctional field: origins, development, current status, and future prospects. The course is intended for students who would like to explore the field of corrections. The focus is on the current state of corrections, with enough background material to illuminate relevant contemporary events.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 111 - Probation and Parole I

Description: This course focuses on two important components of the correctional system which are frequently used as alternatives to incarceration of offenders. Students are introduced to the historical development of these systems, as well as to their legal aspects and the theories governing probation and parole. This course gives particular emphasis to the impact of these systems in the Criminal Justice System. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 112 - Probation and Parole II

Prerequisites: CRJ 110, CRJ 111, or CRJ 215 or permission of instructor or chairperson.

Description: This course reviews relevant issues in probation and parole systems which require in-depth analysis. Major problems are thoroughly examined and possible solutions are suggested. These areas cover a wide range of problems which have been in existence for long periods of time, and those which have developed as a result of the emergence of new technology or change in philosophy in the correctional discipline. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 113 - Community Based Corrections

Description: This course assists students in understanding the principles and philosophy of alternatives to incarceration. The course focuses on the various correctional programs available to offenders which are designed to assist the individual to make a more realistic adjustment to normal community living following the commission of a criminal offense or delinquent act. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 201 - Criminal Investigation

Description: This course examines the theories and practices of criminal investigation through each of the germane aspects, commencing with the discovery of a potential crime, through crime scene and evidence methodology, through the secondary investigative steps of examination, interview, interrogation and case preparation. Emphasis is placed on the utilization of evidence and testimony to prove both the elements of specific crimes and the identity of the specific criminal(s). SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 203 - Police and the Community

Description: The importance of good police community relations is stressed, as well as the factors that go into the effort to achieve them. The course gives the student an in-depth review of the past and the present state of police community relations, as well as an assessment of what will be required in the future. The impact of politics, unionism, minorities and media relations on the police and the public they serve is analyzed. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 206 - Dispute Resolution (Mediation)

Description: This course focuses on the differences between mediation, arbitration and fact finding, and how each of these processes is used on the Federal, state, and local level. A comparative study of dispute resolution centers throughout the United States, and how these centers are used as an alternative to the Criminal Justice System. The course will provide outlines for student participation in role playing dispute situations, and how the disputes are resolved, including the final agreement between the parties. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 207 - Criminal Justice Internship

Prerequisites: Permission of Department required.

Description: This course offers a classroom seminar and assignment in various agencies within the Criminal Justice System, providing students with the opportunity to include an internship in their studies and to integrate classroom learning with practice before considering entering the criminal justice professions. Field experience will occur in Police, Sheriff, Probation, Correction, Parole, County Attorney, District Attorney, and related agencies at the local level. Students will become acquainted with the function, structure, staff and clientele of these Criminal Justice agencies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 212 - Research in Crime and Security

Prerequisites: At least nine credits of Criminal Justice and/or Private Security Administration.

Description: (Dual listed with PSA 241)

This seminar type course offers the student an opportunity to examine specific issues, conflicts or controversies in one or more of the following discipline areas: law enforcement, loss prevention, the courts, and corrections. An interdisciplinary approach is stressed for a broader understanding. Each student is required to complete a research project under the direction of the instructor in the student's chosen area of examination. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 215 - Introduction to Juvenile Delinquency and Justice

Description: The organization, functions, and jurisdiction of juvenile agencies; the processing and detention of juveniles. A comprehensive study of the state law relating to youthful offenders. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 216 - Investigation Interviewing and Counseling

Description: This course examines the various functions of investigations conducted on offenders, preparation of reports for various agencies, interviewing techniques most applicable to the correctional client, and the various issues involved in the counseling of these specific types of clients. SU GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 217 - Contemporary Issues in Corrections

Prerequisites: CRJ 105 or CRJ 110 or permission of instructor or Department chairperson.

Description: An examination of the most relevant issues in corrections at this time. Correctional treatment, sentencing practices and impact on correctional policy, violence in prison, community based treatment of the offender, minority offenders and other issues are analyzed in depth. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 218 - International Criminal Justice Systems

Prerequisites: Permission of instructor.

Description: This study tour will examine the criminal justice systems of foreign nations. Students will visit courts, penal institutions,

assessment and treatment centers for both youthful and adult offenders. In addition, discussions with government officials and criminal justice practitioners are planned. Participants will have an opportunity to contrast and compare the criminal justice systems of these countries with that of the United States. Travel costs are extra.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 219 - Sentencing Alternatives and the Juvenile Delinquent

Prerequisites: CRJ 215.

Description: A seminar course that will focus on presenting functional sentencing alternatives for juvenile delinquents and persons in need of supervision (PINS). The course objectives will involve instruction supported by an active learning environment, including campus-based fieldwork. Students will participate in conflict resolution and mediation, teen court scenarios, diversion programs and a wide variety of other community based sentencing alternatives. Students, under faculty supervision, will have an opportunity to interface with agencies that provide alternative sentencing programs in Nassau County.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 220 - Women in the Criminal Justice System

Description: This seminar will explore the various theoretical explanations underlying contemporary female criminality. The issues of female victimology, women as offenders & female practitioners in the criminal justice system will be examined. Problems within the various rehabilitative and punitive sentencing alternatives will be identified and analyzed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 221 - Police Supervision and Public Relations

Description: A seminar course on the administration of justice & community relationships. It utilizes the interdisciplinary activities & emphasizes the evaluation of police facilities at the community level.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 225 - Criminal Law

Description: Introduction to the origin and function of the substantive criminal law of New York State; review and analysis of the elements of major offenses at common law and under modern penal codes, and the available defenses; review and discussion of leading judicial interpretations of penal codes.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 226 - Criminal Procedure

Description: Devoted to the study of the criminal law administration as mandated by the Supreme Court of the United States through legal controls over police investigative procedures. Specifically, the 4th, 5th, 6th, and 14th Amendments of the U.S. Constitution and the New York criminal procedure law are discussed and analyzed through the case law. Special emphasis is placed on procedures involving arrests, searches and seizures, warrants and interrogation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 227 - Constitutional Law

Description: Introduces the student to the institutional aspects of the U.S. Constitutional system. Historically, the relationship between the Federal Constitution (the Bill of Rights and 14th Amendment) and the states is traced through a study of the decisions of the United States Supreme Court.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 228 - Law of Evidence

Description: A brief analysis of the law of evidence for undergraduates which will be beneficial to police officers and students intending to enter the field of criminal justice and law.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

CRJ 230 - Introduction to White Collar Crime

Prerequisites: Satisfactory completion of ENG 001 and RDG 001/002 if required.

Description: This class focuses on the different types of white collar crime such as identity theft, antitrust violations, bank fraud, computer/Internet fraud, economic espionage, counterfeiting, embezzlement, money laundering, bribery, securities fraud among others. Secondary aspects include theories/explanations of white collar crime,

enforcement, adjudication and criminal statutes.

Credit Hours: 3

Department: Criminal Justice

Computer Repair Technology

CRT

CRT 201 - Personal Computer Equipment Servicing I

Description: This course is the first of a two-course sequence designed to provide the skills required to install, service and maintain personal computers and their peripheral devices. Topics include microcomputer fundamentals; PC hardware; the addition or replacement of field replaceable modules; installation and configuration procedure for various devices; common problems associated with each module and troubleshooting techniques. Microprocessor support systems, memory systems, on-board I/O, expansion slots, system board upgrading and troubleshooting conclude the course. Department computer facility will be used for all laboratory work. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

CRT 202 - Personal Computer Equipment Servicing II

Prerequisites: CRT 201

Description: This course is the second of a two-course sequence designed to provide the skills required to install, service, and maintain personal computers and their peripheral devices. The course begins with coverage of input/output devices, including coverage of serial and parallel ports, troubleshooting port problems. The construction, installation and troubleshooting of input devices such as keyboards, mice, trackballs, joysticks, light pens, touch-screens and scanners are discussed. Magnetic storage is then covered including disk drive operation, floppy disk drives, hard disk drives, RAID systems and tape drives. Video displays, including CRT basics, color monitor video standards, video controllers, liquid crystal displays and gas plasma displays are covered. The characteristics, mechanics, installation and troubleshooting of dot-matrix, ink-jet and laser printers are studied. Data communications is covered, including modems, local area networks and wide area networks. Department computer facility will be used for all laboratory work. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

Computer Science

CSC

CSC 104 - Programming Logic and Problem Solving

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: The course is an introduction to programming logic and problem solving including programming concepts and terminology. The focus of the course is on critical thinking skills necessary to write computer programs and provides students with an introduction to programming without focusing on the details of programming syntax. This course is intended for students with little or no object-oriented programming experience. Students who have completed CMP 104 will not get credit for CSC 104. (3 lecture hours)

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CSC 120 - Computer Science I

Prerequisites: At least a C in CSC 104 or at least a C in MAT 111 or permission of Department. Student must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is an introduction to computer programming and algorithmic problem solving using an object-oriented, high level programming language. Emphasis is placed on problem solving strategies that utilize multiple classes and methods. This course will focus on the following concepts: algorithm implementation, modular development, documentation, abstraction and coding along with problem solving strategies. Includes supervised hands-on component. Students who have completed CMP 210 will not get credit for CSC 120. (4 lecture, 2 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CSC 130 - Computer Science II

Prerequisites: At least a C in CSC 120. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course expands on the design of object-oriented programs introduced in Computer Science I. Students will be

introduced to abstract data types including stacks, queues, and lists. Emphasis is placed on the design and implementation of these abstract data types as well as applications that utilize them. Object-oriented programming concepts such as composition, inheritance, polymorphism, and exception handling are utilized throughout this course. An introduction to binary-trees and recursion is provided. Includes supervised hands-on laboratory component. Students who have taken CMP 211 will not get credit for CSC 130. (4 lecture, 2 laboratory hours) Laboratory fee applies.

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CSC 217 - C Programming Language

Prerequisites: At least a C in CSC 130 or CMP 219 or ITE 204, or permission of the Department. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: The C programming language is widely used in both the computer industry and as a tool for studying advanced topics in the area of Computer Science. Topics include language syntax, scalar and compound data types, pointers, functions, operators, modular coding practices and files. Both the ANSI version and the traditional C are discussed with emphasis on the former. Typically fall day and spring evening. Students who have completed CMP 217 will not get credit for CSC 217. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CSC 230 - Data Structures

Prerequisites: At least a C in CSC 130. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course introduces the programming literate student to the advanced data types and structures of priority queues, hash tables, and search trees. The concepts covered in this course include recursion, algorithm efficiency, best and worst time analysis, and advanced tree structures and graphs. Typically fall day and spring evening. Students who have completed CMP 251 will not get credit for CSC 230. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

CSC 250 - Computer Organization and Assembly Language Programming

Prerequisites: At least a C in CSC 130.

Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Implementation and discussion of registers, addressing modes, relocatability, base arithmetic, data representation, assembly and linkage using a particular instruction set and architecture. Topics include arithmetic calculation, memory organization, flow of control, address modification and access method, bit and byte manipulations, I/O, user and system interrupts, routines and macros. Typically fall evening and spring day. Students who have completed CMP 207 will not get credit for CSC 250. (4.5 lecture hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

CSC 260 - Analysis of Computer Architecture and Software

Prerequisites: CSC 250 (with concurrency). Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: The fundamentals of computer systems are examined. Computer architecture and the many levels of software systems are studied. Topics include microarchitecture, microprogramming, conventional machine language, operating system software, assemblers, linkers and loaders, compilers and interpreters, codes and networks. A term project is directed in one of these areas. Typically fall evening and spring day. Students who have taken CMP 220 will not get credit for CSC 260.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

Community Service

CSW

Dance

DAN

DAN 101 - Dance in the 20th Century

Prerequisites: Satisfactory completion of Remedial Reading.

Description: A study of the development of dance as an art form from the Romantic Era at the end of the 19th century to the contemporary scene. Representative

choreographers, dance theories, trends and personalities are discussed. The course includes film shows and subsequent seminar discussion related to the films, as well as practical workshops for exploring movement concepts and styles. Attendance at dance performances is required.
SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

DAN 105 - Dance Concepts I

Corequisites: DAN 140.

Description: This is the first course in the DAN 105-106 sequence. The use of improvisation to introduce and develop elements of dance composition through exploration of the factors of space, rhythm and dynamics; solo and group studies. Additional independent studio hours are required (3 hours).
SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Theatre & Dance

DAN 106 - Dance Concepts II

Prerequisites: DAN 105.

Description: The use of improvisation to introduce and develop elements of dance composition through exploration of the factors of space, rhythm and dynamics; solo and group studies. Additional independent studio hours are required (3 hours).
SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Theatre & Dance

DAN 109 - Movement for Musical Theatre

Description: Training for movement for musical theatre with emphasis in modern jazz and tap (3 hours).

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 117 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 110-111) This is the first course in the DAN 117-118 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble Productions.
SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 118 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 110-111) This is the second course in the DAN 117-118 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble Productions.
SUNY EN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 125 - A Survey of the Art of African American - Dancers and Choreographers

Description: (Dual listed with AFR 112) An introduction to the contributions of African American creative and performing artists to the development of social and theatrical dance in America. Classroom demonstrations by representative artists and field trips to dance concerts are part of the curriculum.
SUNY GEN ED-GART, GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

DAN 126 - Introduction to Modern Dance

Description: Studio work in basic dance techniques; movement and combinations explored and analyzed with emphasis on elements of space, energy and time. The aim: to develop (1) body awareness; (2) the ability to control and direct one's own body in organized rhythmic movement; (3) organic dance movement and an individually expressive body. No previous experience necessary. The course substitutes for one credit of physical education activity. Attendance at off-campus dance productions required (3 hours).
SUNY GEN ED-GART; NCC GEN ED-PED, HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 127 - Modern Dance I

Prerequisites: DAN 126 or permission of the instructor.

Description: This is the first course in the DAN 127-128 sequence. Training in modern dance techniques to develop (a) the body as a performing instrument, and (b) an awareness of the movement principles and aesthetic elements of specific dance studies (3 hours).
SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Theatre & Dance

DAN 128 - Modern Dance II

Prerequisites: DAN 127.

Description: This is the second course in the DAN 127-128 sequence. Training in modern

dance techniques to develop (a) the body as a performing instrument, and (b) an awareness of the movement principles and aesthetic elements of specific dance studies (3 hours).
SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 2

Department: Theatre & Dance

DAN 129 - Rehearsal and Performance

Prerequisites: for Dance A.A. students only or permission of Chairperson.

Description: This is the first course in the DAN 129-132 sequence. Study and performance of selected choreographed works and new works which may be traditional, contemporary or experimental in concept and structure. (Available for one credit each semester to be taken in a four-semester sequence.)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 130 - Rehearsal and Performance

Prerequisites: Permission of instructor.

Description: This is the second course in the DAN 129-132 sequence. Study and performance of selected choreographed works and new works which may be traditional, contemporary or experimental in concept and structure. (Available for one credit each semester to be taken in a four-semester sequence.)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 131 - Rehearsal and Performance

Prerequisites: Permission of instructor.

Description: This is the third course in the DAN 129-132 sequence. Study and performance of selected choreographed works and new works which may be traditional, contemporary or experimental in concept and structure. (Available for one credit each semester to be taken in a four-semester sequence.)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 132 - Rehearsal and Performance

Prerequisites: Permission of instructor.

Description: This is the fourth course in the DAN 129-132 sequence. Study and performance of selected choreographed works and new works which may be traditional, contemporary or experimental in concept and structure. (Available for one credit each

semester to be taken in a four-semester sequence.)
SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 140 - Elementary Modern Dance Technique and Ballet

Description: This is the first course in the DAN 140-141 sequence. The elementary dancer learns the basic disciplines in dance as a performing art and acquires the knowledge and understanding of the movement principles underlying these skills.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

DAN 141 - Elementary Modern Dance Technique and Ballet

Prerequisites: DAN 140.

Description: This is the second course in the DAN 140-141 sequence. The elementary dancer learns the basic disciplines in dance as a performing art and acquires the knowledge and understanding of the movement principles underlying these skills.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

DAN 217 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 113)
This is the first course in the DAN 217-218 sequence. Participation in the production, rehearsal and performance of the African-American dance ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 218 - African American Dance Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 114)
This is the second course in the DAN 217-218 sequence. Participation in the production, rehearsal and performance of the African American Dance Ensemble Productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

DAN 240 - Intermediate Modern Dance Technique and Ballet

Prerequisites: DAN 140 and DAN 141.

Description: This is the first course in the DAN 240-241 sequence. The intermediate

dancer works to develop the technical skills and understanding essential to performance of modern dance and ballet works.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

DAN 241 - Intermediate Modern Dance Technique and Ballet

Prerequisites: DAN 240.

Description: This is the second course in the DAN 240-241 sequence. The intermediate dancer works to develop the technical skills and understanding essential to performance of modern dance and ballet works.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

Economics

ECO

ECO 100 - Survey of Economics

Description: A survey of the basic principles of economics, with application to contemporary issues. Operation of markets, determination of national income and its measurements, the role of financial markets, monetary and fiscal policies, and international trade are to be considered, as well as their impact upon the economy, individuals, and businesses. Business majors should take ECO 207-208.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 110 - Personal Finance

Description: (Dual listed with FIN 110)
Personal Finance prepares students to manage their current and future financial affairs.

Topics to be covered include: financial planning, saving and credit, insurance, government transfers, home buying, stocks, bonds, mutual funds, and estate planning. This is a practical and sophisticated course intended to aid students with their personal finances.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 111 - Introduction to Finance

Description: This course offers an introduction to financial decision making and the basic structure of institutions in contemporary financial markets. Topics include time value of money, risk and return, investment types, the role of government regulation, the influence of globalization in contemporary financial markets and evaluation

of financial performance and return. The role of ethics in financial decision making and institutional policy will be discussed. Internet and data base research will be used to support the course curriculum and help the student develop the necessary skills to analyze realistic scenarios used in financial markets.

Credit Hours: 3

Department: Economics and Finance

ECO 112 - Introduction to Investments

Description: (Dual listed with FIN 112)

An introduction to financial investments and portfolio management. Course topics include: financial markets and instruments, reading financial listings, stock trading and indexes, risk analysis, present and future value, stock valuation and investment decisions, portfolio management, individual and portfolio yields, types and uses of derivatives, sources of investment information, mutual funds, international diversification, the macroeconomy and the impact of economic variables on investments.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 207 - Principles of Macroeconomics

Prerequisites: Students must have satisfied all remediation in MAT.

Description: An introductory course which views the behavior of the economy as a whole and the problems of economic organization. Students will explore the fluctuations of output and prices. Problems and measurement of economic growth, inflation, unemployment and income will be discussed. Money, credit and financial institutions will be analyzed, as well as their impact on fiscal policies and international trade.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 208 - Principles of Microeconomics

Prerequisites: Students must have satisfied all remediation in MAT.

Description: Overview of the economic problem, the traditional value theory, division of labor and its application to international trade. Analysis dealing with the behavior of individual elements in the economy. Organization of business, the various market structures, the theory of consumer behavior, price determination in the product and factor markets. Historic perspective of unions and their impact on the economy will be considered.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 212 - Economic Statistics

Prerequisites: MAT 102 or permission of instructor.

Description: An introduction to economic statistics. Topics covered include review of statistical inference, time series analysis, index numbers and introduction to econometrics.

This course will help students understand the construction and uses of business, government and other social statistics. Topics will include the CPI, GNP, and risk analysis.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 213 - Money and Banking

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with FIN 213) Basic concepts of money and financial intermediaries. Development of commercial banks and the creation of demand deposits. Yield, risk, and interest rates will be analyzed from a monetary and fiscal perspective. Functions and policies of the Federal Reserve in credit regulation and economic stabilization will be analyzed. Monetary Theory, Keynesian vs. Monetarists, international finance, exchange rates and the balance of payments will be examined.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 214 - Corporation Finance

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with FIN 214) An introductory course describing the role and functioning of business firms in the economy, and the application of economic theory in the solution of managerial decisions. Topics investigated include the management of cash, inventories and receivables; selection of alternative investments; short, intermediate, and long-term sources of financing; the cost of capital, optimum capital structure; corporate dividend policies. Case problems are assigned to develop applications of general principles.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 215 - Economic Development of the U.S. (Economic History)

Description: The economic forces which brought the United States from an undeveloped wilderness to its present position of world leadership will be examined. The role of economic institutions will be considered in the transformation of our nation into a highly centralized, interdependent society.

The economic, social, and political problems concomitant with this development will also be studied.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: Economics and Finance

ECO 216 - Economics fo the Developing World

Prerequisites: ECO 207.

Description: This course is an introductory study of the economic development of Third World countries. It focuses on the role of education, health, human resources, planning, income distribution, food supplies, natural resources and international trade in nations' development. Students will work with data, graphs and maps. Students will learn to identify and understand the differences between developed and developing nations, their respective development patterns, as well as the impact of increasing global interdependence.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, PLDI

Credit Hours: 3

Department: Economics and Finance

ECO 218 - International Economic Systems: A Study Abroad

Prerequisites: ECO 207 or ECO 208 and permission of instructor.

Description: An in-depth and comparative study of the structure, conduct and performance of alternate economic systems. Students will study the economic and financial institutions and public policies of selected economic systems. The course is offered abroad for six weeks in the summer only. For additional information, contact the Department of Economics/Finance.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, GLNW, WESH

Credit Hours: 6

Department: Economics and Finance

ECO 220 - American Banking Practice

Prerequisites: ECO 213 or permission of instructor.

Description: (Dual listed with FIN 220) The purpose is to provide the student with an insight into the organization and internal operation of various departments of a bank.

Concentration on what a bank does, rather than the exact procedure of how it works, is the core of this course.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 222 - Economic Geography of the World

Description: Discussion of basic world economic activities, including supply and distribution of natural resources, technology of production, and productivity of labor.

SUNY GEN-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

ECO 230 - Introduction to International Economics and Finance

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with FIN 230) A study of the United States as an open economy which trades in goods, services and financial assets with other nations. Topics include the reasons nations trade; the costs and benefits of free trade; tariff and non-tariff barriers; regional trade pacts; economic and monetary integration; foreign exchange rate determination; balance of payment problems and international capital mobility; and international monetary institutions.

SUNY GEN ED-GSBS; NCC GEN ED-WESH, SBS

Credit Hours: 3

Department: Economics and Finance

ECO 280 - History of Economic Thought

Description: General examination of ancient and medieval economic institutions with special emphasis on its modern relevance. Specific study of economic thought and practice of mercantilism, physiocrats, classical economics, 19th century socialist dissent, neoclassical and modern schools of economics and its contemporary significance. This study directs students' attention, whatever their field of interest, to man's economic world and the forces that are shaping it.

SUNY GEN ED-n/a; NCC GEN ED-WESH, SBS

Credit Hours: 3

Department: Economics and Finance

ECO 490 - Cooperative Education Internship

Prerequisites: ECO 207 and one other ECO or FIN course and permission of the instructor.

Description: (Dual listed with FIN 490)

Supervised, practical experience at institutions such as commercial banks, thrift institutions, stock and bond brokerage houses, government agencies and firms employing economic practitioners that will provide students with situations in which they can apply concepts learned in previous Economics and Finance courses. Written reports demonstrating understanding of theory and its application will be an integral aspect of this course. Field experience and future career opportunities will be discussed in co-lateral, on-campus class. Prerequisite for this course is the completion of Economics 207 plus one other economics or finance course and permission of the instructor. Students must have, as a minimum, a 2.50 GPA to be enrolled in this internship course.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 4

Department: Economics and Finance

Education

EDU

EDU 101 - Applied Behavior Analysis: Field Experience I

Prerequisites: Permission of Chairperson.

Description: A systematic examination of facilities for the education of special education children. Emphasis is placed upon developing the student's understanding of applied behavior analysis, atypical vs. typical development, the analysis of human behavior and techniques for behavioral change, and developmentally appropriate curriculum. Field experience is designed to provide the student with opportunities for observation and participation in public and private schools for a minimum of three hours a week. (3 lecture, 3 laboratory hours). Students who have taken SEV 101 will not receive credit for EDU 101.

SUNY GEN ED-n/a; NCC GEN ED-N/a

Credit Hours: 4

Department: Multidisciplinary Studies

EDU 102 - Applied Behavior Analysis: Field Experience II: Practicum

Prerequisites: EDU 101 and permission of Chairperson.

Description: Supervised field experience in preschool-12th grade classes within both special and regular education classes for a minimum of 9 hrs. per week. Students will be required to demonstrate competence in developmentally age-appropriate curriculum and behavioral programs. Lecture is devoted to discussion of problems encountered on field experience. (1 lecture, 9 laboratory hours)

Students who have taken SEV 102 will not receive credit for EDU 102.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Multidisciplinary Studies

EDU 104 - Infants and Toddlers

Description: Will explore programs, curricula for the care of children ages 6 weeks through the second year who are in group care settings. Appropriate techniques for fostering the emotional, physical, social, and cognitive development of the very young will be examined. Field visits to infant and toddler programs will be required. Students who have taken SEV 104 or NED 106 will not receive credit for EDU 104.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

EDU 105 - Introduction to Developmental Disabilities

Prerequisites: PSY 203 and PSY 213.

Description: This course will provide an overview of developmental disabilities and the nature and needs of disabled people throughout the life cycle. Issues to be explored include definition of developmental disability, etiology, normalization, mainstreaming, and the role of the interdisciplinary team. Legal, ethical and cultural considerations will be emphasized as well as the impact of disabilities on the person affected, the family and the community. Students who have taken SEV 105 will not receive credit for EDU 105.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

EDU 206 - Educational Psychology

Prerequisites: PSY 203.

Description: (Dual listed with PSY 206) This course is intended to provide knowledge and understanding of the major theories and findings of the science of Educational Psychology. The course includes a consideration of such topics as: research methods in educational psychology; the cognitive, personal, social and moral development of students; the impact of student diversity on teaching and learning; the principles and processes of learning; motivational concerns in education; classroom management; techniques of teaching; and methods of assessing student learning. Students who have taken PSY 206 will not receive credit for EDU 206.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Multidisciplinary Studies

EDU 208 - Foundations of Education

Prerequisites: PSY 203 and PSY 212 or PSY 213.

Description: This introductory course presents an overview of the historical, philosophical, sociological and pedagogical influences on American education. Prominent figures who have shaped education and Supreme Court cases that have influenced educational policy are examined. Major trends in contemporary education are analyzed with special focus on multicultural and inclusive education. Students who have taken PSY 208 will not receive credit for EDU 208.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Multidisciplinary Studies

EDU 235 - Psychology of the Exceptional Child

Prerequisites: PSY 203 and PSY 212 or PSY 213.

Description: (Dual listed with PSY 235) Psychological development and problems of mentally retarded, physically handicapped, maladjusted, disturbed, sensory disabled, gifted and developmentally disabled children and adolescents. Students who have taken PSY 235 or SEV 103 will not receive credit for EDU235.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Multidisciplinary Studies

Electrical Engineering Technology

ELT

ELT 103 - Elementary Engineering I

Description: An introductory course in the art of engineering designed to acclimate the students to the engineering profession and to acquaint them with the techniques and methodology of engineering design. The "design" aspect of the course consists of an introduction to computer integration (as it applies to the engineering profession), graphical techniques, and design oriented problems using analysis software. The objectives of the design section entail the generation of engineering related problems. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Engineering/Physics/Tech

ELT 110 - Technical Practices

Description: An introductory study of the technical practices employed in the electronics industry, with particular emphasis on the design and construction of metal chassis, printed circuit boards, proto boards, component identification and hand tool usage to be developed by the construction of technical projects. (Every student must complete the electronic projects for completion of the course. The proto board and projects will be used in other ELT courses when completed.) Approximate cost: \$80. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Engineering/Physics/Tech

ELT 112 - Resistive Circuits

Corequisites: MAT 109.

Description: An introductory resistive circuits course employing applied mathematics for circuit analysis. The fundamental concepts of current, voltage and resistance are the major components of the course. Ohm's law, Kirchhoff's laws, voltage division, current division, Thevenin's theorem, superposition, and mesh/node analysis are included as methods of analyzing resistive circuit parameters. The laboratory segment of the course provides instruction on electronic measuring equipment and practical circuit investigations. Analog and digital multimeters, power supplies, function generators, and the oscilloscope are included. Laboratory fee applies.

SUNY GEN ED-n/a; NCC gen ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

ELT 113 - Electronics I

Prerequisites: ELT 112.

Description: This course begins a sequence of two courses in electronics. Semiconductor physics is introduced with applications of the semiconductor diode to rectification, clipping and clamping. The junction transistor is studied with special regard given to biasing techniques, small and large signal amplification. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

ELT 115 - Reactive Circuits

Prerequisites: ELT 112.

Description: Steady state response of circuits containing resistive, capacitive, and inductive elements subject to sinusoidal excitation. Transient responses of these circuits subject

to step or pulse excitation. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

ELT 203 - Automatic Control Theory II

Description: This course introduces the concepts of applied electronic instrumentation and automatic control. Computer analog and digital instrument circuits, and computer interface concepts are introduced during the course of study. The laboratory reinforces industrial instrumentation applications for DC control circuits using selected input/output devices. The introduction of open and closed loop position control systems (servo system, stepper motors, and robotic systems) is also included. (Each student is responsible for the implementation of an electronic control circuit project.) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

ELT 213 - Electronics II

Prerequisites: ELT 113.

Description: A continuation of ELT 113 beginning with a study of multi-stage amplifiers, Bode diagrams and the frequency response of amplifiers. The Operational Amplifier and its more common applications are considered in detail. Filters, electronic communication concepts and some special topics conclude the sequence. Students work in teams to implement and present an electronics project as part of their laboratory experience. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

ELT 214 - Digital I

Prerequisites: ELT 112.

Description: An introduction to Boolean algebra, Karnaugh minimization and the analysis/design of digital networks including arithmetic circuits, counters, registers and memories. In addition, basic hardware items such as multivibrators, Schmitt triggers, and integrated circuits are analyzed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

ELT 215 - Digital II

Prerequisites: ELT 214.

Corequisites: ELT 217.

Description: Introduction to pulse analysis (integrators and differentiators) as well as transistor switch, bistable, monostable, integrated circuits (DTL, TTL, ECL, MOS, CMOS, HMOS, VMOS, CCD) LSI (dynamic shift register, memory-ROM, RAM) CP AMF and Modems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

ELT 217 - Lab in Digital Electronics

Prerequisites: ELT 214.

Corequisites: ELT 215

Description: Examination of basic logic components such as gates, counters, clocks, registers, and computing elements by constructing and monitoring complex digital systems. (3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Engineering/Physics/Tech

ELT 310 - Advanced Topics in Digital Technology

Prerequisites: ELT 215 or permission of Department Chairperson.

Description: Theory and operation of microprocessors and peripherals, industrial and control systems applications of digital technology, machine and assembly language programming. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

ELT 330 - Electronic Communications

Prerequisites: ELT 213.

Description: This course deals with the methods and signals used to electronically transmit and receive information. Topics include a study of continuous modulation techniques such as AM, FM, PM, as well as a variety of Pulse Modulations methods. Included are selected topics in electronic communication systems and their controls. Students receive hands-on experience in the laboratory and a working knowledge of the basic bench instrumentation commonly used within the communications industry, including signal generators, modulators, oscilloscopes and spectrum analyzers. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

English

ENG

ENG 001 - College Preparatory English

Description: This course provides intense instruction in small classes to enable underprepared students to meet the demands of college-level writing. Specifically, students practice basic writing skills in preparation for the requirements of English 101 (See catalog description of English 101.) English 001 curriculum is designed to teach writing as a process encompassing pre-writing exercises, drafting, revising, and editing, but it is also provides review and instruction in basic grammar, punctuation, sentence boundaries and structural and developmental issues related to basic composition. Freshmen assigned to English 001 must pass it before enrolling in ENG 101. English 001 is a pass/fail course with no withdrawals allowed. (Students with a foreign language background are referred to the descriptions below of ENG 030. Additionally, ESL sections of English 001 are offered to students in need of focused language acquisition work in writing.) The NCC Office of Lifelong Learning offers the W.R.I.T.E brush-up course (Writing Response Intensively Taught for Essays) for students whose writing placement indicates English 001, but not Reading 001. This fifteen hour, one week course, prepares students to retake the NCC Writing Placement test at the last brush-up session. As of Fall 2009 semester, students placed into English 001 may retake the placement only through the W.R.I.T.E. brush-up course. For more information and for application materials, please call 572-7472, or stop in at the NCC Office of Lifelong Learning; 355 East Road; Garden City, New York 11530. (3 lecture hours)
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: English

ENG 030 - English as a Second Language (ESL Writing III)

Prerequisites: Placement by Department.

Description: This course prepares students for English 101. Advanced language skills and flexibility with advanced sentence structures, vocabulary, and idiomatic expressions are stressed so that students develop correct, clear, and coherent self expression. Students practice a variety of essay structures with a focus on presenting a point of view and supporting it with evidence. By the end of the semester, students are expected to write developed, coherent essays and to substantively revise, proofread, and edit their work. The course is

also designed to develop in students the skills that enable them to interpret and analyze texts.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: English

ENG 101 - Composition I

Prerequisites: ENG 001, ENG 030 or placement by Department, RDG 001, concurrent enrollment in RDG 030 or placement by Department.

Description: This course prepares students to produce clear, well-developed, well-organized, grammatically correct writing. The curriculum is designed to give students guided practice in drafting, revising, and editing essays. The course is also designed to develop the skills that enable students to interpret and analyze published texts. In addition to readings assigned in class, students respond to texts they locate themselves through research and write at least one documented or research essay.
SUNY GEN ED-GBCM; NCC GEN ED-COMP

Credit Hours: 3

Department: English

Department: English

ENG 102 - Composition II

Prerequisites: ENG 101.

Description: This course is an introduction to writing about literature. The course is designed for students to practice close reading and organizing evidence to support their written interpretation and analysis of literary texts. The course offers students continued practice in drafting, revising, and editing essays. A primary goal for students is to produce clear, well-developed, well-organized, grammatical writing. For at least one essay, students use research materials.
SUNY GEN ED-GBCM; NCC GEN ED-COMP

Credit Hours: 3

Department: English

ENG 105 - Grammar: Structure and Strategy

Prerequisites: ENG 101 or ENG 108.

Description: This advanced course is for students who are interested in a close study of the grammatical structures of the English language. Fundamental patterns underlying sentence building, word usage, punctuation, and spelling are addressed through intensive practice and exercises.
SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: English

ENG 108 - The Craft of Composition (Honors)

Prerequisites: By invitation only.

Description: This course centers on the study of rhetorical form-narration, description, classification, process analysis, definition, comparison/contrast, cause/effect and problem/solution-and uses the essay form as its method of investigation. The course is designed to give students a critical awareness of language and to teach language techniques through extensive readings. This course fulfills the college requirement for the first semester of English composition.
SUNY GEN ED-GBCM; NCC GEN ED-COMP

Credit Hours: 3

Department: English

ENG 109 - The Art of Analysis (Honors)

Prerequisites: ENG 108 and/or by invitation.

Description: The second half of Honors English integrates literature-the introduction of poetry, fiction and drama- with further instruction in expository writing. The emphasis is on analyzing literature as a way of developing personal style. The course includes extensive readings of major literary figures whose works are the heritage of educated people. The course fulfills the College requirement for the second semester of English composition.
SUNY GEN ED-GBCM; NCC GEN ED-COMP

Credit Hours: 3

Department: English

ENG 111 - Technical Writing

Prerequisites: Completion of the composition requirement in the student's major.

Description: This course examines the principles of technical writing and enables students to learn writing skills required in the technical job market. Style, strategy, and format in published samples of technical and scientific writing are analyzed. Student writings include reports, proposals, memos, outlines, and abstracts. Regular attention is paid to grammar and techniques of revision.
SUNY GEN ED-GBCM; NCC GEN ED-n/a

Credit Hours: 3

Department: English

ENG 203 - Early American Literature to 1865

Prerequisites: ENG 102 or ENG 109.

Description: This course is a study of American literature from earliest times through the 1860s. It provides an understanding of the heritage of American culture as reflected

in Native American folklore, the works of the American Puritans and in writers such as Irving, Poe, Douglass, Emerson, Thoreau, Hawthorne, Melville, and Whitman. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-WESH, HUM, LIT

Credit Hours: 3

Department: English

ENG 204 - Modern American Literature from 1865 to Present

Prerequisites: ENG 102 or ENG 109, ENG 203 is not a prerequisite for this course.

Description: This course is a study of the changing visions of the American dream as depicted by major writers since the Civil War such as Twain, Dickinson, Crane, Hemingway, Fitzgerald, Walker, Updike, Baldwin, Morrison and Kingston. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-WESH, HUM, LIT

Credit Hours: 3

Department: English

ENG 205 - Early English British Literature to 1800

Prerequisites: ENG 102 or ENG 109.

Description: Students are introduced to the major English writers from the Anglo-Saxon period to the 18th century. Particular themes and ideas are seen in the context of the times of such writers as Chaucer, Shakespeare, Milton, Defoe, Swift, and Pope. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 206 - Modern British Literature from 1800 to Present

Prerequisites: ENG 102 or ENG 109, ENG 205 is not a prerequisite for this course.

Description: Students are introduced to major English writers from the late 18th through the early 21st centuries. Works of writers such as Wordsworth, Arnold, Dickens, Wilde, Woolf, Eliot, Yeats, Osborn, Lessing and Amis are studied in the context of their times and their literary and cultural values. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, WESH

Credit Hours: 3

Department: English

ENG 207 - African American Literature I

Prerequisites: ENG 102 or ENG 109

Description: (Dual listed with AFR 130) his course covers development of African American literature from early slave narratives and folklore following the advent of the trans-Atlantic slave trade through the Revolutionary, pre- and post-Civil War periods, to the major literary flowering of the 1920s Harlem Renaissance. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 208 - African American Literature II

Prerequisites: AFR 130 or ENG 207 or permission of the African Studies Department.

Description: (Dual listed with AFR 130) This course examines intellectual currents in African American literature. The course explores themes and representative authors from the 1930s to the contemporary scene. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, PLDI

Credit Hours: 3

Department: English

ENG 209 - Modern Irish Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course examines outstanding works by major writers such as Yeats, Joyce, Shaw, O'Casey, O'Connor, Behan, and Beckett and their cultural background in relation to the Irish literary tradition. Writing is an integral component of the course.
SUNY GEN ED-GHUM; NCC GEN ED-WESH, HUM, LIT

Credit Hours: 3

Department: English

ENG 215 - Journalism

Prerequisites: ENG 101 or ENG 108.

Description: This course examines the principles and practices of journalism with emphasis on reporting and writing news, features, interviews, and editing; today's press is also examined. Because of the many writing assignments of this course, only students seriously interested in journalism should enroll.

SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: English

ENG 217 - Autobiographical Writing

Prerequisites: ENG 102 or ENG 109.

Description: Students read representative examples of autobiography which serve as models and inspiration for their own writing. Writing assignments include frequent journal writing and formal essays in which students use skills such as narration, description, and analysis to explore their world and examine their own ideas.

SUNY GEN ED-GART; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 220 - Mythology and Folklore

Prerequisites: ENG 102 or ENG 109.

Description: This course is a study of the mythological roots of literatures such as Greek, Roman, Indian and African mythology, tales from the Bible, and folk material such as ballads, fables, and proverbs. Myths and symbols are traced from their early sources through the 21st century. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 222 - Latin American Literature

Prerequisites: ENG 102 or ENG 109.

Description: (Dual listed with LAS 222) This course introduces students to the range of traditions that comprise the literatures of Latin America. It will examine literary productions in specific cultural and historical contexts. Spanish, Portuguese, and Francophone literature, as well as indigenous works from such countries as Brazil, El Salvador, Argentina, Cuba, Puerto Rico, and Mexico will be studied in translation. Writing is an integral component of this course. This course may not be used for foreign language credit.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, PLDI

Credit Hours: 3

Department: English

ENG 225 - Introduction to Linguistics and Semantics I

Prerequisites: ENG 101 or ENG 108.

Description: This course is a study of basic aspects of language-phonology, morphology, semantics- and other topics such as regional, social, and gender differences.
SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: English

ENG 226 - Introduction to Linguistics and Semantics II

Prerequisites: ENG 101 or ENG 108.

Description: This course examines grammatical systems and linguistic theory with primary emphasis upon first and second language acquisition.

SUNY GEN ED-GBCM; NCC GEN ED-HUM

Credit Hours: 3

Department: English

ENG 227 - South Asian Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course will introduce students to the diverse literatures of South Asia. It will provide an understanding of the literary and cultural traditions of the sub-continent: classical, Islamic, European, and postcolonial. This course will include texts in English and in translation from such countries as India, Pakistan, Bangladesh, Nepal, Sri Lanka, and Tibet. Writing is an integral component of this course.

SUNY GEN ED-GHUM; NCC GEN ED-GLNW, HUM, LIT

Credit Hours: 3

Department: English

ENG 228 - Asian American Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course surveys the development of the literature by writers of Asian ancestry living in the United States, from the early 1900s to the present. It examines the historical, social and cultural contexts that produced these writings, and the backgrounds for the varied ethnic groups, including Chinese American, Japanese American, Filipino American, Korean American, Vietnamese American, Indian and Pakistani American. Authors include Carlos Bulosan, John Okada, Maxine Hong Kingston, Bharati Mukherjee, Amy Tan. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-PLDI, HUM, LIT

Credit Hours: 3

Department: English

ENG 229 - Native American Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course examines narrative styles and themes in Native American literature, and focuses on its embodiment of traditional American Indian concepts of time, space, history, spirit, body, and community. How Native American literature adapts oral literature and its traditions to the requirements of written literature is central to the course. It also studies myth, pastiche, and humor as literary modes employed to challenge stereotypical depictions of "the Indian" in

dominant Western culture. Authors include: N. Scott Momaday, Leslie Marmon Silko, Louise Erdrich, Greg Sarris, Sherman Alexie, James Welch and Paula Gunn Allen. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 231 - Mystery and Detective Fiction

Prerequisites: ENG 102 or ENG 109.

Description: Several types of popular fiction, for example, the gothic mystery, the classic puzzle, hard boiled and pulp fiction are examined with regard to their origin and development. Writers such as Poe, Doyle, Sayers, Christie, Hammett, Chandler, and Stout are among the writers considered. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 233 - Studies in Science Fiction

Prerequisites: ENG 102 or ENG 109.

Description: This course examines the genre from its beginnings to the present. Fantasy and futuristic representations of social, political, technological, and environmental issues are considered. Authors such as Wells, Verne, Orwell, Huxley, Vonnegut, Bradbury, Clarke, Heinlein, Asimov, and LeGuin are studied. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 236 - The Literature of the Bible

Prerequisites: ENG 102 or ENG 109

Description: This course is a study of the Bible in English translation: its forms, themes, art, and unity; its literary and historical meaning; and its influence on English and American literature. Examined as a literary text, the Bible is read in light of its contribution to our culture. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 243 - Gay and Lesbian Literature

Prerequisites: ENG 102 or ENG 109.

Description: Through the study of selected literary works, the course will provide a

background in gay identity theory and examine 20th-century classification of people into the categories of "gay" or "straight." Selections from classical Greece to present day literature, with emphasis on their historical context, will present issues about the definition, experience, and acceptance of lesbian and gay people.

Writing is an integral component of the course. SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 247 - Women in Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course examines the image of women in literature across centuries and cultures. Different literary genres and critical approaches address stereotypical and mythical portrayals. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 248 - Women Writers

Prerequisites: ENG 102 or ENG 109

Description: Students explore the variety of literature written by women from various cultures. The course analyzes the point of view and the changing status of the woman writer in contemporary times. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 251 - Film and Literature

Prerequisites: ENG 102 or ENG 109

Description: This course compares different techniques and effects of literature and film. Students explore genre, form, structure, symbolism, myth, and convention in both media. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 261 - Literature of the Holocaust

Prerequisites: ENG 102 or ENG 109.

Description: This course introduces students to the response of creative writers to the Nazi plan to destroy European Jewry between 1933 and 1945. Students read an international spectrum of writers and are introduced to the diversity of literary styles writers use to

examine and convey the consequences of genocide. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT PLDI

Credit Hours: 3

Department: English

ENG 263 - The Modern American Short Story

Prerequisites: ENG 102 or ENG 109

Description: This course is a study of the American short story as it developed in the 19th century through the present. Stories reflect a wide variety of issues from those following the Civil War to those of contemporary life. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 265 - Modern American Poetry

Prerequisites: ENG 102 or ENG 109.

Description: This course studies the diversity of American poetry from the 19th century to contemporary times. Analysis of the texts, with reference to contemporary trends and ideas, is emphasized. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 267 - Satire

Prerequisites: ENG 102 or ENG 109.M

Description: This course examines how satire is used to comment on human behavior and critique society. Selections from Aesop, Juvenal, Horace, Swift, and Twain, as well as from contemporary media are studied. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 271 - Psychoanalytic Approaches to Literature

Prerequisites: ENG 102 or ENG 109.

Description: Students read and analyze the impact of psychoanalytical theory on works of literature, focusing on issues such as human consciousness and behavior. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 281 - Nature in Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course examines literature that considers the relationship between human beings and the natural world. It includes works that focus on conservation and ecology. It also explores how science relates to literary art. Representative selections include the Bible, medieval poetry and plays, pastoral poetry, plays by Shakespeare, and such writers as Gilbert White, Mary Shelley, Ralph Waldo Emerson, Charles Darwin, Henry David Thoreau, Thomas Hardy, Isak Dinesen, Farley Mowat, Edward Abbey, Annie Dillard, Barry Lopez, Leslie Mamon Silko, and Linda Hogan. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 298 - Comedy: Theory and Development

Prerequisites: ENG 102 or ENG 109.

Description: This course examines comedic genres such as farce and parody and emphasizes their historical development in works from various cultures. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 300 - Shakespeare on Stage and Page

Prerequisites: ENG 102 or ENG 109.

Description: (Dual listed with THR 300) This interdisciplinary course, team-taught by members of the English and Theatre Departments, offers a performance-oriented view of Shakespeare's plays. Students see films and videotapes as well as perform segments of the plays in class. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 301 - Shakespeare's Comedies and Histories

Prerequisites: ENG 102 or ENG 109.

Description: This survey course teaches how to read Shakespeare's comedy and history plays by exploring character, theme, imagery, and poetic technique in plays such as *A Midsummer Night's Dream*, *Twelfth Night*, *The Tempest*, *Richard II*, *Henry IV*, and *Richard*

III. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 302 - Shakespeare's Tragedies

Prerequisites: ENG 102 or ENG 109.

Description: This survey course teaches how to read Shakespeare's tragedies by exploring the concept of the tragic hero, imagery, theme, and poetic technique in plays such as *Macbeth*, *King Lear*, *Romeo and Juliet*, *Julius Caesar*, *Othello*, and *Hamlet*. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT WESH

Credit Hours: 3

Department: English

ENG 305 - Modern American Novel

Prerequisites: ENG 102 or ENG 109.

Description: Selected modern and contemporary authors such as Gilman, Dreiser, Fitzgerald, Hemingway, Wright, Ellison, Morrison, Bellow, Malamud, Mailer, Angelou, and Desai are studied in relation to the historical and intellectual background of their times. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-PLDI, HUM, LIT

Credit Hours: 3

Department: English

ENG 309 - Modern British and American Drama

Prerequisites: ENG 102 or ENG 109.

Description: This survey of British and American drama from the 20th century to the present encompasses a variety of aesthetic, political, and philosophical interests: social Darwinism, Freudian psychology, existentialism, the theatre of the absurd, minimalism, feminism, and the perspectives of Civil Rights' Movements. Representative playwrights might include Eugene O'Neill, Langston Hughes, Samuel Becket, Harold Pinter, Tom Stoppard, Luis Valdez, Adrienne Kennedy, and August Wilson.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 311 - Masterworks of Literature I

Prerequisites: ENG 102 or ENG 109, and by invitation only.

Description: Students read selected masterpieces of world literature, such as the *Iliad* and *Odyssey*, the Bible, the *Ramayana*, *Divine Comedy*, the *Canterbury Tales*, the *Tale of Genji* and Shakespeare's plays. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-LIT, HUM

Credit Hours: 3

Department: English

ENG 312 - Masterworks of Literature II

Prerequisites: ENG 102 or ENG 109, and by invitation only.

Description: Students read selected masterpieces of world literature from the Renaissance through modern times, such as *Paradise Lost*, *The Dream of the Red Chamber*, *Madame Bovary*, *Crime and Punishment*, *A Hundred Years of Solitude*, *The Stranger*, and *Things Fall Apart*. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 313 - Creative Writing

Prerequisites: ENG 102 or ENG 109

Description: This course, conducted as a workshop, is for students interested in exploring their writing style through practice in writing within the three basic imaginative genres: fiction, poetry, and drama. Classes will focus on critiques of student work and on assigned readings in these genres and their conventions as models.

SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: English

ENG 314 - Studies in Children's Literature

Prerequisites: ENG 102 or ENG 109.

Description: This course is a study of children's literature as it responds to children's aesthetic as well as developmental needs. A variety of prose and poetic genres are examined, including fables, fairy tales, fantasy, and others. Writing is an integral component of the course.

SUNY GEN ED-GART; NCC GEN ED-HUM, LIT

Credit Hours: 3

Department: English

ENG 316 - Play and Screen Writing

Prerequisites: ENG 102 or ENG 109 and permission of instructor or Department Chair.

Description: This course, conducted as a workshop, teaches students to write character-driven scripts for the stage and more visual scripts for the screen. In addition to students' works in progress, dramatic texts from classic and contemporary playwrights and screen writers are analyzed and discussed, and films are viewed in class. Students are expected to participate in a project, such as a literary magazine, dramatic reading, newsletter, radio show, or filmmaking. Alternates with ENG 317 and ENG 318.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: English

ENG 317 - Fiction Writing

Prerequisites: ENG 102 or ENG 109 and permission of instructor or Department Chair.

Description: This course, conducted as a workshop, enables developing fiction writers to discover their unique voices as storytellers and to use them to full effect. Written exercises and analyses of published fiction are used to explore narrative techniques such as characterization, scene construction, and point of view. Students are expected to participate in a project, such as a literary magazine, dramatic reading, newsletter, or radio show. Alternates with ENG 316 and ENG 318.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: English

ENG 318 - Poetry Writing

Prerequisites: ENG 102 or ENG 109 and permission of instructor or Department Chair.

Description: This course, conducted as a workshop, teaches students to give poetic shape to their writing through discussions of imagery, open and closed forms, tone, meter, rhyme, and voice. The students' works in progress and examples of published poems are analyzed to illustrate the facets of the craft. Students are expected to participate in a project, such as a literary magazine, poetry reading/performance, or radio show. Alternates with ENG 316 and ENG 317.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: English

ENG 490 - Cooperative Education Internship

Prerequisites: One of the following: ENG 111, ENG 200, ENG 215, ENG 216, or ENG 313 and permission of the Department Chair.

Description: By matching internships with pertinent class work in English, students will study the connection between the practical experience in the workplace with the theoretical concepts explored in the appropriate classroom setting. Occupational titles for which internships are appropriate may include Fact Finder, Copy Editor, Reporter, Photo Caption Editor, Columnist, Production Manager, and Report Writer.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: English

Engineering Science

ENS

ENS 101 - Graphics

Description: Graphical techniques of design utilizing instrument drawing and free hand sketching are introduced. Principles of projection, isometrics, sections, auxiliary views, as well as floor plans and elevations are used as examples.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Engineering/Physics/Tech

ENS 103 - Elementary Engineering I

Description: An introductory course in the art of engineering designed to acclimate the students to the engineering profession and to acquaint them with the techniques and methodology of engineering design. The "design" aspect of the course consists of an introduction to computer programming (as it applies to the engineering profession), graphical techniques, and design oriented problems. The objectives of the design section entail the generation of engineering related problems. (3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Engineering/Physics/Tech

ENS 104 - Computational Methods in Engineering

Prerequisites: MAT 122, PHY 122 or permission of instructor.

Description: This is a second-semester course in computational methods. This course is intended for students in engineering and applied science. Emphasis is placed on solving engineering related problems through the use of current industry accepted high level programming languages. Analytical as well

as approximate solutions are stressed in this course. Students are expected to spend additional time outside of the classroom to complete class assignments and projects. (1 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: *Engineering/Physics/Tech*

ENS 105 - Introduction to CAD

Prerequisites: ENS 101 or permission of the department chairperson.

Description: An introduction to computer-aided drafting (CAD) designed to acquaint the student with the fundamental nature of computer-aided design and basic operational commands. Students will learn how to use a current version of AutoCAD to prepare two-dimensional drawings for architecture, interior design, engineering and construction management. (1 lecture, 3 laboratory hours) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: *Engineering/Physics/Tech*

ENS 205 - Statics

Prerequisites: MAT 122.

Corequisites: PHY 122.

Description: Introduction to applied vector algebra, force systems, equilibrium. Analysis of structures and machines. Friction, centroids, and moment of inertia.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Engineering/Physics/Tech*

ENS 206 - Dynamics

Prerequisites: PHY 122.

Description: Kinematics of a particle, relative velocities and acceleration, moving coordinate systems, dynamics of a particle, dynamics for systems of particles, kinematics and kinetics of rigid bodies. Euler's Equations, work-energy and impulse-momentum techniques, and introduction to vibrations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Engineering/Physics/Tech*

ENS 207 - Mechanics of Materials

Prerequisites: ENS 205.

Description: Introduction to mechanics of materials stress and strain, stress-strain-temperature relations, torsion, bending, deflection, stability, buckling. Computer methods in structural analysis.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Engineering/Physics/Tech*

ENS 225 - Engineering Circuit Analysis I

Prerequisites: MAT 123.

Description: Introduction to circuit analysis consisting of free and forced response of simple networks and various methods of analysis, frequency variation and resonance, complex frequency variable, two-part networks, transformers, computer solutions (analog and digital), Fourier series, Laplace transform and transform networks. (3 lecture, 3 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: *Engineering/Physics/Tech*

ENS 226 - Engineering Circuit Analysis II

Prerequisites: ENS 225.

Description: A continuation of ENS 225. Topics include complex frequency response; parallel, series, and other resonance forms; magnetically coupled circuits; one and two-part networks; and Fourier analysis. The transient response of the RLC circuit to the step input will be covered by classical means. Laplace transforms will be introduced and applied toward the transfer functions $H(s)$ and the complete response. The laboratory will include AC models of active circuit elements. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: *Engineering/Physics/Tech*

ENS 230 - Engineering Thermodynamics

Prerequisites: PHY 123 and MAT 123.

Description: A first course in engineering thermodynamics, introducing fundamental thermodynamic variables, properties of pure substances and energy relationships. Analysis of open and closed systems based on the classical laws of thermodynamics; concepts of reversibility and entropy; power cycles and engines. A term project requiring the detailed analysis of power cycles will be assigned to each student. Knowledge of at least one high level programming language or simulation software is highly desirable.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Engineering/Physics/Tech*

ENS 301 - Computer Aided Drafting

Prerequisites: ENS 101.

Description: The student will develop mastery of producing general engineering-related

drawings using AutoCAD drafting package and solid modeling using Autoshade color rendering package on a personal computer. The student will learn to apply AutoCAD commands to produce two dimensional drawings. Advanced AutoCAD techniques will be explored and used to produce three dimensional drawings. Students will learn to apply shading and coloring techniques using Autoshade in their drawings. (3 laboratory hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: *Engineering/Physics/Tech*

Fashion Buying and Merchandising

FBM

FBM 110 - Fashion Advertising and Promotion

Description: This course introduces the various principles and methods of advertising and promotion used by producers, manufacturers, designers, and retailers in the fashion industry. Students will analyze how marketing objectives and strategies influence advertising and other forms of promotion. Students will prepare an advertising campaign while utilizing their acquired skills.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Marketing & Retailing*

FBM 120 - Introduction to the Fashion Industry

Description: This course provides an introduction to all aspects of the fashion industry: its history and current designer trends; textile and apparel production-how products are created, priced and promoted to the trade and the consumer; retail concepts; and the impact of globalization on the industry.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: *Marketing & Retailing*

FBM 121 - Introduction to Menswear

Description: A course introducing students to the specialized marketing practices used by domestic and foreign menswear manufacturers and distributors. Students analyze the development of lines of menswear merchandise, from design to consumer purchase. Included is an in-depth study of

design, production, sales, merchandising, and promotion techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 125 - Introduction to Import Buying

Description: Introduction to Import Buying provides students with an opportunity to learn about the rationale, problems, and opportunities of importing merchandise from various markets throughout the world. Included in the course of study will be the necessary preparatory practices, relevant import/export terminology, and governmental legislation and regulations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 130 - Fashion and Home Accessories

Description: Construction, quality and product features of leather, shoes, gloves, furs, jewelry, dinnerware, glassware, silverware and cosmetics are studied. The care, selection, promotion, and sales of these non-textiles are evaluated according to government regulations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 140 - Introduction to Interior Design

Description: A survey course exploring the various periods of furniture design with emphasis on complete room planning. Decorative arts studied include color and design, fabrics, window treatments, accessories, arrangements and harmony. Career opportunities in the home fashion field are emphasized.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 142 - Fashion Buying and Merchandising Field Training

Prerequisites: Permission of Department Chairperson.

Description: Students intern with fashion buying and merchandising firms to enrich the theoretical concepts previously learned in the classroom.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 150 - Fashion Coordination and Publicity

Description: The course presents the coordination of the merchandising of fashion through coordination and publicity. The activities of the fashion office are examined to show influences of wholesale and retail markets on the selling and promotion of fashion.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FBM 160 - Seminar in Contemporary Fashion Buying and Merchandising

Description: Merchandise students visit the market and attend seminars with representatives from the Fashion and Merchandising field. Students apply basic principles to the solutions of typical problems in Fashion and Retailing. Additionally, the dynamic skills of human resource management are developed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

Finance

FIN

FIN 110 - Personal Finance

Description: (Dual listed with ECO 110) Personal Finance prepares students to manage their current and future financial affairs. Topics to be covered include: financial planning, saving and credit, insurance, government transfers, home buying, stocks, bonds, mutual funds, and estate planning. This is a practical and sophisticated course intended to help students with their personal finances.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

FIN 111 - Introduction to Finance

Description: This course offers an introduction to financial decision making and the basic structure of institutions in contemporary financial markets. Topics include time value of money, risk and return, investment types, the role of government regulation, the influence of globalization in contemporary financial markets and evaluation of financial performance and return. The role of ethics in financial decision making and institutional policy will be discussed. Internet and data base research will be used to support the course curriculum and help the student develop the necessary skills to analyze realistic scenarios used in financial markets.

Credit Hours: 3

Department: Economics and Finance

FIN 112 - Introduction to Investments

Description: (Dual listed with ECO 112) An introduction to financial investments and portfolio management. Course topics include: financial markets and instruments, reading financial listings, stock trading and indexes, risk analysis, present and future value, stock valuation and investment decisions, portfolio management, individual and portfolio yields, types and uses of derivatives, sources of investment information, mutual funds, international diversification, the macroeconomy and the impact of economic variables on investments.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

FIN 213 - Money and Banking

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with ECO 213) Basic concepts of money and financial intermediaries. Development of commercial banks and the creation of demand deposits. Yield, risk, and interest rates will be analyzed from a monetary and fiscal perspective. Functions and policies of the Federal Reserve in credit regulation and economic stabilization will be analyzed. Monetary Theory, Keynesian vs. Monetarists, international finance, exchange rates and the balance of payments will be examined.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

FIN 214 - Corporation Finance

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with ECO 214) An introductory course describing the role and functioning of business firms in the economy, and the application of economic theory in the solution of managerial decisions. Topics investigated include the management of cash, inventories and receivables; selection of alternative investments; short, intermediate, and long-term sources of financing; the cost of capital, optimum capital structure; corporate dividend policies. Case problems are assigned to develop applications of general principles.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Economics and Finance

FIN 220 - American Banking Practice

Prerequisites: ECO 213 or permission of instructor.

Description: (Dual listed with ECO 220) The purpose is to provide the student with an insight into the organization and internal operation of various departments of a bank. Concentration on what a bank does, rather than the exact procedure of how it works, is the core of this course.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Economics and Finance

FIN 230 - Introduction to International Economics and Finance

Prerequisites: ECO 207 or permission of instructor.

Description: (Dual listed with ECO 230) A study of the United States as an open economy which trades in goods, services and financial assets with other nations. Topics include the reasons nations trade, the costs and benefits of free trade, tariff and non-tariff barriers, regional trade pacts, economic and monetary integration, foreign exchange rate determination, balance of payments problems and international capital mobility, and international monetary institutions.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Economics and Finance

FIN 490 - Cooperative Education Internship

Prerequisites: ECO 207 and one other ECO or FIN course and permission of the instructor.

Description: Supervised, practical experience at institutions such as commercial banks, thrift institutions, stock and bond brokerage houses, government agencies and firms employing economic practitioners that will provide students with situations in which they can apply concepts learned in previous Economics and Finance courses. Written reports demonstrating understanding of theory and its application will be an integral aspect of this course. Field experience and future career opportunities will be discussed in co-lateral, on-campus class. Prerequisite for this course is the completion of Economics 207 plus one other economics or finance course and permission of instructor. Students must have, as a minimum, a 2.50 GPA to be enrolled in this internship course.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 4

Department: Economics and Finance

French

FRE

FRE 101 - Beginning French I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of French speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

FRE 102 - Beginning French II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

FRE 201 - Intermediate French I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 101 or equivalent.

Description: First course of intermediate level. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

FRE 202 - Intermediate French II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 201 or equivalent.

Description: Second course of intermediate level. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

FRE 225 - French for Business

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 102 or permission of the instructor.

Description: Using print, video, and electronic media, this course offers students a practical knowledge of French business terminology and procedures. It will introduce students to such topics (in French) as commercial letter writing, telephone etiquette, filling out business forms, etc. Students will also learn how to deal with cultural aspects of the international business environment. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

FRE 301 - Advanced French I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 202 or equivalent.

Description: More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in French.

Laboratory fee applies. Laboratory attendance required. SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Foreign Languages

FRE 302 - Advanced French II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 202 or equivalent.

Description: More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in French.

Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-n/a

Credit Hours: 3

Department: Foreign Languages

Fire Science

FRS

FRS 101 - Introduction to the Fire Service

Description: This course is an introduction to the history and philosophy of the fire service. It reviews the career options that are available and examines the tactical and fire suppression responsibilities of the fire service.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

FRS 102 - Fire Safety and Tactics

Description: This course focuses on the safety measures that need to be incorporated at the fire scene. It also prepares the student to understand the importance of proper fire tactics and procedures that are needed to be employed by the fire service.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

FRS 201 - High Rise/ Structures and Systems

Description: This course is an introduction to the art of firefighting in High Rise buildings. It will expose the student to the unique problems that are present in large buildings. The students will learn how to utilize the fire protection and safety features that are in High Rise buildings.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

FRS 202 - Fire Protection and Detection Systems

Prerequisites: ENG 101, FRS 101, FRS 201.

Description: A study of Fire Protection and Fire Detection Systems, this course provides an overview of Life Safety Systems as they are applied in stores, schools, offices, hotels, motels, hospitals, and any place where people live or work. This course emphasizes the need for fire detection systems, fire notification devices, and fire suppression systems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

FRS 203 - Hazardous Materials in the Fire Service

Description: A study of Hazardous Materials, this course provides an overview of the laws, regulations, and standards associated with the Hazardous Materials incident response. This course emphasizes the need for: Hazardous Materials recognition and identification, information resource technology, protective actions to be taken, product control and air monitoring, terrorism awareness, and Hazardous Materials law enforcement activities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

Fashion Design

FSD

FSD 101 - Draping and Design I

Prerequisites: FSD 120 & permission of Instructor or Dept. Chairperson.

Corequisites: FSD 120 & permission of Instructor or Dept. Chairperson.

Description: Students learn fundamentals of draping in muslim on a dress form. Basic silhouettes as well as original designs are executed. Original sample garment is constructed. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Marketing & Retailing

FSD 102 - Draping and Design II

Prerequisites: FSD 101.

Description: Students learn to drape intricate garments. Projects include draping trousers, notch and shawl collar jackets, dolman sleeve, and skirt variations. Original design is executed from a sketch and a sample garment is constructed. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Marketing & Retailing

FSD 103 - Draping and Design III

Prerequisites: FSD 101, FSD 102 and FSD 110.

Description: Continuation of more advanced draping problems. Includes draping in a variety of fabrics. Original designs for lingerie, knitwear, tailored jacket and term garments are draped and constructed in fabric. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Marketing & Retailing

FSD 104 - Design Studio

Prerequisites: FSD 101 and FSD 102

Description: Further studies in draping include draping from designer sketches. An original line of garments, in an area of specialization, is designed, draped, constructed in fabric and costed. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Marketing & Retailing

FSD 110 - Flat Pattern Design I

Prerequisites: Permission of the Instructor

Description: Students develop the fundamentals of pattern-making using basic slopers. The bodice, skirt, sleeve and collar variations are executed to learn the variety of design options possible through flat pattern technique. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Marketing & Retailing

FSD 111 - Flat Pattern Design II

Prerequisites: FSD 110 or permission of the instructor.

Description: Further studies in advance patternmaking. Projects include tailored notch collar jacket, raglan and kimono sleeves, stylized armholes and trousers. Design variations on these projects are stressed. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Marketing & Retailing

FSD 120 - Garment Construction

Prerequisites: Permission of the instructor.

Description: Students learn the fundamentals of design room sewing techniques utilizing step samples to execute seam and hem finishes, bias and zipper applications and construction details used in industry. A sample garment is developed through the use of a basic pattern. Material cost and laboratory fees apply.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FSD 121 - Fashion History

Description: Students explore fashion history, from ancient Egypt to the present. An analysis of past trends and their influence on today's fashions is developed through class discussion, combined with slide presentations, museum trips and period films.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FSD 122 - Fashion Design Business Practices

Prerequisites: Permission of the instructor.

Description: Through visits to the various segments of the New York apparel market, students will meet with industry professionals to learn the latest career opportunities in apparel design. Seminars include fashion forecast services, fabric and trimming sources, contractors and design studios. Students learn

how to prepare a resume and how to market themselves in an interview.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

FSD 142 - Field Training

Prerequisites: FSD, 101, FSD 102, FSD 103, FSD 104, FSD 110, FSD 111, FSD 120, ART 135, ART 136, and ART 235.

Description: Students work for appropriate apparel design firms to enrich the theoretical concepts previously developed in the classroom.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

Geography

GEO

GEO 101 - Introduction to Geography

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course is an introduction to the basic concepts and techniques of geography. Global patterns of and interactions among climate, landforms, environmental alteration, economic, demographic and cultural phenomena are stressed.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

GEO 103 - Human Geography

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A survey of the global patterns and significance of human distributions. Demography and foodways, language and religion are the bases for identifying distinct regional cultures. Stress is placed on problems related to crowding, ethnicity, and alteration of the environment.

SUNY GEN -ED-GSBS; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

GEO 201 - Geography of Europe

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: An examination of the physical and cultural landscapes of Europe, their causes and consequences. Attention is focused on the political, social, and economic developments over time that have created regional divisions from Iceland to the Russian border. The

meaning of Europe's ethnicity and boundaries is stressed.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

GEO 202 - Geography of Long Island

Description: Geography of Long Island explores the land and people from Brooklyn to Montauk. It examines the physical, economic, and human geography of the area with a focus on the environmental and cultural influences that have shaped the Island's landscapes, spatial interactions, and prospects.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: History/Pol Sci/Geography

German

GER

GER 101 - Beginning German I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of German speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

GER 102 - Beginning German II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. GER 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening, comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

GER 201 - Intermediate German I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. GER 102 or equivalent.

Description: This is the first course in the GER 201-202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

GER 202 - Intermediate German II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. GER 201 or equivalent.

Description: This is the second course in the GER 201-202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

GER 301 - Advanced German I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. GER 202 or equivalent.

Description: This is the first course in the GER 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in German. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Foreign Languages

GER 302 - Advanced German II

Prerequisites: Satisfactory completion of ENG 991 and RDG 002. GER 202 or equivalent.

Description: This is the second course in the GER 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in German. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Foreign Languages

General Science Studies

GSS**GSS 103 - Science of Physics I**

Prerequisites: A high school course in elementary Algebra.

Description: An introductory course designed for students with a primary interest in the humanities or physical education. The course goal is to achieve a conceptual understanding of the ideas of physics. The historical and philosophical background as well as the content of physics is studied. Laboratory exercises are designed to illustrate principles of scientific experimentation while deepening the understanding of physical areas. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 104 - Science of Physics II

Prerequisites: A high school course in elementary Algebra. Note: GSS 103 is recommended, but not required for GSS 104.

Description: A conceptual course in physics dealing with waves, electricity and magnetism. 20th-century physics, the historical and philosophical background as well as the content of physics, will be discussed. Laboratory exercises are designed to illustrate principles of scientific experimentation while deepening the understanding of physical ideas. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 106 - Science of Sound and Music

Description: Fundamentals of mechanics, sound and acoustics, energy, electricity and magnetism with applications to music, musical instruments, sound systems and electronic music. The course material is developed descriptively and demonstrated experimentally. Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 108 - The Science of Light and Color

Description: This introductory course will focus on the nature of light and color. It will include not only the principles of geometric and physical optics but also general properties of waves and particles; the relation between light and matter; quantum theory and photons; light, heat, temperature and energy; and the conservation of energy. These physical principles will be applied to understanding color in art, vision, photography, holography,

fiber optics, and atmospheric effects.

The course will include many student investigations, in recitation as well as in lab in order to emphasize the experimental nature of science. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 111 - Science of Our World I

Description: An introductory laboratory science course designed for non-technically oriented students who desire an understanding of the capabilities, characteristics and methods of our modern technological society. Contemporary problems are discussed including such topics as air and water quality, waste management technologies, population dynamics, decision-making and principles of ecology. Laboratory techniques of simulation and modeling are developed to illustrate the topics discussed in lecture. Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 112 - Science of Our World II

Prerequisites: GSS 111 is recommended but not required.

Description: A continuation of GSS 111 which includes additional topics such as electrical energy, noise pollution, light and laser applications, nuclear power generation, heat and thermal pollution. Laboratory modeling and simulation are utilized to aid in the understanding of the technology and the underlying science principles. Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 120 - Science of Modern Electronics

Description: The course is designed for non-technical students and will provide a conceptual understanding of science related to electronic devices. The course details science fundamentals using a non-mathematical approach, then focuses the presentation to include applications in the area of electronics (entertainment, business, communication, home electronics). Aspects of sound, light, heat, and mechanics are included with applications in today's electronic world. Laboratory work will consist of hands-on experience with actual measuring devices. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GL; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

GSS 122 - Science of Energy

Description: This introductory course covers the scientific principles and technological innovations related to Energy resources. The study of mechanics, electricity, magnetism and thermodynamics pertinent to energy are explained. Students develop an appreciation of energy use in the contemporary world by examining alternate energy systems such as solar, wind, photovoltaic, hydro, biomass, the ocean, renewable alternative energy sources and environmental sustainability processes.

SUNY GEN ED-n/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Engineering/Physics/Tech

GSS 126 - Forensic Technology

Description: The course introduces the various types of physical evidence commonly encountered at crime scenes (e.g., fingerprints, hairs, fibers, drugs, glass, etc.), and discusses comparison and identification techniques (i.e., optical examination/comparison, instrumental analysis, and various chemical processes) used for the analysis of such physical evidence. It examines the various methods used for analysis of scientific evidence in the field of forensic technology. Students learn the technology used to interpret the science and its applications.

SUNY GEN EDn/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Engineering/Physics/Tech

GSS 128 - Green Building Practices

Description: This course introduces students to the science governing fundamental sustainable design and green building practices and their implementation. Topics include building site selection, building orientation, water and energy efficiency, renewable energy and storage, on-site power generation, improvement of indoor air quality including air quality and efficient use of building materials.

SUNY GEN ED-n/a; NCC GEN ED- NSCI

Credit Hours: 3

Department: Engineering/Physics/Tech

Hebrew**HEB****HEB 101 - Beginning Hebrew I**

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation.

Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of Hebrew speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

HEB 102 - Beginning Hebrew II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. HEB 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

HEB 201 - Intermediate Hebrew I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. HEB 102 or equivalent.

Description: Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

HEB 202 - Intermediate Hebrew II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. HEB 201 or equivalent.

Description: Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Health, Physical Education and Recreation

HED

HED 200 - Concepts of Healthful Living and Stress Management

Description: Students receiving credit for PED 200 will not receive credit for HED 200. This comprehensive survey course explores healthy behaviors, emphasizing wellness and stress management. Taking into consideration one's entire life style through the "whole person approach," connections among the mind, body and spirit are examined using information culled from advanced research in the interdisciplinary sciences. Topics include: psychosocial stressors and their relationship to acute/chronic diseases, stress management, coping strategies, death and dying, violence and victimization, and mental health; nutrition, fitness and weight management, sexual relationships, sexually transmitted infections, contraception, pregnancy and childbirth; use/misuse of alcohol, drugs and tobacco and other compulsivities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 201 - Personal and Family Health

Description: Students receiving credit for PED 201 will not receive credit for HED 201. The focus of this course is on the essential behavior necessary for a healthy lifestyle. Included is the opportunity to evaluate and improve physical as well as emotional well being in light of the most current information available in each topic. The student is presented with strategies that have proven successful in moderating individual behavior. Topics that deal with improving the physical health level include physical fitness, weight control and nutrition, while topics that explore the development of positive mental and emotional health and stress management, intimate personal relationships and human sexuality.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Health/Physical Ed/Recreation

HED 205 - Consumer Health Care and Protection

Description: Students receiving credit for PED 205 will not receive credit for HED 205. A course intended to keep pace with today's unprecedented consumer interests, particularly in matters of health services and products. The availability and quality of such care are explored in the following areas: the health consumer, protecting one's rights in the marketplace, the unique role of the college student as a health consumer, the patient and doctor, the national medical care crisis, kinds of health insurance, getting more for one's health dollars, the role of health agencies,

health spas and clubs, diet clubs and fads, popular remedies for common ailments, and health career opportunities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 231 - Death Education: A Health Prospective

Description: Students receiving credit for PED 231 will not receive credit for HED 231. The course enables students to understand and cope with death as part of the life cycle. From an interdisciplinary and historical perspective, the course explores how many different cultures treat death and dying as well as examines biomedical ethics (euthanasia, organ donation, wills and trusts). Emphasizing the psychological adjustments to loss, topics include the meaning of death, stages of dying, bereavement and grief processes and a variety of religious attitudes toward suicide, funeral rituals and death in general.

SUNY GEN ED-n/a; NCC GEN ED-PLDI

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 251 - Human Sexuality

Description: Students receiving credit for PED 251 will not receive credit for HED 251. Taught in cross-cultural context, this interdisciplinary course examines the diversity of family life and human sexuality. Drawing from the social and biological sciences, students explore a variety of attitudes and personal beliefs. Topics include the history of human sexuality, sexual reproduction, gender related sexual health issues, gender roles/identity and sexual orientation. Sexual communication, intimacy, behaviors, coupling, victimization, dysfunctions and therapy are also addressed. Audiovisual material of a sensitive nature may be used.

SUNY GEN ED-n/a; NCC GEN ED-PLDI

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 271 - Alcoholism, Addictions and Abusive Behaviors

Description: Students receiving credit for PED 271 will not receive credit for HED 271. This course is designed to explore why people develop addictions and dependencies. Using alcohol use, abuse and alcoholism as primary models, students discuss addictive behavior as manifested in such areas as eating disorders, gambling, tobacco and substance use. The course analyzes the epidemiology of alcohol use in American culture and its effects on society. It also considers the intra-psycho addictive syndrome on diverse populations

that reflect issues of race, ethnicity, gender and sexual orientation.

SUNY GEN ED-n/a; NCC GEN ED-PLDI

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 272 - Alcoholism and Addictions: Modalities, Prevention and Treatment

Prerequisites: PED 271.

Description: Students receiving credit for PED 272 will not receive credit for HED 272. This course focuses on assessment, diagnosis, and treatment of addictive behaviors.

Emphasis on special populations such as college students, adolescents, disabled and incarcerated individuals and ethnic minorities are examined. Treatment techniques and prevention strategies are explored.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

HED 293 - Community Health

Description: Students receiving credit for PED 293 will not receive credit for HED 293. A course designed to acquaint the major student in Health Education with the multiple definitions of health, principles of health maintenance, structure of the health care delivery system, basic epidemiological tools, elementary health counseling techniques, as well as a broad overview of major health problems that face the community. The course is also designed to familiarize the student with the agencies and facilities that are currently operating to solve health problems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

History

HIS

HIS 101 - History of Western Civilization I

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The course begins with a brief survey of the foundations of modern Western Civilization in the ancient and medieval world. The rise of individualism, humanism and science, the growth of the state, the emergence of the middle class and the beginnings of the age of liberal revolutions are discussed as ingredients in the birth of the modern world.

SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 102 - History of Western Civilization II

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The second half of Western Civilization considers the historical forces and events that shaped the world in the 19th and 20th centuries. The course examines revolutions, nationalism, industrialization, imperialism, war, and the clash of Nazism, fascism, communism, and democracy. Other major components consist of the decline of colonialism, the atomic age, the Cold War, contemporary world conflicts, and prospects for the future.

SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 103 - History of the United States I

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The course covers the broad spectrum of American life through a survey of American social, cultural and political events. Included are such topics as the rise of colonial America; the American Revolution; the early national period of Washington, Adams, Jefferson and Hamilton; the westward movement; and the antislavery movement which climaxes with the bitter struggle of the Civil War.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 104 - History of the United States II

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This second half of the American history sequence picks up the American story with the era of Reconstruction and moves on to mark the growth of industrial America, the expanding frontier with its Indian wars, the Progressive Era, the expansion of American foreign interests, the Great Depression, and the rise and image of modern America. Designed to reveal this nation's colorful and remarkable past in the modern era, the course seeks to examine the impact recent events have had on the creation of modern American society, culture, politics and world affairs.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 105 - The World, 1945-Present

Prerequisites: Completion of RDG 001

Description: With its focus on the present, this course is designed to give students an understanding of the world they live in, how it was born out of the past and how it is creating the future. Recent international conflicts, social change and expectations of the future are explored in the framework of the nuclear age.

SUNY GEN ED-GSBS; NCC GEN ED-GLNW, SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 106 - U.S.A., 1945-Present

Prerequisites: Completion of RDG 001

Description: This course deals with America in the nuclear age, its recovery from World War II and its growing domination of the Western world. The course covers the dramatic changes in American society at home and its entanglements abroad in an effort to contain Russian and Chinese power. Domestic transformation of the Kennedy-Johnson period, the upheaval of Watergate, the Reagan "revolution", and contemporary issues in American life conclude the course.

SUNY GEN ED-GAMH, GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 107 - A Pictorial Approach to European History Since 1500

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course offers a unique approach to European history using media as a major part of each class period. Slides and films of great masterpieces are used to illuminate selected historical periods giving the class discussions visual impact not available in ordinary history presentations.

SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 108 - Honors History: Western Roots I

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course traces the roots of Western Civilization beginning with a survey of the Judeo-Christian and Greco-Roman traditions and concluding with the Age of Enlightenment and revolutionary upheavals through 1789 that helped usher in the modern world. The course is designed for honors students only and includes extensive reading in primary and secondary source materials.

SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 109 - Honors History: Western Roots II

Prerequisites: Completion of RDG 001 and/or RDG 002 and by invitation.

Description: This second half of Honors Western Civilization studies the development of the Western world from 1789 to the present. The course considers that great events and forces that have shaped our Atlantic world: revolutions, nationalism, industrialization, imperialism, war, and conflict between fascism, communism, and democracy to the present day. This course is designed for honors students only and includes extensive reading in primary and secondary source materials. SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 110 - History of Contemporary Africa

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: (Dual listed with AFR 143) The study of African independence movements; discussion of the problems of post-independent Africa, such as nation building, strategies of development, education, pan-Africanism; and problems of democracy in southern Africa.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 124 - Women in the Western World

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A focus on the role of women as a significant force in the development of the Western world. The course examines, in historical context, the factors which have determined women's place over the centuries, compares the situation of women in capitalist, socialist, and fascist societies, and surveys contemporary European feminist movements. SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 125 - The Role of Women in American History

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: Women's history offers an important new dimension to the study of American society. This course examines the vital role ordinary women have played in American life for 350 years, the experiences and achievements of women, and the successes and failures of the feminist movements.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 130 - Ethnic Groups in American History

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: An exploration of American history through the eyes, ears and emotions of its immigrants - the experiences of Italians and Jews, Irish and Germans, Chinese and Mexicans, and others. Common problems of adjustment, acceptance and assimilation faced by these groups teach us about America. Guest speakers, films and tapes are utilized throughout the course to probe the meaning and bring to life the history of ethnic groups in America.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 136 - History of Latinos in the U.S.

Prerequisites: Completion of RDG 001

Description: This course explores major social, economic and political developments in the history of the various Latino communities of the United States from the mid-19th century to the present. Attention is given to such long-term processes as community formation, Latino immigration to the U.S., religion, and group identity.

SUNY GEN ED-n/a; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 137 - Native Americans

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A survey of Native peoples in United States history and popular culture, from contact to the present. Emphasis centers on comparing and contrasting the different Native American groups in the United States; their respective responses over time to the influx of peoples from outside the western hemisphere, and the developing relationship between these groups and what became the dominant political and social U.S. institutions and people. There will be a special emphasis on

indigenous peoples of Long Island particularly and New York generally. In addition, this course will look at the ever-changing images and/or stereotypes of Native Americans in U.S. culture.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 140 - Nassau County: History and Government

Prerequisites: Completion of RDG 001

Description: (Dual listed with POL 111) A review of the development of what is now Nassau County from pre-Colonial times to the present day. Emphasis is placed upon the governmental-administrative structure of the county and the major problems facing urban-suburban communities. Field trips and guest speakers are utilized to complement class work.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 150 - History of the American Labor Movement

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course explores the dramatic and inspiring history of working men and women as they struggle to improve life for themselves and their children. Students trace the history of the American labor movement from Colonial times to the present. Emphasis is placed on the theory, strategy, and goals of the organized labor movement. Students are also introduced to the concept and techniques of collective bargaining. Films, speakers, and resources on Long Island are utilized to complement class discussion.

SUNY GEN ED-GAMH, GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 161 - World History: Antiquity to 1500

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course examines major developments in world history, from the emergence of the earliest civilizations to about 1500 C.E. How various civilizations conceptualized and responded to issues such as the nature of god(s), human nature, gender roles and relationships, and the environment are explored. Technological developments and economic, political, and social structures are also studied.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-GLNW, SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 162 - World History: 1500 to the Present

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course examines important developments and interactions in world history from the age of exploration and European expansion to the present. Major formative elements of the modern world such as industrialization, democracy, imperialism, nationalism, secularism, feminism, socialism, fascism, human rights, and technological developments are explored.

SUNY GEN ED-GSBS; NCC GEN ED-GLNW, SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 176 - African-American History I

Prerequisites: Completion of RDG 001

Description: (Dual Listed with AFR 140) A survey of the African-American experience in the New World, from the advent of the African slave trade to the Civil War and the Reconstruction Era. Emphasis centers on the African background, the cultural heritage of the African-Americans, slavery and a legacy of racial discrimination.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 177 - African American History II

Prerequisites: HIS 176 or permission of Chairperson, completion of RDG 001

Description: (Dual listed with AFR 141) A survey of the African American experience since the Reconstruction Era to the post World War II period and the current scene. Emphasis centers on the Civil Rights Movement, the Harlem Renaissance, the Black Revolution and the philosophies of Dr. Martin Luther King, Jr., Malcolm X, Jesse Jackson, Angela Davis, Cynthia Boston, Willie McGee and the "exiled" leaders of the contemporary scene.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 178 - History of the Black Woman

Prerequisites: Completion of RDG 001

Description: (Dual listed with AFR 200)

An historical examination of the image, role and treatment of the Black Woman in America from the Age of Slavery to the advent of the feminist movement and the contemporary scene. Emphasis centers on the burdens of racism, sexism, single-parent motherhood, welfare, Black female and male relationships, sterilization, the Black family and the issues of Black Women's liberation, women's lib and the ERA amendment.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 180 - Health, Disease and Western History

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: In all eras disease has been a shaper of human affairs. It has affected the life of empires and the outcome of wars, helped alter the economy and the structure of society, and evoked outbursts of mass unrest. It continues to challenge the development of civilization. The course examines the impact of disease on Western history; the efforts of Western society to deal with disease through magic, religion, and science; and the role of disease as the theme of art, literature and popular culture.

SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 190 - The History of Sports in America

Prerequisites: Completion of RDG 001

Description: This course examines the evolution of sports in the context of American history. From the colonial era to the present, sports have been a mirror of the larger history of the nation. The course traces the growth of sports, both amateur & professional with an emphasis on the refining rules & organization, the role of the media & the changes that have taken place within the sporting world.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 205 - The Ancient World

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The peoples of ancient Mediterranean, African, Near Eastern, Asian and Celtic worlds and pre-contact America are the subjects of this course. Each civilization, with an emphasis on their art and literature, manners and morals, scientific and

technological inventions, political, military, and economic institutions, triumphs and failures, is considered first in its own context, and then with reference to how, when, and with what consequences ancient civilizations affected one another.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 206 - The Medieval World

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The course focuses on the new civilization which emerged from the ruins of the Greco-Roman world. The role of the Medieval church, feudalism, chivalry, and witchcraft in shaping this seminal period is explored together with the medieval world's contribution to the making of modern day political, economic and cultural traditions.

SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 207 - Early Modern Europe

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course covers the period in European history from 1500 to 1763, one in which the values, life-styles and power structure of the Middle Ages were consistently challenged by new forces which were ultimately victorious and laid the groundwork for the modern era. More than just a period of transition, the epoch includes some of the more creative and turbulent chapters in the history of European civilization.

SUNY GEN ED-n/a; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 209 - Twentieth-Century Europe

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A study of Europe in the 20th century, beginning with the foundations in 1870 and continuing to the present. The course examines the former world dominance of Europe and traces developments leading to its present status in the world community. Topics studied intensively include the origins of World War I, the impact of the Russian Revolution, the rise of fascism, and World War II, as well as the significant cultural, social and intellectual trends that shaped this epoch in European history.

SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 210 - The Modern Middle East

Prerequisites: A prior history course or permission of instructor, completion of RDG 001 and/or RDG 002.

Description: This course examines the multifaceted history of the Middle East, broadly construed as a geographic and cultural region, since the 18th century. Topics include religious and cultural traditions and varieties, gender issues, and the challenges and choices facing Middle Eastern states and societies in recent years. Regional conflicts, religious radicalism, and terrorism will be addressed. SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 212 - History of the Islamic World

Prerequisites: English 101 or one history course or permission of the instructor. Completion of RDG 001 and/or RDG 002.

Description: This course examines the early and modern history of Islamic societies and of Muslims in local and global contexts, including Africa, Central and South Asia, the Pacific, and the West. The course addresses topics such as politics and statecraft; religious and cultural traditions and varieties; gender roles; and the challenges and choices that Muslim societies and individuals have faced in medieval, early modern, and modern times. SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 219 - Colonial Latin America

Prerequisites: Completion of RDG 001

Description: A survey history of Colonial Latin America, from the Age of Discovery and Conquest to the Independence Movement. Emphasis centers on the development and formation of Colonial Latin America, its political institutions and social problems. SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 220 - Modern Latin America

Prerequisites: Completion of RDG 001

Description: A history of Latin America in the 19th and 20th centuries dealing with the broad comparative features of the region's

political, economic and social development. More specific analyses of national case studies are included together with a consideration of the frequent revolutions which have swept the nations of Latin America in the modern era. SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 221 - The Afro-Caribbean World

Prerequisites: AFR 140/HIS 176, HIS 220 or permission of instructor, completion of RDG 001

Description: (Dual Listed with AFR 203) An historical presentation of the African experience in the Caribbean nations of Cuba, Bahamas, Haiti, Dominican Republic, Jamaica, Puerto Rico, and the nations of the Lesser Antilles, Trinidad and Tobago. Emphasis centers on the impact and effects of African slavery in the Caribbean, African contributions to the region, its cultural roots in Caribbean society, and the contemporary problems in the Caribbean today.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 222 - Modern Mexico and Central America

Prerequisites: Completion of RDG 001.

Description: This course examines the history of Mexico and Central America from independence in the 1820s to the present. Attention will be paid to political events, such as the Wars of Independence, the Mexican Revolution and the Sandinista and FMLN movements, and to such long-term processes as the relationships among agrarian development, social movements and state-building. SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, WESH, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 228 - Modern China

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A survey of Chinese history & culture in the 20th Century. The course reviews the impact of the West on China in the modern era. Emphasis is placed on the Revolution of 1911, which ushered in the Republican era, the rise of Chinese Communism, & the present two-China situation.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 230 - Modern Imperialism

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course examines Western Empire building and the struggle of colonized societies to gain independence. It begins by exploring the roots of imperialism in the 16th through the 18th centuries and continues with analysis of European imperialism in Africa and Asia in the 19th century. Motivations for imperial conquest, methods of rule, effects on the colonized societies and the United States expansionism in the 19th and 20th centuries are considered. This course also analyzes gender, race and the anti-colonial movements of the 20th century. It concludes with analysis of neocolonialism in the aftermath of the Cold War.

SUNY GEN ED-n/a; NCC GEN ED-SBS, PLDI, WESH, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 232 - The History of the Cold War

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The course deals with one of the most significant areas of contemporary international conflict and tension: the mutual relationships among the United States, Russia, and China. Students probe the origins and development of the Cold War and peace in the 20th century. SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 234 - History of Ireland

Prerequisites: Completion of RDG 001.

Description: (Formerly HIS 170) This course focuses on Celtic history, foreign invasions, early modern Ireland before emancipation, the great famine, land reform, home rule, the Easter uprising, the Irish Free State, the independent republic, Northern Ireland, the present discord and the Dublin-London-Belfast-American connection. SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 235 - Russia Since Peter The Great

Prerequisites: HIS 102 and completion of RDG 001 and/or RDG 002.

Description: This course tries to make Russia less puzzling by examining the cultural, social and political elements which have gone into the making of modern Russia. In the process

certain broad themes are considered, including Russia's place in Western tradition and the relationship between contemporary society and Russia's pre-revolutionary past.

SUNY GEN ED-GSBS; NCC GEN ED- n/a

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 236 - History of Israel

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: (Formerly HIS 135)

An interdisciplinary approach to the history of the modern state of Israel and the Jewish historical experience. Firsthand experiences and films are used in examination of the life and culture of modern Israel, including an in-depth study of the Arab-Jewish conflict.

SUNY GEN ED-GSBS; NCC GEN ED-n/a

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 240 - Revolutions in the Modern World

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A comparative study of revolutionary movements and ideologies from the time of Cromwell to the present, with an emphasis on the modern era. It deals with the causes and consequences of revolutions in their historical contexts, and discusses alternatives to violent overthrows of government as well as counter-revolutionary movements, past and present. The English, American, French, Russian, Chinese and Cuban revolutions are among those examined.

SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 250 - Era of the American Revolution

Prerequisites: ENG 101 or permission of instructor, completion of RDG 001 and/or RDG 002.

Description: An in-depth view of the American struggle for independence, removing much of the mythology that surrounds this classic confrontation between colonies and mother country. Beginning with the French and Indian War, the course examines the crises leading to revolution, the military aspects of the war itself, and ends with a look at the new nation in its infancy. Particular attention is focused on both British and Colonial views toward independence, the conspiratorial activities of the radical revolutionary minority, and the roles played by various individuals

on all sides of the struggle in the War for Independence.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 255 - The Civil War and Reconstruction

Prerequisites: Completion of RDG 001 and/or RDG 002/

Description: The era of the Civil War and Reconstruction was the most traumatic in American history. The nation underwent an orgy of bloodshed and hatred, the aftereffects of which can still be seen to this day. This course examines the events and personalities of that turbulent era during which the nation was forged.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 260 - Twentieth Century Genocide

Prerequisites: HIS 102, HIS 209, or permission of instructor, completion of RDG 001 and/or RDG 002.

Description: The subject matter of this course will be the history of ethnic/religious genocide during the 20th century. The topics covered will include the Armenian massacre of 1915-1918, the Jewish Holocaust (Final Solution) of World War II, as well as some contemporary examples of genocide, i.e. Bosnia, Rwanda, the Caucasus, etc. The prime emphasis will be on the Holocaust, with a focus on the lessons learned from this historical experience.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 270 - Racism in the Modern World

Prerequisites: One prior history course, either HIS 101, HIS 102, HIS 103, HIS 104, HIS 105 or HIS 106, completion of RDG 001 and/or RDG 002.

Description: (Students who require ENG 001 or RDG 001 cannot take this course until these requirements are met.) This course examines the origins and development of the national forces and institutions that have shaped racial ideas and practices over the last 500 years. Through a variety of historical materials, students will explore the comparative aspects and dimensions of racism, from early European overseas conquests to contemporary struggles for national political power.

SUNY GEN ED-GSBS, GWEH; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 280 - The Atlantic World 1450-1820

Prerequisites: Completion of RDG 001 and/or RDG 002

Description: The European navigations of the fifteenth century permanently connected four major continents and their distinct peoples many of whom before this time had no or only sporadic contact with one another. From 1450 onwards the Atlantic Oceans served as a "corridor" through which peoples, ideas, and things were exchanged and transformed. This course explores the Atlantic world created by this corridor by examining several themes: maritime exploration, European-Indian-African interactions, the rise of European imperialism in the Americas, the creation of Atlantic American communities in the Americas, the growth of an Atlantic economy, and rebellion and revolution in the Atlantic world.

SUNY GEN ED-n/a; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: History/Pol Sci/Geography

HIS 290 - Religion in American History

Prerequisites: ENG 101.

Description: Religion has played an important role in the political, social, cultural, and intellectual history of America from the colonial era to the present. This course examines the diverse religions that have influenced and that have been influenced by the American past. Some of the belief systems considered are Protestant denominations, Roman Catholicism, Judaism, Islam, Buddhism, Hinduism, Mormonism, and African-American and Native-American religions.

SUNY GEN ED-n/a; NCC GEN ED-PLDI, SBS, WESH

Credit Hours: 3

Department: History/Pol Sci/Geography

Health Information Technology

HIT

HIT 151 - Medical Terminology

Description: This course will prepare students for careers in medical administration

by reviewing the terminology associated with many areas of medicine such as cardiovascular, digestive, central nervous, genitourinary, respiratory systems, etc. Emphasis is placed on etymology of words. (Students receiving credit for OFT 151 will not receive credit for HIT 151.)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 154 - Computer Software Applications in Health Care

Description: This course covers an overview of commonly available software tools used in health care, including introduction to encoding tools and computer assisted coding software used in health data processing. It includes an introduction to the electronic health record (EHR) process and the various health information systems currently used in health care delivery in the US. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 156 - Medical Coding CPT

Prerequisites: HIT 151 or permission of the Chairperson.

Corequisites: HIT 151 or permission of the Chairperson.

Description: This course provides instruction in the classification and coding of all ambulatory care and outpatient care encounters. The students will become familiarized with all aspects of CPT Coding and HCPCS Level II Coding. The course covers interpreting medical chart documentation and operative reports to accurately assign CPT codes for maximum physician reimbursement. Students will use popular coding software. The course covers information necessary for the completion of the CCA or CCS-P examination. Laboratory fee applies. (Students receiving credit for OFT 156 will not receive credit for HIT 156.)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 157 - Medical Coding ICD

Prerequisites: HIT 151 or permission of the Chair.

Description: This course will familiarize students with all practices and conventions of ICD Coding. Students will learn to assign numeric codes for medical diagnoses and procedures carried out in medical offices, hospitals, ambulatory surgery centers and other types of health care facilities. Emphasis will

be placed on accurate code selection following approved guidelines and coding conventions. Students will use popular coding software. The course covers information necessary for the completion of the CCA or CCS-P examination. Laboratory fee applies. (Students receiving credit for OFT 157 will not receive credit for HIT 157.)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 158 - Reimbursement Methodologies

Prerequisites: HIT 157

Description: This course is designed to familiarize students with the basics of medical billing insurance reimbursement, and medical record documentation. The various types of prospective payment systems (PPS) used in health care reimbursement are discussed. Students complete billing, insurance and medical documentation forms, both manually and electronically. The course includes the study of the impact of federal legislation on health care reimbursement and an overview of the Federal Register. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 250 - Health Care Data Structure and Delivery Systems

Description: This course examines the concept of using health data and presenting it as usable information. Verification of data, data timeliness, data accuracy and data appropriateness, various data sets and data sources are discussed. Governmental requirements for data reporting are reviewed. The basics of medical record administration, including format and documentation compliance are also discussed. Students review and analyze actual medical records. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 256 - Advanced CPT Coding

Prerequisites: HIT 151, HIT 156 or permission of the Chairperson.

Description: This course focuses on the advanced practice of the application of CPT coding. Students review and code advanced clinical and medical scenarios related to various body systems. Software coding packages and the use of CPT and HCPCS manuals to code for physician procedures and services are reviewed. Emphasis is placed on surgical coding. The students are introduced

to procedure based payment systems including RBRVS, E&M codes and APC assignments.

Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 257 - Advanced ICD Coding

Prerequisites: HIT 157 or permission of the Chairperson.

Description: This course focuses on the advanced practice of the application of ICD-9 coding. Students review and code advanced clinical and medical scenarios related to various body systems. Coding standards guidelines and regulatory requirements for each system are discussed. The students are introduced to diagnostic based prospective payment groupers including DRG, APR-DRG and RUGS, as well as diagnostic coding systems including ICD-10 and the DSM-IV. Course includes an introduction to Systemized Nomenclature of Medicine (SNOMED) and its role as a basis for the electronic health record (EHR). Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 258 - Medical Coding Work Study

Prerequisites: HIT 158, HIT 256, HIT 257.

Description: This course is a supervised work experience that provides students with exposure to coding practices in a hospital, physician's office, clinic or other health care setting with directed projects common to the typical coding tasks of a clinical coding specialist. Students are introduced to health information technology and coding procedures through observation, study and work. Weekly seminars reinforce work experience.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 260 - Quality Management and Organizational Resources in HIM

Prerequisites: HIT 154, HIT 158, HIT 250.

Description: This course covers quality assessment and improvement tools related to health information management. Regulations surrounding utilization management and risk management are discussed. Organizational functions of health information management systems are also discussed. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 265 - Health Data Statistics

Prerequisites: HIT 156, HIT 157, HIT 158, HIT 250.

Description: This course covers the application of basic hospital and vital statistics related to health information management. Correlations are made to explain how statistical information in the medical record is utilized within the health care facility and by outside governmental and private agencies. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 270 - HIM Regulatory Issues in the Law

Prerequisites: HIT 154, HIT 250.

Description: This course introduces the students to legal issues surrounding the field of health information management. Health information/record laws and regulations are discussed including confidentiality, privacy, and security and usage of health information. Ethics and court decisions that affect healthcare are discussed. (2 lecture, 2 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

HIT 278 - Health Information Management Internship

Prerequisites: HIT 258, HIT 260, HIT 265, HIT 270.

Description: This course is supervised work experience that provides students with exposure to health information management practices in a hospital, physician's office, clinic or other health care setting with directed projects common to the typical responsibilities of a health information technologist/medical records specialist. Students are introduced to health information management and medical records procedures through observation, study and work. Weekly seminars reinforce work experience. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

Human Services

HMS

HMS 101 - Introduction to Human Services

Description: This course provides students with an understanding of the human services

profession: its goals and objectives, theories and methods, and structures and organizations. Emphasis is placed on the role of the human service provider in working with youth, families, the aged and disadvantaged populations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

HMS 102 - Interviewing in Human Service Practice

Description: This course deals with interview skills for beginning human service workers. A variety of procedures for effective interviews in different situations are studied and practiced along with techniques to explore personal growth and development. Included are exploration skills, listening and insight skills. Traditional lectures, role playing and classroom experiential learning will be significant course components.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

HMS 117 - Introduction to Community Services

Description: This course focuses on roles helpers play and locations for social work practice. Topics include professional values and the National Association of Social Worker's code of ethics and the knowledge base of the profession. Sociological theory and research are used to examine interventions in individual and community life as well as policy formulation and implementation. Social welfare history is also presented and special attention is paid to working with populations at risk and the importance of cultural competency.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Sociology

HMS 200 - Community Service Skills

Prerequisites: HMS 117

Corequisites: HMS 117

Description: This course surveys the fundamentals of support services. It includes concepts and skills in counseling; interviewing techniques; implementing case management; working with families and groups; planning and record keeping. Students who have taken CSW 200 will not receive credit for HMS 200.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Sociology

HMS 205 - Community Service Internship

Prerequisites: HMS 117 and permission of instructor.

Description: The course includes five field work hours per week plus one and 1/4 seminar hours per week. Students are placed in an established human service agency under professional supervision. Class work focuses on the practical aspects of working in a human service agency, such as: professional responsibilities; supervisory and organizational skills; values and ethics and stress management. Special attention is paid to working with diverse populations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Sociology

Human Rights Studies

HRS

HRS 101 - Introduction to Human Rights Studies

Prerequisites: Completion of remedial courses in MAT, ENG and RDG.

Description: Introduction to Human Rights Studies uses an interdisciplinary approach incorporating sources from United Nations reports, human rights documents, legal documents, literature, film, art and media to encourage critical thinking in the study of international human rights. This course investigates what human rights are, how they are monitored and defended by governments, international agencies and NGOs and what happens when human rights are violated. (Important case studies will be examined). SUNY GEN ED-n/a; NCC GEN ED-GLNW, PLDI

Credit Hours: 3

Department: Multidisciplinary Studies

Hospitality

HTL

HTL 150 - Introduction to Tourism

Description: This course is designed to introduce students to basic concepts and the language and scope of the tourism industry. It includes the evolution, economic function and analysis of modes, organization, and arrangement of travel.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 155 - International Hospitality Industry

Description: A course providing students with techniques and international methods of tourism, culinary arts, hotel/restaurant management. It includes independent research, visits to hotels, restaurants, culinary arts schools and hotel universities. Special expenses for students: air fare to and from foreign countries, food, lodging, taxes, transfers, etc., for approximately two to three weeks.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 161 - Hospitality Management

Description: Traces the growth and development of the lodging industry from early times to modern hotel and motel operations. Covers the application of marketing research to site location, customer demand and determination of operational needs. Includes design and layout, front office requirements, maintenance, equipment and housekeeping activities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 162 - Hospitality Human Resources

Description: Advanced management techniques and problems confronting the hotel-motel industry. Emphasis on personnel and labor relations. Dimensions of personnel management and responsibilities, operational problems of seasonal arrangements and various aspects of employee development and career potential are covered. Current and future industry-wide trends and problems are also investigated.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 165 - Facilities Planning and Design

Description: The course of study concentrates on the hotel/restaurant complex, taking into consideration all phases of the enterprise, including coverage of topics in equipment selection, mechanical operations, traffic flow, hotel operations, and other ancillary functions to prepare the innkeeper and his/her staff for effective decision making.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 171 - Food and Beverage Operations

Description: An introduction to food and beverage management, including the elements of stewarding, staffing, budgeting, purchasing, ordering, receiving, storage and control. Topics include equipment layout and design, sanitation and analysis of the food and beverage operation in relation to the lodging facility.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 172 - Food Services Cost Analysis

Description: An intensive study of the 'control' aspects of the food and beverage industry that dictate profit or loss. Emphasis is placed on sales analysis, pricing, portion control, cost analysis, menu scoring and guideline percentage tests for all major expense components integral to food and beverage operations. Computer lab will be utilized.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 174 - Fundamentals of Food Production

Description: An introduction to food preparation emphasizing basic culinary skills, practices, and the complete sanitation program in food establishments. Chef Instructor demonstrates proper culinary methods and preparations. Students then perform learned skills. Students are required to produce foods and clean and sanitize the kitchen laboratory. Lifting required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 175 - Food and Beverage Merchandising

Description: Emphasis is placed on the presentation function including menu design & layout, wine & beverage selection, promotion, theme development, creating an atmosphere for dining & marketing the "total product." Students will learn how to cost-out menu items & how to develop a menu. Computer lab will be utilized.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 176 - Advanced Food Production Techniques

Description: Commercial food preparation emphasizing quantity food production, the elements of baking, and the institutional approach to volume feeding. Chef Instructor

also demonstrates more advanced techniques of food preparation. Students are required to produce foods and clean and sanitize the kitchen laboratory. Lifting required. Uniform required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 177 - Servsafe Sanitation

Description: Students learn the basic concepts of food safety that is needed to help protect consumers and businesses against foodborne illness outbreaks. The course demonstrates industry safety methods utilized in food handling, storage, and preparation. It prepares students for an exam sponsored by the National Restaurant Association and administered at the college. Servsafe is a nationally recognized certification.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Hotel & Restaurant Tech

HTL 178 - Event Planning

Description: An opportunity for hands-on experience in the catering, banquet, convention and function business. Topics include banquet service, convention sales and packaging, catering menus, recipes, and food preparation. The student meets one class lecture per week and actually produces two catered special functions (approximately 17 hours per function) per semester. The student plans, costs-out, prepares and serves the special function for the advancement of the College community on dates established by the instructor.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 180 - Front Office Management

Description: The analysis of the coordination of all departments emphasizing the control function. Topics include front office procedure, cash control, credit and collections, record keeping, equipment management and the integration of business machines in posting and auditing procedures. Computer lab will be utilized.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 190 - International Wines and Beverages

Description: An introduction to the major wine-growing regions of the world and the factors necessary to create an acceptable final product. Topics will include growing and

vinification techniques, law and labeling, geography. The course will include discussion on distilled spirits and an introduction to bartending. Students may receive AHMA "Serving Alcohol with Care" Certification. Fee required.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 200 - Hotel Operations Research Seminar

Description: A comprehensive analysis of developments and problems in the hotel/motel industry utilizing contemporary developments. Emphasis is placed on the integration of the hotel/motel business with the hospitality industry and its present and future role. Students are involved in extensive case analysis. Some field trips required. Minimum 21 hotel/restaurant credits completed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 205 - Food and Beverage Operations Research Seminar

Description: An analysis of contemporary developments and problems in the food service industry. All facets are explored including institutional feeding, fast foods, and specialty restaurants from gourmet to catering. Some field trips required. Minimum 15 hotel/restaurant credits completed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 242 - Hospitality Internship

Description: Students work for appropriate business firms, institutions and/or agencies to enrich the theoretical concepts previously developed in the classroom. Students must complete 350 hours on-the-job training as assigned by the professor in conjunction with assigned papers and coursework. Some office visits are required by the assigned professor.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

HTL 600 - Cooperative Partnership with Industry

Prerequisites: Students are required to take ENG 001, RDG 001, RDG 002, MAT 001, MAT 002 or MAT 003 must successfully satisfy all remedial requirements prior to taking this course. In addition, students must have completed a minimum of 12 credits and be in good academic standing.

Description: The course provides supervised, practical, paid, full time experience at institutions that offer students opportunities to which they apply concepts learned in the classroom. Written reports demonstrating the understanding of theories and their applications are an integral part of the curriculum. Travel and living expenses may be incurred contingent upon placement.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 6

Department: Hotel & Restaurant Tech

Inter Global Studies

IGS

IGS 101 - Modern World Societies I

Description: This interdisciplinary social science course will chronologically explore the development of the modern world from 1500 to 1877. Course content will focus on such topics as scarcity, population dynamics, disease, industrialization, poverty, conflict, and international trade. Pertinent skills will be developed. This course will give students an awareness of the interdependence among past and present nations. Students will work with maps to gain an understanding of geography and the changing world order.

SUNY GEN ED-GOWC, GSBS; NCC GEN ED-WESH, PLDI, SBS GLNW

Credit Hours: 3

Department: Economics and Finance

IGS 102 - Modern World Societies II

Description: This interdisciplinary social science course will chronologically explore the development of the modern world from 1878 to the present. Course content will focus on such topics as scarcity, population dynamics, disease, industrialization, poverty, conflict, and international trade. Pertinent skills will be developed. This course will give students an awareness of the interdependence among past and present nations. Students will work with maps to gain an understanding of geography and the changing world order.

SUNY GEN ED-GOWC, GSBS; NCC GEN ED-WESH, PLDI, SBS, GLNW

Credit Hours: 3

Department: Economics and Finance

Interior Design

INT

INT 101 - Interior Design Studio I

Description: This course presents an overview of methods for designing residential, business and institutional interiors. Topics taught include the functions and responsibilities of the interior designer as distinguished from other practitioners in the field, space selection, analysis and planning, scale drawing, projections, furniture layouts.

Average Materials Cost: \$225.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 102 - History of Furnishings and Design

Description: The course is a comprehensive survey of the development of furnishings and interior design from ancient times through the 20th century. Principal movements and periods include: Classic, Renaissance, Baroque, Neo-Classical, Arts and Crafts, Art Nouveau, Art Deco, Modern and Post-Modern design. The development of styles is chronologically traced within the context of the prevailing social and historical forces that affect design.

For special (as indicated on Banner) sections only: Field trips are required as part of the course. Additional transportation fee and entrance fees to museums and historical sites are required.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 103 - Trends in Furniture and Lighting Design

Prerequisites: ENS 101.

Description: This course covers trends and influences on 20th-century furniture and lighting for the home, office and public interior spaces. The latest trends and technologies are examined through a study of the furniture design process. Crafts and art furniture, antiques and collectibles, are studied for their influences on trends. The wide range of available lighting materials is explored. Creation of dramatic and functional lighting effects and spatial interpretations are studied.

Average Materials Cost: \$50.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 104 - Color for Home Furnishings and Design

Description: This course familiarizes students with color language and technology as it applies to interior design. It focuses on the following areas: light and color, color systems, color schemes, special color effects, practical approaches to and the psychological impact

of colors. In addition, students are taught to design a color schematic which is applied to a variety of room plans, and to solve common color problems. Average Materials Cost: \$150. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 105 - Resources and Materials

Description: Emphasis is on the analysis, identification and application of materials for interiors. Wall and floor coverings, cabinetry, windows and upholstery are examined. Students learn to estimate cost and quantities of materials needed for design projects. Resources (vendors of furniture, fabrics, accessories, etc.) are explored. Field trips to suppliers, workrooms and "trade only" showrooms will be scheduled. There will be classroom lectures by manufacturers' representatives and other industry spokespeople. Average materials cost: \$50.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 107 - Professional Practices and Business Techniques

Prerequisites: INT 101, INT 106, ART 111 and ENS 101 with a minimum grade of C in all prerequisites or permission of Department.

Description: This course is designed to prepare students to understand and execute business aspects of Interior Design. It teaches the concepts and skills necessary to start and to develop an Interior Design business. Sample topics covered include types of business formations, formulating contracts, project management, methods of determining and applying fees, securing financial and legal council, professional ethics, etc. Students are required to develop a prototype client job book - developing a full battery of working forms which are standard in the industry. Average Materials Cost: \$75.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 108 - Final Thesis and Portfolio Development

Prerequisites: INT 101, INT 105, INT 106, ART 111 and ENS 101 with a minimum grade of C in all prerequisites or permission of Department.

Description: This course develops and refines skills necessary to execute effective design presentations for submission to clients. It teaches concepts and techniques for compiling portfolios suitable to obtaining work in the

profession. The student will submit an Exit Portfolio and present a final thesis with emphasis on universal design. Student must have a minimum of ten completed Interior Design Projects for Portfolio Development. Average Materials Cost: \$150.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 115 - Kitchen and Bath Design I

Prerequisites: INT 101, ENS 101

Description: This course is intended to educate the professional residential interior kitchen and bath designer with the appropriate applications for kitchen and bath design in compliance with industry and manufacturers' standards. The student will learn local and state building codes, licensing, and legislative requirements that are necessary to perform all tasks associated with kitchen and bath design and installation standards. Student must be enrolled in Kitchen and Bath Design Certificate Program.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 118 - Presentation Standards for Kitchen and Bath Design

Prerequisites: INT 101, INT 103, INT 105, ENS 101, CET 101, CET 107.

Description: Student must be enrolled in the Kitchen and Bath Certificate Program. This course teaches students to read architectural drawings used in the design process of a kitchen or bathroom. Students learn to produce working documents according to NKBA (National Kitchen and Bath Association) Graphics and Presentation Standard Manual. Students will become competent in the following: proper use of equipment, architectural lettering, drawing of floor plans, elevations, mechanical, section and detail drawing. NKBA Standards are used in all drawings including perspective and isometrics.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 142 - Field Training

Prerequisites: Permission of instructor or Department Chairperson.

Description: Students work for appropriate business firms to enrich the theoretical concepts previously developed in the classroom. Enrollment limited to Interior Design students.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 201 - Interior Design Studio II

Prerequisites: INT 101, INT 102, ART 111 and ENS 101.

Description: Students who have taken INT 106 will not get credit for INT 201. (Formerly INT 106). Presents a lesson in mechanical, studio drafting for interior design majors. Students will be required to draw layouts, elevations, reflective ceiling plans, matrix assessments, and perspective thumb-nail drawings. This will prepare each student for the full gamut of drawings that professional interior designers must necessitate. The presentations of these projects meet a criteria for portfolio development. Average Materials Cost: \$75.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 203 - Presentation Techniques for Interior Designers

Prerequisites: INT 101, INT 102, INT 104, INT 201, ENS 101, ENS 105, ART 111.

Corequisites: INT 103, INT 105, INT 107, CET 107.

Description: This course develops and perfects the rendering skills necessary to allow learners graphic expression of interior space. Client presentation technique, visual skills and scale modeling are emphasized as well as materials and coordination.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 206 - Interior Design Working Drawings

Prerequisites: INT 101, INT 102, INT 104, INT 201, ENS 101, ENS 105, ART 111, CET 101.

Corequisites: INT 103, INT 105, INT 107, CET 107.

Description: Must be an Interior Design Major. This course teaches the student to prepare a set of working drawings for use by a contractor and / or architect. Architectural drafting techniques, schedules, specifications of materials and finishes, principles of door window and cabinet detailing are included. The learner will survey architectural drawings and identify with the conventions employed by architects, engineers and building trades. Materials Fee. Enrollment limited to Interior Design students.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 215 - Kitchen and Bath Design II

Prerequisites: INT 101, ENS 101, CET 101, INT 115, MKT 170.

Description: This course offers the Kitchen and Bath design professional a guide to be used in the planning of Kitchen and Bath at an advanced level. The focus of this course is to enforce the design elements of kitchen and bathroom design and learn the parameters for both universal and sustainable design as applies to kitchen and bath installations. This course enables the kitchen and bath professional to make the proper choices in planning and installing kitchens and baths. The learner will understand the value and techniques of designing universal and sustainable areas suitable to the needs of a client. Each student will learn to create and maintain a design portfolio of projects showing skill and ability to successfully prepare a design presentation. Student must be enrolled in the Kitchen and Bath Design Certificate Program.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 301 - Interior Design Studio III

Prerequisites: INT 101, INT 102, INT 104, INT 201, ENS 101, ENS 105, ART 111.

Corequisites: INT 103, INT 105, INT 107, CET 107.

Description: This studio course requires the student to focus on specific building types and user groups such as corporate, retail and institutional. Research methods and client requirements are introduced along with techniques in the diagramming and programming of interior space to provide client needs. Design concept, image, color and finishes, graphics, building codes and universal as well as sustainable design are emphasized. Student presentations will be evaluated by professional interior designers. Material fee. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

INT 401 - Interior Design Studio IV

Prerequisites: INT 101, INT 102, INT 103, INT 104, INT 106, INT 201, INT 301, ENS 101, ENS 105, ART 111.

Corequisites: INT 105, INT 107, CET 107.

Description: Through research, design analysis, and problem solving students explore the wide variety of user groups and discover the challenges associated with the use of multi functional hospitality design. Emphasis on GREEN DESIGN lighting, materials, details color, finishes, barrier free design and building

codes. Industry professionals will be available for critique of student projects. Materials Fee. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

Italian

ITA

ITA 101 - Beginning Italian I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: This is the first course in the ITA 101-102 sequence. Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of Italian speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ITA 102 - Beginning Italian II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 101 or equivalent.

Description: This is the second course in the ITA 101-102 sequence. Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ITA 201 - Intermediate Italian I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 102 or equivalent.

Description: This is the first course in the ITA 201-202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ITA 202 - Intermediate Italian II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 201 or equivalent.

Description: This is the second course in the ITA 201-202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ITA 225 - Italian for Business

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 102 or permission of the instructor.

Description: Using print, video, and electronic media this course offers students a practical knowledge of Italian business terminology and procedures. It will introduce students to such topics (in Italian) as commercial letter writing, telephone etiquette, filling out business forms, etc. Students will also learn how to deal with cultural aspects of the international business environment. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

ITA 301 - Advanced Italian I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 202 or equivalent.

Description: This is the first course in the ITA 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in Italian. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Foreign Languages

ITA 302 - Advanced Italian II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 202 or equivalent.

Description: This is the second course in the ITA 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in Italian. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Information Technology

ITE

ITE 101 - Introduction to Information Technology

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting this course.

Description: Students will not receive credit for both ITE 101 and CMP 103. This course offers a broad-based introduction to the field of Information Technology (IT) including its evolution, current trends and future directions. Students will be introduced to the various aspects of IT along with an understanding of the technical support that is provided to employees and organizations. IT fundamentals, operating systems and hardware, web development, networking, and information and database systems will be covered.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

ITE 153 - Operating Systems Management

Prerequisites: At least a C in ITE 101. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting this course.

Description: This course examines the fundamental role of operating systems as it relates to the interaction of hardware and application software. Students will learn core operating system technologies including installing, configuring, and maintaining operating systems for client workstations in both networked and non-networked environments. Students will obtain a basic understanding of hardware components, desktop components and interfaces. They will learn how to use various system administration tools and utilities to manage an operating system. Emphasis is placed on creating a computing environment for users which will maximize productivity and minimize workstation problems. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

ITE 154 - Web Programming I

Prerequisites: At least a C or better in both CSC 104 and ITE 101. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting this course.

Description: This course is an introduction to the fundamentals of programming using a modern object-oriented scripting language such as JavaScript. Object-oriented and fundamental programming concepts are covered along with events, event handlers, both built in functions and user-defined functions, predefined and user-defined objects, web form validation and browser considerations. Projects and assignments will mirror real-world applications and usage. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

ITE 204 - Java Programming

Prerequisites: A grade of C or better in ITE 154. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is an introduction to object-oriented programming using the Java programming language. Students will become familiar with the concepts of objects and classes, inheritance, polymorphism, and encapsulation. Topics include creating graphical user interfaces, servlets, networking, and exception handling. Optional topics include applets and multi-threading. Students who have completed CMP 218 will not get credit for ITE 204. (4.5 lecture hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

ITE 213 - Data Communications and the Internet

Prerequisites: A grade of C or better in ITE 101 or CMP 103 or permission of Department. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is designed to acquaint the student with the interface, hardware, software, and the communications protocols necessary to utilize various information systems of both local and global networks. Topics include: installation of communications hardware and software, Local Area Networks (LAN), Wide Area Networks (WAN) and the Internet, along with governance and structure of computer networks. Sites and domains, remote connections, file transfer protocols, electronic

resources, navigation of remote domains and networks, networking security, societal impact and related issues will be covered. Students who have completed CMP 110 will not get credit for ITE 213. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

ITE 223 - Network Management I

Prerequisites: A grade of C or better in ITE 153; concurrency with ITE 213 permitted. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is designed to cover fundamental and advanced concepts in network theory and system administration. Use of the network operating system in planning and management of directory services and network file systems are stressed. Additional topics include: setting up and maintaining user accounts, protecting network data, network printing, management of devices, application software, workstation management, data communications and network security. This course contains knowledge units typically needed for professional certification. The lab portion of the course incorporates a widely used network operating system by Novell and/or Microsoft. Students who have completed CMP 208 will not get credit for ITE 223. (4.5 lecture hours). Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

ITE 252 - Database Management

Prerequisites: A grade of C or better in both CSC 104 and ITE 101. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is an introduction to database processing for business applications. Emphasis is placed on the design, implementation and administration of a database as well as the use of Structured Query Language (SQL). Students will develop applications using a popular DBMS software package. Students who have completed CMP 252 will not get credit for ITE 252. (4.5 lecture hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

ITE 253 - Network Management II

Prerequisites: A grade of C or better in ITE 223. Students must have satisfied all

MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is designed to cover advanced concepts in network configuration and implementation. Topics include methods of installation, and upgrading of server operating system software along with implementation, merging and integration techniques. Configuration and applications of multiple protocols including, Web server and File Transfer Protocol (FTP) services, will also be discussed. This course contains knowledge units typically needed for professional certification. This course will incorporate a widely used network operating system by Novell and/or Microsoft. Students who have taken CMP 209 will not get credit for ITE 253. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

ITE 254 - Web Programming II

Prerequisites: A grade of C or better in ITE 204. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting this course.

Description: This course offers students advanced instruction in web programming via server-side and client-side programming languages and database integration. Students develop interactive web pages to understand how web professionals build e-commerce and search sites in the job marketplace. Languages PHP, JSP, and CSS are used and integrated with MySQL. Various development tools are explored.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

ITE 264 - Applications Development

Prerequisites: A grade of C or better in ITE 204 or CMP 219 or permission of the Department; concurrency with ITE 252 permitted. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course introduces to the student computer programming using a GUI (Graphical User Interface) programming language. Business and information system applications are developed using Visual Basic. NET. The course provides the concepts of event-driven programming, terms, rules, and programming components for database application development. Students who have completed CMP 214 will not get credit for ITE 264. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

Japanese

JPN

JPN 101 - Beginning Japanese I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening, comprehension, and simple conversational patterns. This course is not intended for students of Japanese speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN-ED-HUM

Credit Hours: 3

Department: Foreign Languages

JPN 102 - Beginning Japanese II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. JPN 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Jewish Studies

JWS

JWS 101 - Introduction to World Jewish Studies

Description: This course introduces students to the multicultural diversity of the Jewish community. By reading, viewing, and discussing historical and contemporary material, students learn about Jewish traditions and cultures, including Mizrahi (Eastern, African), Sephardi (Iberian), Ashkenazi (non-Iberian European). Students explore the global spectrum of Jewish experience and identity.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

Latin American Studies

LAS

LAS 101 - Introduction to Latin American Studies

Description: This course introduces students to the multidisciplinary study of diverse nation, traditions, experiences, and concerns of people in Latin America. Class, race, and ethnicity issues, gender, language, and identity will be explored through a variety of media. Sociological, political, literary, historical, and theoretical contexts will frame the examination of subjects such as family, religion, ideological perspectives, (neo) colonialism, labor, the state, the economy, the environment, and the arts.

SUNY GEN ED-n/a; NCC GEN ED-GLNW, PLDI, WESH

Credit Hours: 3

Department: Multidisciplinary Studies

LAS 105 - Introduction to Latino/a American Studies in the U.S.

Description: This course is an introduction to the interdisciplinary study of Latinas and Latinos in the U.S. Students will examine the integration of various groups such as Puerto Rican, Mexican-American, Cuban, and Central American into a large society; the diverse contributions made by and issues facing the communities: immigration, assimilation, racism, identity, bilingualism, generational differences, political representation, social and economic status, education, and forms of art; music and entertainment.

SUNY GEN ED-n/a; NCC GEN ED-PLDI

Credit Hours: 3

Department: Multidisciplinary Studies

LAS 222 - Latin American Literature

Prerequisites: ENG 102 or ENG 109.

Description: (Dual Listed with ENG 222) This course introduces students to the range of traditions that comprise the literatures of Latin America. It will examine literary productions in specific cultural and historical contexts. Spanish, Portuguese, and Francophone literature, as well as indigenous works from such countries as Brazil, El Salvador, Argentina, Cuba, Puerto Rico, and Mexico will be studied in translation. Writing is an integral component of this course. This course may not be used for foreign language credit.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, PLDI

Credit Hours: 3

Department: Multidisciplinary Studies

Latin

LAT

LAT 101 - Beginning Latin I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: The essentials of Latin grammar and vocabulary. Selected readings from prose authors. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

LAT 102 - Beginning Latin II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. LAT 101 or equivalent.

Description: The essentials of Latin grammar and vocabulary. Selected readings from prose authors. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Legal Studies

LAW

LAW 103 - Business Law I

Description: An overview of the Law and the American legal system and court structure; an extensive study of the basic principles of the law of contracts, sales, and security devices.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 104 - Business Law II

Prerequisites: LAW 103.

Description: The legal aspects of business including basic principles of real and personal property, bailments, wills and intestate succession. It will also cover business arrangements including partnerships, corporations, limited liability companies as well as commercial paper.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 105 - Introduction to Current Law

Description: The course explores the structure and function of our judicial system, focusing on basic areas of civil law including those dealing with employment, housing, marriage, contracts and banking. Legal transactions such as wills, mortgages and leases will be analyzed. The course prepares students for the myriad of real life situations they will encounter. For non-business majors only.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 106 - Sports and the Law

Description: Understanding the law in connection with the world of sports is important because the business of sports is a multibillion dollar industry that provides a variety of employment opportunities. Through the subject of sports, the course will cover topics in the law such agency, contracts, torts, crimes, discrimination towards women and persons with disabilities, international law, antitrust and labor law, intellectual property and alternative dispute resolution.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 201 - The Nature and Functions of Law

Description: (Honors and non-Honors section) A study of the origins and evolution of law in America. Our legal institutions and judicial systems will be examined. Contemporary legal issues will be explored. The student will learn to appreciate how law helps us to resolve our conflicts and address our problems through various legal techniques. This course will not focus on specific laws and rules, but rather on understanding the nature of law, how it affects us and what its limitations are.

SUNY GEN ED-n/a; NCC GEN ED-PLDI

Credit Hours: 3

Department: Legal Studies

LAW 300 - Introduction to Law and the Legal System

Description: A study of the American legal system, including its historical development and judicial structure. The course will emphasize legal process, reasoning, and analysis. The student will also learn about the paralegal profession, including its ethical responsibilities.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 301 - Litigation

Prerequisites: LAW 305.

Description: A study of the lawsuit with an emphasis on pleadings. The student will study and will be required to prepare such documents as the summons, complaint, answer, interrogatories, motions, orders to show cause, and orders. Some of the other topics to be covered are pretrial settlements, releases, and enforcement of judgments.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 302 - Partnerships and Corporations

Prerequisites: LAW 305.

Description: An in-depth study of the law of partnerships, corporations, and limited liability entities. An analysis will be made of the creation of the partnership as well as its termination. New York State corporate requirements will be analyzed with a view of the creation and termination of the corporation. The student will be required to prepare the various partnership and corporation agreements and documents.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 303 - Estates and Administration

Prerequisites: LAW 305.

Description: The study of wills, intestacy, and administrative proceedings. The student will study basic aspects of estate planning, will preparation, probate, and administration.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 304 - Real Property

Prerequisites: LAW 305.

Description: A study of the various types of real property relationships and transactions. Such areas as contracts, deeds, mortgages, leases, and title searches will be reviewed. The student will be required to prepare the various real property documents, compute closing adjustments, and prepare closing statements.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 305 - Legal Research and Writing

Prerequisites: LAW 300

Corequisites: LAW 300.

Description: The course will serve two functions: first, to teach the paralegal to use a library effectively in conducting legal research; and second, to prepare a written memorandum dealing with the results of this research.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 306 - Practicum

Prerequisites: All LAW courses in Paralegal Program. Permission of instructor required.

Description: Supervised practical experience in a law firm or law-related institution.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 307 - Torts and Personal Injury Law

Prerequisites: LAW 301 and LAW 305.

Description: An in-depth study of the Law of torts with emphasis on negligence. This course will familiarize students with the negligence litigation process and the practical aspects of assisting attorneys in the personal injury field. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 308 - Family Law

Prerequisites: LAW 305.

Description: A study of the marriage relationship, legal problems with children, dissolution of marriage, custody, legitimacy, adoption, change of name, guardianship, support, court procedures and separation agreements.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 309 - Law Office Management

Prerequisites: LAW 300

Corequisites: LAW 300.

Description: Introduction to basic concepts of Law office management for the Paralegal, including an examination of Law office structure, management principles, and legal ethics. In addition, the course will include an introduction to computer utilization in litigation support, legal research and case management. Students must be familiar with word processing or enroll in OFT 109 prior to taking this course.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 310 - Bankruptcy/Debtor and Creditor Law

Prerequisites: LAW 305.

Description: Introduction to the basic concepts of bankruptcy Law, including the Paralegal's role in the preparation and filing of necessary documents for Chapters 7, 11, and 13 bankruptcy cases. In addition, the student will be instructed in the use of current computer software in bankruptcy practice. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 311 - Legal Writing and Analysis

Prerequisites: LAW 300 and LAW 305.

Description: This course will emphasize the development of legal writing skills for the paralegal. The student will draft letters, briefs, memoranda, and other documents used in legal practice. The students will learn the mechanics of legal writing, stressing clear and concise expression, citation, and terminology.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

LAW 312 - Elder Law

Prerequisites: LAW 300 and LAW 305.

Description: LAW 312, Elder Law, will provide the student with knowledge of the basic concepts of elder law, including the paralegal's role in the preparation and filing of necessary legal documents such as power of attorney forms, health care proxies, living wills, advance directives and last wills and testaments. It will also focus on such topics as guardianships, health care decision making, Medicaid, long-term care housing options, various tax issues, social security and elder abuse.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Legal Studies

Library

LIB

LIB 100 - Essential Research for College Success

Description: This course introduces students to the research process: the organization, location, evaluation and ethical use of information using print, non-print and electronic resources. Through hands-on active learning activities, students will gain an understanding of basic research and information literacy skills that will aid them in college-level work and lifelong learning.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Library

LIB 101 - Introduction to Research

Description: Students develop information literacy through the selection, location, evaluation and ethical use of information sources and systems for college work and lifelong learning. Hands-on, active learning sessions familiarize students with print and digital resources, including books, periodicals, audiovisual materials, online databases and the Internet. Critical thinking projects that provide in-depth exploration of the research process reinforce skills required for academic work and college-level research projects.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Library

Logistics and Transportation Management

LOG

LOG 101 - Principles of Logistics Management I

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Development of the modes of transportation; economic, social and political systems within which the various modes of transportation operate and the effect of these modes on the transportation of goods and passengers; analysis of present challenges and opportunities facing the railroads, airlines, motor carriers, water carriers, pipelines and third parties (forwarders, brokers, etc.); emerging concepts and technologies. The student is introduced to the concept of the systems approach to distribution and logistics management, including existing and emerging communications systems. Also reviewed is regulation and deregulation affecting national and international transportation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 102 - Principles of Logistics Management II

Prerequisites: LOG 101 or permission of the Department. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Further analysis of the issues related to the shipper, carrier and consignee of goods; documentation; responsibility and liabilities of shippers, carriers and third parties; handling of claims; routing; types of regulation and deregulation and the regulatory agencies; procedures used in determining freight rates and services. The student is made aware of some of the more complicated issues associated with distribution and logistics management, including the planning and evaluation of its effectiveness. Simulations of these concepts are discussed at length.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 103 - Systems of Intermodal Transportation

Prerequisites: LOG 101 and LOG 102 and MAT 102. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Overall description of various modes of transportation and logistics systems as they relate to statistical and mathematical models and computer simulations to determine optimum operating conditions and opportunities under which modal and intermodal transportation systems exhibit economically efficient performances. Includes game theory analysis of alternative situations. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 104 - Railroad and Motor Carrier Transportation and Logistics

Prerequisites: LOG 101 or LOG 102 and MAT 102. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Development of railroad and motor carrier transportation; importance of intermodalism and communications; types of services rendered; equipment utilized; rates; rules, regulations, and insurance; routing techniques and optimization; analysis of operations and current problems utilizing stochastic models, queuing theory and computer simulations; emerging concepts and technologies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 105 - Water and Airline Transportation and Logistics

Prerequisites: LOG 103. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Development of water and air transportation; importance of intermodalism and communications; port and airport operations; services provided; equipment used; rate and service structures and formulation, rules, regulations, insurance, routing techniques and optimization; analysis of operations and competitive alternatives utilizing stochastic models, modal split models, queuing theory and computer simulations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 106 - Intermodal Transportation and Logistics in International Trade

Prerequisites: LOG 101 or LOG 102. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Growing interdependence between domestic and international trade and business relationships; terminology of international trade, role of international corporations; documentation; financial procedures; communications; regulations; political issues.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

LOG 107 - Intermodalism and Transportation Regulations

Prerequisites: LOG 102. Students must have satisfied MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: International, Federal and state regulations; response to deregulation; regulatory agencies and penalties for violations; economic and constitutional background of transportation regulations; emerging policies and their impact on present and near term transportation and logistics operations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

Mathematics

MAT

MAT 001 - College Preparatory Mathematics

Description: A non-credit course required of students not meeting the entrance requirements in Mathematics. Topics include: Integers and rational numbers, fundamental operations with integers, fractions and decimals, ratio and proportion, percent, consumer and job related problems. Hand-held calculators will be used (3 lecture hours).

SUNY GE-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Math/Computer Science/Info Tec

MAT 002 - Introductory Algebra

Prerequisites: Satisfactory completion of MAT 001 or by college placement test.

Description: A non-credit course required of students having deficiencies in Mathematics. Topics include: fundamental processes of arithmetic and algebra, factoring, linear and

fractional equations, exponents, radicals, quadratic equations and right triangle trigonometry. Hand-held calculators will be used (4.5 lecture hours).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Math/Computer Science/Info Tec

MAT 003 - Integrated Arithmetic and Introductory Algebra

Description: A non-credit course that is a one-semester option to replace the two-semester sequence of MAT 001 and MAT 002. Eligibility by advisement. Arithmetic and algebra will be integrated throughout the semester. Emphasis will be placed on fundamental operations of integers and rational numbers, ratio and proportion, percents, factoring, linear and fractional equations, exponents, radicals, quadratic equations, and right triangles. Various relationships will be explored both graphically and analytically. Hand-held calculators will be used (4.5 lecture hours).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Math/Computer Science/Info Tec

MAT 100 - A Topical Approach to Mathematics

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Fundamental Mathematics topics and their applications. Topics include: problem solving, number systems, geometry, consumer mathematics, mathematical modeling, probability, management science, and social choice and decision making. A scientific calculator is required. (4.5 lecture hours)

(Students will not receive credit for both MAT 100 and MAT 114).

SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 101 - Concepts of Mathematics

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Topics include: formal symbolic logic, arguments, methods of proof; basic concepts of sets, set operations and probability. Consideration of number systems and computers.

SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 102 - Introduction to Statistics

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Appropriate and inappropriate uses of statistics, measures of central tendency and variability, basic concepts of probability, the binomial, normal and 't' distributions, testing hypotheses, estimation, chi-square, linear regression, and correlation.
SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 103 - Applied Statistics

Prerequisites: MAT 102. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. Course A taken over two years is not "two years of high school Regents mathematics." Course A taken over three years is not "three years of high school Regents mathematics."

Description: A course for students concentrating in liberal arts, social science, humanities, and statistics. Through the use of computer software packages such as Excel, Lotus 1-2-3, Statistical Package for the Social Sciences (SPSS), and Minitab, the basic and more advanced ideas of descriptive and inferential statistics are studied.
SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 109 - Algebra and Trigonometry

Prerequisites: Two years of Regents H.S. mathematics, with at least a 78% on Math A Regents; or at least a 75% average in two years of Regents H.S. mathematics; or satisfactory completion of MAT 002. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. This course considers fundamental ideas from algebra, trigonometry, and geometry. A problem solving approach is used. (4.5 lecture hours)
SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 111 - Pre-Calculus

Prerequisites: Three years of Regents H.S. mathematics, with at least a 78% on Math B Regents; or at least a 75% average in three

years of Regents H.S. mathematics (including trigonometry - i.e. Sequential 3); or at least a 'C' in MAT 109 or MAT 116. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. A primer course for the study of Calculus. The function concept plays the unifying role in the study of polynomial, rational, exponential, logarithmic, and trigonometric functions. The modeling of elementary functions is stressed and topics are presented graphically, numerically, analytically, and verbally (following the Rule of Four). Technological support using a graphing calculator is integrated throughout the semester. In addition, appropriate computer software may also be available. (4.5 lecture hours)
SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 112 - Calculus with Applications in Business and Social Sciences

Prerequisites: At least 75% average in four years of H.S. mathematics including at least a 75% average in Regents Sequential 3 or at least a C in MAT 111 or MAT 117. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. This course is not recommended for Math, Engineering, Science or Computer Science students and it does not satisfy the prerequisite for MAT 123. This course is intended to introduce the fundamental concepts and techniques of calculus to the non-science student. Special emphasis is given to applications in Business and Social Sciences. Topics include functions and graphs; the derivative and differentiation techniques of algebraic, exponential and logarithmic functions of a single variable; the concept of margin in economics; elasticity of demand; differentials; related rates and optimization problems; growth and decay applications; integrals and integration techniques; application of integrals, including producer's and consumer's surplus; income streams, probability. (4.5 lecture hours)
Students will not receive credit for both MAT 112 and MAT 122.
SUNY GEN ED-MAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 114 - Foundations of Mathematics for Educators

Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course is intended for students who are interested in teaching at the elementary school level. Topics will include a development of binary algorithms, the real numbers, field properties of the real number system as applied to abstract mathematical systems, numerations systems, functions and equivalence relations, solving systems of algebraic equations and number theory including some algebraic proof. Applications, historical perspectives, problem solving, and use of the technology will be emphasized in all topics. Students will not receive credit for both MAT 100 and MAT 114. (3.0 lecture hours)
SUNY GEN ED-n/a; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 116 - Engineering Technical Math I

Prerequisites: Two years of Regents H.S. mathematics, with at least a 78% on Math A Regents; or at least a 75% average in two years of Regents H.S. mathematics, or satisfactory completion of MAT 002. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Designed for students in Engineering Technology Programs. Operations with real numbers; exponents and scientific notation; equations and inequalities; functions and graphs; system of equations and determinants; triangle trigonometry and introduction to general trig definitions; algebraic products and factoring; solving equations by factoring and quadratic formula; fractional equations and operations with algebraic fractions.

Applications are considered from various scientific, technical, and practical areas. (4.5 lecture hours) Students will not receive credit for both MAT 109 and MAT 116,
SUNY GEN ED-GMAT; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 117 - Engineering Technical Math II

Prerequisites: Three years of Regents H.S. mathematics, with at least a 78% on Math B Regents; or at least a 75% average in three years of Regents H.S. mathematics (including trigonometry - i.e. Sequential 3); or at least a C in MAT 109 or MAT 116. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Designed for students in Engineering Technology. Rational exponents and radicals; functions and their graphs; polynomial, exponential, logarithmic and trigonometric functions; conic sections; introduction to derivatives and integrals. Applications are considered from various scientific, technical and practical areas. (4.5 lecture hours) Students will not receive credit for both MAT 111 and MAT 117.

SUNY GEN ED-GMAT; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 118 - Finite Mathematics: Quantitative Analysis

Prerequisites: Three years of Regents H.S. mathematics, with an 80% on Math A Regents; or at least a 75% average in three years of Regents H.S. mathematics, including Sequential 3; or at least a C in MAT 109. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course covers applications of finite mathematical models, primarily to problems in business and management. Matrix operations, Markov analysis, Gauss-Jordan elimination, input-output analysis, linear programming and the simplex method, game and decision theory will be addressed. SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 122 - Calculus I

Prerequisites: A minimum average grade of 75 in high school precalculus or at least a C in MAT 111 or MAT 117. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Definitions of limit, continuity and derivative; rates of change, tangent to a curve, chain rule; derivatives of elementary functions, products, quotients; higher order, implicit and inverse differentiation; mean value theorem; maxima and minima; differentials; definition of the definite integral, Fundamental Theorem of Integral Calculus; applications; integration of elementary functions. (4.5 lecture hours) Students will not receive credit for both MAT 112 and MAT 122.

SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 123 - Calculus II

Prerequisites: At least a C in MAT 122. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Methods of integration; improper integrals, applications of the definite integral including volume and surface area of solids of revolution; introduction to mathematical modeling using differential equations; Euler's method; separation of variables; slope fields; introduction to infinite series. (4.5 lecture hours) SUNY GEN ED-GMAT; NCC GEN ED-MATH

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 131 - Probability with Statistical Inference

Prerequisites: At least a C in MAT 123 (Calculus II). Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Probability as a mathematical system: sample spaces, probability axioms, simple theorems. Permutations, combinations, Bayes theorem. Random variables; discrete and continuous probability and distribution functions: binomial, hypergeometric, Poisson, and normal distributions. Methods of estimation and hypothesis testing. SUNY GEN ED-n/a; SUNY GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 200 - Foundations of Advanced Mathematics

Prerequisites: At least a C in MAT 123. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: This course introduces students to concepts requisite for advanced mathematical study. The main emphasis is on the development of sound mathematical reasoning and construction of solid mathematical proofs. Mathematical ideas and concepts from the foundations of the number system, set theory, logic, algebra, calculus, number theory and other advanced fields are selected as illustrations. Students are challenged to develop their own conceptual understanding of mathematical proofs, and to defend their mathematical reasoning. AUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 225 - Multivariable Calculus

Prerequisites: At least a C in MAT 123. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Curves and surfaces in three dimensional space, partial derivatives, gradient, constrained and unconstrained optimization, vector fields, parametric curves and surfaces. Integration topics include multiple integrals, volume, area, mass, line and surface integrals, flux, divergence. (4.5 lecture hours) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Math/Computer Science/Info Tec

MAT 226 - Linear Algebra and Differential Equations

Prerequisites: At least a C in MAT 225. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Vectors and vector spaces, linear dependence, orthogonality and bases. Matrices and their ranks; transposes and inverses; symmetric and echelon matrices. Characteristic vectors and equations. Solving linear differential equations using the principles of linear algebra (e.g. undetermined coefficients, variation of parameters, etc.). (6 lecture hours) SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Math/Computer Science/Info Tec

MAT 234 - Elementary Differential Equations

Prerequisites: At least a C in MAT 225. Students must have satisfied all MAT, ENG001 and RDG 001 remediation requirements prior to starting the course.

Description: *See calculator note in catalog. Methods for solving first-order differential equations, including integrating factors, substitution methods, separable and exact equations; constant coefficient second and higher-order differential equations; series solutions; Laplace Transform techniques; applications to the physical, engineering and life sciences. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 235 - Algebraic Structures

Prerequisites: MAT 225. Students must have satisfied all MAT, ENG 001 and RDG 001

remediation requirements prior to starting the course.

Description: Groups, rings, integral domains, and fields with applications to the integers, rationals, and the real and complex number systems.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

MAT 241 - Discrete Mathematical Structures

Prerequisites: MAT 122. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.

Description: Basic concepts of discrete mathematics: logic and set theory, proof techniques, relations, functions, combinations, recurrence relations, introduction to analysis of algorithms, and graph theory. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-MATH

Credit Hours: 3

Department: Math/Computer Science/Info Tec

Multi-Disciplinary Courses

MDC

MDC 101 - The Making of the Modern Mind I

Description: This course explores the foundations of 20th-century Western Modernism, powerful ideas that transformed human attitudes and brought revolutionary changes that still shape contemporary thought today. Topics include views of evolution, human nature, social conflict, and laws of the universe. The ideas of Darwin, Marx, Freud, Einstein and others are studied. (General Elective credit.)

SUNY GEN ED-GHUM, GWEH; NCC GEN ED-WESH

Credit Hours: 3

Department: Multidisciplinary Studies

MDC 102 - The Making of the Modern Mind II

Description: This course examines how modern ideas contributed to global awareness and provided insight into psychology and human nature. Study the works of modern artists, writers, musicians and filmmakers; understand the roots of feminism, existentialism, science fiction, and the power of mass media. (MDC 101 useful but not a prerequisite. Earns Humanities credit.)

SUNY GEN ED-GHUM; NCC GEN ED-WESH

Credit Hours: 3

Department: Multidisciplinary Studies

MDC 110 - Studies in World Culture

Description: This course explores the diversity of human experience through case studies of Asian, Latin American, and Islamic cultures. A close look at the heritage of art, literature and religion in Egypt, Mexico and Japan illuminates issues that shape national identity and the position of these cultures in the world today. (General Elective credit.)

SUNY GEN ED-GOWC; NCC GEN ED-GLNW

Credit Hours: 3

Department: Multidisciplinary Studies

MDC 120 - Issues in Science Technology and Society

Description: This course introduces the student to the interrelationship of science, technology, and society through the study of selected issues, such as biodiversity, genetic engineering, and communications. The course examines how modern technology affects society and the environment, and also how social institutions shape the development and use of new science and technology. (General Elective credit.)

SUNY GEN ED-GHUM; NCC GEN ED-n/a

Credit Hours: 3

Department: Multidisciplinary Studies

MDC 130 - Major Ideas in the Post-Modern World

Description: This course follows the making of the modern mind into the 21st century, exploring post-modern thought in Western and non-Western societies. It examines the effects of diversity in the post-colonial and post-Cold War world, the effects on language and personal communication, the media, the arts, science and disease, medical ethics, and implications for future life on the planet. (MDC 101 and MDC 102 are helpful but not prerequisites. Earns Humanities credit.)

SUNY GEN ED-GHUM; NCC GEN ED-GLNW, PLDI

Credit Hours: 3

Department: Multidisciplinary Studies

Multi-Disciplinary Science Courses

MDS

MDS 101 - Connecting the Sciences - A Macroscopic Approach

Description: This course introduces basic concepts of biology, chemistry, physics, and geology in order to examine the evolution of life in the context of the evolution of the earth and the evolution of the universe. It develops an understanding of fundamental forces, conservation of energy, heat and temperature, light, stellar evolution, solar energy and photosynthesis, evolution of the earth and its atmosphere, and evolution of life. The many topics investigated include the existence of black holes, current theories of plate tectonics, and extinction of the dinosaurs. The course emphasizes hands-on laboratory investigations. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

MDS 102 - Connecting the Sciences - A Microscopic Approach

Description: Note that MDS 101 is not a prerequisite for this course. This course integrates the study of the physical and life sciences in order to understand the organization of atoms into living and non-living structures-to explore the threshold between the animate and inanimate. The goal is to examine the physics chemistry and biology of a living cell and contrast these cells with inanimate crystals. Students will gain an understanding of atomic and molecular interactions, organic and inorganic molecules, crystals and crystal growth, cellular structure, nucleic acids, and genetic engineering. The course emphasizes hands-on laboratory investigations. (3 lecture, 3 laboratory hours) Laboratory fee applies.)

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

Marketing

MKT

MKT 100 - Introduction to Marketing

Description: Principles and methods employed in all phases of the distribution of goods and services from the producer to consumer. Emphasis on marketing activities includes product planning, consumer behavior, advertising, and marketing research. An overview of the dynamics of marketing which acquaints the student with the general philosophies of the business world. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 101 - Business Mathematics

Description: May not be used for Mathematics requirement. The course encompasses the application of basic, standard and fundamental principles of mathematics to practical business situations. Typical problems and applications are drawn from business situations and practices.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 103 - Principles of Sales

Description: Techniques involved in retail, wholesale, and industrial level sales situations; personal requirements needed for success in the sales field; discussion of resume writing and job interview techniques; customer prospecting, product knowledge, handling objections, and closing strategies. Instructor and students evaluate actual sales presentations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 105 - Sports Marketing

Description: This course will give the student a practical and wide ranging understanding of marketing principles as applied to today's rapidly growing field of sports marketing. An historical perspective of the industry will provide the necessary framework to gain insight into the present and future sports marketing environment. Topics include how colleges, individual athletes, pro and amateur teams, sports facilities, the Olympics and companies who manufacture sporting goods and related products successfully reach their target markets.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 106 - Principles of Advertising

Description: An introductory course covering history, functions, principles, and applications of advertising. Topics include copywriting, selection of media, budgeting, print and broadcast production, and the role of the advertising agency and research. Students will develop an advertising campaign.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 108 - Direct Response Marketing

Description: An introduction to the specialized field of direct response marketing. Topics include mail order entrepreneurship, product conception, marketing plans, use

of mailing lists, media strategy, catalog development, creation of copy and graphics, case analysis and term project. Guest speakers from industry and/or field trips are scheduled.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 112 - Small Business Marketing

Description: The success of the small business marketer is challenged by large multinational corporations. This course explores how to meet these challenges and overcome the obstacles presented in the current marketing environment. Particular emphasis is placed on the development of guerilla marketing techniques that small business enterprises can employ. Topics include: building a powerful marketing plan, using e-commerce, building a competitive advantage, recognizing cultural diversity, integrating marketing and pricing strategies, choosing the right location and layout, and using small business marketing plans for globalization.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 130 - Marketing Research

Prerequisites: MKT 100.

Description: Techniques of marketing research and other applications to practical marketing problems; information gathering methods, questionnaire formulation, sampling, and report writing. Includes an actual research study, which will be conducted by students.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 134 - Sales Management

Prerequisites: MKT 103.

Description: Students investigate the dynamics of managing the selling function. Case analysis and role playing exercises are utilized to develop better understanding of the importance of planning, organizing, directing, and controlling the sales department.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 136 - Marketing Management

Prerequisites: MKT 100.

Description: Management and coordination of marketing functions, with special attention to product planning and development, pricing, communications, physical distribution, and channels of distribution. Students participate in

a computerized competitive marketing strategy simulation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 138 - Public Relations

Description: Essentials of public relations practice as related to business problems. Organization of public relations work, analysis of major sectors of the public and application of latest public relations techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 142 - Field Training

Prerequisites: Permission of Department Course Coordinator.

Description: Students work for appropriate business firms, institutions and/or agencies to enrich the theoretical concepts previously developed in the classroom.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 145 - Consumer Motivation and Buyer Behavior

Description: This course is an overview of the processes and procedures of consumer research, segmentation of the American market according to demographic and psychological data. A description of the consumer movement and its impact on the marketing of goods and services to the American consumer will be covered.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 155 - Introduction to International Marketing

Prerequisites: MKT 100.

Description: This course will introduce the student to the fundamentals of International/Multinational Marketing. The course of study includes: The International Environment, International Marketing Activities, Global Marketing Management. It covers the channels of international distribution and the financial and logistical aspects of International Marketing.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 160 - Customer Service

Description: This survey course will prepare the student for advanced study in the area of

customer service. An extensive vocabulary of customer service terms will be developed and students will understand the basics of customer service, credit, collection, authorization services and fraud control.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 170 - Procedures and Salesmanship for Kitchen and Bath Designers

Prerequisites: INT 101, INT 104, INT 105, INT 115, ENS 101.

Description: Must be enrolled in the Kitchen and Bath Certificate Program. Completion of this course allows Kitchen and Bath Design students to demonstrate ethical knowledge of business practices including the NKBA Standards of Conduct in conjunction with common business contracts to be inclusive of NKBA business tools and forms. Students will develop an understanding of management policies including profit margin, business plans, human resource practices, marketing and advertising. Students will also learn the key presenting and selling techniques required of successful designers and business professionals.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

MKT 600 - Cooperative Partnership with Industry

Prerequisites: Students required to take ENG 001, RDG 001, RDG 002, MAT 001, MAT 002 or MAT 003 must successfully satisfy all remedial requirements prior to taking this course. In addition, students must have completed a minimum of 12 credits and be in good academic standing. Permission of the instructor.

Description: The course provides supervised, practical, paid, full-time experience at institutions that offer students opportunities to which they apply concepts learned in the classroom. Written reports demonstrating understanding of theories and their applications are an integral part of the curriculum. Travel and living expenses may be incurred contingent upon placement.

SUNY GEN ED-n/a; NC GEN ED-n/a

Credit Hours: 6

Department: Marketing & Retailing

Mortuary Science

MSC

MSC 111 - Funeral Orientation

Description: The survey and study of funeral practices from the year 4000 B.C. in Egypt to the present in America.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 112 - Public Health and Sanitation

Description: A survey of Public Health problems, organisms causing infectious diseases, agencies, etc.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 124 - Anatomy for Embalmers I

Description: The first of two semesters covering human anatomy and physiology. Discussions of cells, tissues, organs, organ systems, the integument and detailed examination of the skeletal system. The heart, lymph and blood vascular systems are introduced. (2 lecture hours, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 127 - Funeral Home Management

Description: A detailed study of management techniques and procedures used in the operation of a funeral home. This study will include an examination of broad-based goals and objectives required of a successful Funeral Home Manager. This course will then take a specific look at concepts and procedures designed to maximize the profitability of the funeral home operation. Topics such as employee relations, professional associates and client family relationships will be examined. The procedures related to management of disaster planning and multiple funeral industry cooperative procedures will be investigated as they pertain to recent industry innovations.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 234 - Mortuary Law and Ethics

Description: A study of mortuary jurisprudence and business law. Application to professional and business aspects of funeral home operation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 235 - Anatomy for Embalmers II

Prerequisites: MSC 124.

Description: Detailed continuation of angiology, splanchnology-digestive, excretory

and respiratory systems, including selected regions of the muscular system. The nervous, endocrine and reproductive systems are discussed. (2 lecture hours, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 236 - Embalming Theory I

Prerequisites: MSC 124.

Description: Lectures dealing with the basic principles and techniques of the embalming process.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 237 - Embalming Laboratory I

Prerequisites: MSC 112, MSC 124 and MSC 236.

Corequisites: MSC 236.

Description: Clinical experience in embalming processes taught at Bellevue Hospital in New York City. (4 laboratory hours) Approximate cost of supplies: \$95. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1.5

Department: Mortuary Science

MSC 238 - Pathology

Prerequisites: MSC 124.

Description: Discussion of pathological changes as related to disease process and the effects of physical as well as chemical trauma on the human body. Post-mortem visual materials are used to illustrate these processes. (2 lecture hours, 2 laboratory hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 241 - Restorative Art

Prerequisites: MSC 124.

Description: The practical application of modeling technique and cosmetology to restore facial features damaged by trauma and disease. (2 lecture hours, 2 laboratory hours) Approximate cost of supplies: \$25. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

MSC 245 - Funeral Directing with Practicum

Prerequisites: MSC 237.

Description: A detailed study of management techniques and procedures used in the operation of a funeral home. A supervised practicum assignment at cooperating funeral homes is included. (3 lecture hours, 6 laboratory hours) Lab fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 5

Department: Mortuary Science

MSC 247 - Embalming Theory II

Prerequisites: MSC 236.

Description: Lectures continuing with the principles, techniques, and practices of the embalming process. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Mortuary Science

MSC 248 - Embalming Laboratory II

Prerequisites: MSC 236.

Corequisites: MSC 247.

Description: Clinical experience continues in practical embalming processes taught at Bellevue Hospital in New York City. (4 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1.5

Department: Mortuary Science

MSC 249 - Funeral Counseling and Psychology

Prerequisites: PSY 203.

Description: An introductory study of behavioral emotions and needs of an individual that has recently experienced a death in the family or of a close friend. Counseling techniques and recommendations are introduced and discussed through the use of study groups and role playing. Practical situations are portrayed and analyzed. Selected current readings are discussed. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Mortuary Science

Music

MUS

MUS 000 - Applied Music Master Class

Description: A weekly performance class. Specifics of solo and ensemble performance practice are discussed. Studio performances by students, faculty and visiting artists and ensemble experiences (if appropriate) are given. (1 hour).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Music

MUS 037 - Preparatory Sight-Singing

Description: Required course for students who wish to major in music but do not meet the Department's requirements. Pitch matching, sight-singing of simple diatonic melodies, concentrated work on rhythm, beginning melodic and rhythmic dictation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Music

MUS 100 - Listening to Music

Description: Basic concepts and development of listening perception. Compositions to be discussed include vocal and instrumental works of the 18th, 19th and 20th centuries selected to show the development of Western musical art. A requirement for the course is that students must attend concerts, one of which must be at a major concert hall in the metropolitan area, during the semester. This course cannot be applied to a degree in music. SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 101 - Rudiments of Music

Description: Notation, clefs, key signatures, major and minor scales, meter signatures, intervals. The course cannot be applied to a music degree. Required course for students who wish to major in music but do not meet the Department's entrance requirements. A grade of B or higher is required of prospective music majors.

SUNY GND-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

MUS 102 - Beginning Piano

Description: A course designed for beginners only. Classes have a maximum of 12 students using electronic pianos. Areas covered include piano technique, music reading, playing by ear, improvisation and harmonization. Owning a piano is desirable but not essential, since the Music Department offers practice facilities. (Students may be required to trim fingernails.)

Students are required to provide headphones. SUNY GEN ED-GART; NCC GEN ED-HUM, FAPA

Credit Hours: 3

Department: Music

MUS 103 - Beginning Guitar

Description: A course designed for beginners only. Classes have a maximum of 15 students. Obtaining an acoustic instrument is the

student's responsibility, since the College does not provide guitars for student use. Areas covered include guitar technique, developing concepts of melody, harmony and rhythm particularly in providing accompaniments for folk singing. (Students may be required to trim fingernails.)

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Music

MUS 104 - Introduction to Music Literature

Prerequisites: Successful completion of music placement examination.

Description: An exploration into the expressive, formal and aesthetic qualities of music. A survey of the development of musical style through the study of representative works from each historical period.

SUNY GEN ED-GART, GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 105 - Opera Appreciation

Description: Introduction to opera as an art form through the study of its musical, dramatic and stylistic development from 1600 to the present. Attendance at an opera performance required. Open to all students.

SUNY EN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 106 - The Symphony

Description: Introduction to the symphony as an art form through the study of its musical and stylistic development from the 18th century to the present. Attendance at a symphony orchestra concert is required. Open to all students.

SUNY GEN ED-n/a; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 107 - Contemporary Music

Description: Introduction to 20th-century concert music. Important works will be studied and emphasis placed on the relationship between contemporary music and other aspects of the contemporary world. Concert attendance may be required. Open to all students.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

MUS 108 - Folk Music

Description: Folk music in Western culture. Consideration will be given to the function of folk music as illustrated through specific examples, with attention to research methodology used in the field of folk music. Open to all students.

SUNY GEN ED-n/a; NCC GEN ED-HUM, PLDI, WESH

Credit Hours: 3

Department: Music

MUS 109 - Orchestra I

Description: This is the first course in the MUS 109-110 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 110 - Orchestra II

Description: This is the second course in the MUS 109-110 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 111 - Freshman Chorus I

Description: This is the first course in the MUS 111-112 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 112 - Freshman Chorus II

Description: This is the second course in the MUS 111-112 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 113 - Band I

Description: This is the first course in the MUS 113-114 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 114 - Band II

Description: This is the second course in the MUS 113-114 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 115 - Jazz Ensemble I

Description: This is the first course in the MUS 115-116 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 116 - Jazz Ensemble II

Description: This is the second course in the MUS 115-116 sequence. Open to all students. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 117 - Elements of Music I

Prerequisites: MUS 101 - B or successful completion of Music Department placement.

Corequisites: MUS 127

Description: This is the first course in the MUS 117-118 sequence. Introduction to diatonic harmony and the concept of 4-part voice-leading using primary triads and inversions; non-harmonic tones.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 118 - Elements of Music II

Prerequisites: MUS 117 - Minimum grade of C or successful completion of advanced theory placement examination.

Corequisites: MUS 128.

Description: This is the second course in the MUS 117-118 sequence. Continuation of diatonic harmony and voice-leading; inclusion of secondary triads and inversions, sequential harmonic patterns. Greater emphasis on melodic-contrapuntal development.

Examination of basic principles of musical organization through analysis.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 123 - Chamber Music I

Description: This is the first course in the MUS 123-124 sequence. Rehearsal and performance of music for small instrument ensembles (duos, trios, quartets, etc.) Open to all students by audition. Contact Music Department. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 124 - Chamber Music II

Description: This is the second course in the MUS 123-124 sequence. Rehearsal and performance of music for small instrument ensembles (duos, trios, quartets, etc.) Open to all students by audition. Contact Music Department. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 125 - Vocal Ensemble I

Description: This is the first course in the MUS 125-126 sequence. Open to all students by audition. Permission of instructor required. (3 hours)

AUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 126 - Vocal Ensemble II

Description: This is the second course in the MUS 125-126 sequence. Open to all students by audition. Permission of instructor required. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 127 - Keyboard Harmony I

Corequisites: MUS 117.

Description: This is the first course in the MUS 127-126 sequence. Parallels MUS 117 with emphasis on keyboard and sight-singing skills.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 128 - Keyboard Harmony II

Prerequisites: Completion of MUS 127. Minimum grade of C is required.

Corequisites: MUS 118.

Description: This is the second course in the MUS 127-128 sequence. Parallels MUS 118 with emphasis on keyboard skills.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 129 - African American Ensemble I

Description: (Dual listed with AFR 150)

This is the first course in the MUS 129-130 sequence. Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 130 - African American Choral Ensemble II

Description: (Dual listed with AFR 151) This is the second course in the MUS 129-130 sequence. Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 132 - Music for Early Childhood Education

Prerequisites: Teacher Education Transfer Program students or permission of Chairperson.

Description: Previous music background unnecessary. Pitch notation, rhythmic and singing activities. Practical instruction on such instruments as autoharp, guitar, recorder, piano, melodic and rhythm instruments. Course cannot be applied to a degree in music. (3 hours)

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

MUS 133 - Intermediate Piano

Prerequisites: MUS 102 or permission of instructor.

Description: Course designed for the intermediate piano student. Continuation of MUS 102 with more advanced study of piano technique, selected repertoire, sight-reading, playing by ear, harmonization and improvisation. Owning a piano is desirable but not essential since the Music Department offers practice facilities.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

MUS 134 - Intermediate Folk Guitar

Prerequisites: MUS 103 or permission of instructor.

Description: Guitar technique, transposition, finger picking, accompaniment styles.

Obtaining an acoustic instrument is the student's responsibility.
SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Music

MUS 135 - Rock Music: Mirror of Change

Description: A study of cultural changes in American and English postwar society as expressed in the development of rock music. Concert attendance required.
SUNY GEN ED-GHUM, GART; NCC GEN ED-PLDI, HUM, WESH

Credit Hours: 3

Department: Music

MUS 136 - Beginning Voice Class

Description: Basics of voice technique, song preparation, repertoire and stage deportment. Areas to be covered include breathing, vocal support and placement, diction, rudiments of note reading, memorization techniques, and aspects of style and stage presence. Open to all students.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Music

MUS 137 - Sight-Singing I

Prerequisites: MUS 037 or successful completion of Music Department placement examination.

Description: Sight-singing and dictation skills I. The singing at sight of simple diatonic melodies with correct pitch, rhythm and solfege syllables; simple melodic, rhythmic and harmonic dictation.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 138 - Sight-Singing II

Prerequisites: MUS 137. Minimum grade of C required. Sight singing and dictation skills II.

Description: Continuation of MUS 137. Sight-singing of diatonic melodies with introduction of chromatic tones; dictation including 2-part counterpoint and simple chorale-style diatonic progressions.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 2

Department: Music

MUS 183 - Percussion Ensemble I

Description: This is the first course in the MUS 183-184 sequence. Rehearsal

and performance of works for percussion ensemble. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 184 - Percussion Ensemble II

Description: This is the second course in the MUS 183-184 sequence. Rehearsal and performance of works for percussion ensemble. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 185 - Guitar Ensemble I

Description: This is the first course in the MUS 185-186 sequence. Rehearsal and performance of duos, trios and larger ensemble works for multiple guitars. Limited to classical guitar students in music degree program. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 186 - Guitar Ensemble II

Description: This is the second course in the MUS 185-186 sequence. Rehearsal and performance of duos, trios and larger ensemble works for multiple guitars. Limited to classical guitar students in music degree program. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 187 - Jazz Improvisation Ensemble I

Description: This is the first course in the MUS 187-188 sequence. Rehearsal and performance of works for small jazz ensembles with an emphasis on improvisatory techniques and skills. Open to all students. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 188 - Jazz Improvisation Ensemble II

Description: This is the second course in the MUS 187-188 sequence. Rehearsal and performance of works for small jazz ensembles with an emphasis on improvisatory techniques and skills. Open to all students. (3 hours)

SNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 189 - Opera Workshop I

Prerequisites: MUS 141 or permission of instructor.

Description: This is the first course in the MUS 189-190 sequence. Audition required. Rehearsal and performance of scenes (arias, duets and larger ensemble pieces) from operas, operettas and other works for the musical stage.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 2

Department: Music

MUS 190 - Opera Workshop II

Prerequisites: MUS 141 or permission of instructor.

Description: This is the second course in the MUS 189-190 sequence. Audition required. Rehearsal and performance of scenes (arias, duets and larger ensemble pieces) from operas, operettas and other works for the musical stage.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 2

Department: Music

MUS 201 - History of Western Music I

Prerequisites: ENG 101, MUS 104 (C) or better or permission of Chairperson.

Description: An in-depth history of Western art music from its Greco-Roman origins through the Renaissance. Study of important musical genres and changes in musical style. Analysis of representative works of the Middle Ages and Renaissance. Study of the development of music notation and musical instruments. SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 203 - Song Writing

Prerequisites: MUS 101 or permission of the instructor.

Description: Student acquires enough skills to write 32-bar song with text.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

MUS 204 - History of Western Music II

Prerequisites: ENG 101, MUS 104 (C) or permission of Chairperson.

Description: An in-depth history of Western art music from the Baroque period through the Classical era. Study of important musical genres and changes in musical style. Analysis of representative works by major 17th- and 18th-century composers.

SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH, PLDI

Credit Hours: 3

Department: Music

MUS 205 - African American Music

Description: (Dual listed with AFR 155) In addition to an evaluation study of the basic musical materials of Black music and its effects on other music forms, an historical/philosophical/ political analysis and survey will be included.

SUNY GEN ED-GART, GHUM; NCC GEN ED-HUM, WESH, PLDI

Credit Hours: 3

Department: Music

MUS 206 - Modern Arranging

Prerequisites: Prerequisite or Co-requisite: MUS 217.

Description: Investigates the various arranging techniques and styles used in modern jazz writing. Included are the study of ranges, scores, harmony, voicings, textures, forms, jazz orchestration and idiomatic writing.

SUNY GEN ED-GART; NCC GEN ED-n/a

Credit Hours: 3

Department: Music

MUS 207 - Perspective on Jazz

Description: (Dual listed with AFR 152) This course is designed to explore the inception and evolution of jazz, its styles and influence on other musical types. Directed listening activities required.

SUNY GEN ED-GART, GHUM; NCC GEN ED-PLDI, HUM, WESH

Credit Hours: 3

Department: Music

MUS 208 - History of Western Music III

Prerequisites: ENG 101, MUS 104 (C) or permission of Chairperson.

Description: An in-depth history of Western art music from the Romantic period through the contemporary era. Study of important musical genres and changes in musical style. Analysis of representative works by major 19th- through 21st-century composers.

SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Music

MUS 209 - Orchestra III

Prerequisites: MUS 110 (3 hours).

Description: This is the first course in the MUS 209-210 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 210 - Orchestra IV

Prerequisites: MUS 110. (3 hours)

Description: This is the second course in the MUS 209-210 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 211 - Chorus III

Prerequisites: MUS 112.

Description: This is the first course in the MUS 211-212 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 212 - Chorus IV

Prerequisites: MUS 112.

Description: This is the second course in the MUS 211-212 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 213 - Band III

Prerequisites: MUS 114. (3 hours)

Description: This is the first course in the MUS 213-214 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 214 - Band IV

Prerequisites: MUS 114. (3 hours)

Description: This is the second course in the MUS 213-214 sequence. SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 215 - Jazz Ensemble III

Prerequisites: MUS 116.

Description: This is the first course in the MUS 215-216 sequence.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 216 - Jazz Ensemble IV

Prerequisites: MUS 227.

Corequisites: MUS 218.

Description: This is the second course in the MUS 215-216 sequence.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 217 - Elements of Music III

Prerequisites: MUS 118. Minimum grade of C required.

Corequisites: MUS 227.

Description: Analysis of Bach 371 Chorale harmonizations with writing and musical dictation; voice leading, secondary seventh chords, secondary dominants and modulations to closely related keys. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Music

MUS 218 - Elements of Music IV

Prerequisites: MUS 217. Minimum grade of C required.

Corequisites: MUS 228.

Description: Chromatic harmony: analysis of 19th-century harmonic style correlated with writing and musical dictation. Voice-leading, expanded tonality, and chromatic and enharmonic modulation. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Music

MUS 223 - Chamber Music III

Prerequisites: MUS 124.

Description: This is the first course in the MUS 223-224 sequence. Rehearsal and performance of music for small instrumental ensembles (duos, trios, quartets, etc.). (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 224 - Chamber of Music IV

Prerequisites: MUS 124.

Description: This is the second course in the MUS 223-224 sequence. Rehearsal and performance of music for small instrumental ensembles (duos, trios, quartets, etc.). (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 225 - Vocal Ensemble III

Prerequisites: MUS 126.

Description: This is the first course in the MUS 225-226 sequence.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 226 - Vocal Ensemble IV

Prerequisites: MUS 126.

Description: This is the second course in the MUS 225-226 sequence.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 227 - Keyboard Harmony III

Prerequisites: MUS 128. Minimum grade of C required.

Corequisites: MUS 217.

Description: Parallels MUS 217 with emphasis on keyboard skills.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Music

MUS 228 - Keyboard Harmony IV

Prerequisites: MUS 227.

Corequisites: MUS 218

Description: Parallels MUS 218 with emphasis on keyboard skills.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Music

MUS 229 - African American Choral Ensemble III

Description: (Dual listed with AFR 153)

This is the first course in the MUS 229-230 sequence. Participation in the production, rehearsal and performance of the African American Choral Ensemble productions. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 230 - African American Choral Ensemble IV

Description: (Dual listed with AFR 154)

This is the second course in the MUS 229-230 sequence. Participation in the production, rehearsal and performance of the African American choral ensemble performances. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 237 - Sight-Singing III

Prerequisites: MUS 138. Minimum grade of C required.

Description: Sight-singing and dictation III. Continuation of MUS 138. More difficult sight-singing, including melodies which modulate to closely related keys. More difficult dictation, including secondary sevenths, secondary dominants and modulations to closely related keys.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Music

MUS 238 - Sight-Singing IV

Prerequisites: MUS 237. Minimum grade of C required.

Description: Sight-singing and dictation IV. Continuation of MUS 237. More difficult sight-singing and dictation including 20th-century idioms; music from a variety of mediums including vocal, instrumental, chamber and orchestral works.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 2

Department: Music

MUS 283 - Percussion Ensemble III

Prerequisites: MUS 184.

Description: This is the first course in the MUS 283-284 sequence. Rehearsal and performance of works for percussion ensemble. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 284 - Percussion Ensemble IV

Prerequisites: MUS 184.

Description: This is the second course in the MUS 283-284 sequence. Rehearsal and performance of works for percussion ensemble. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 285 - Guitar Ensemble III

Prerequisites: MUS 186.

Description: This is the first course in the MUS 285-286 sequence. Rehearsal and performance of duos, trios, larger ensemble works for multiple guitars. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 286 - Guitar Ensemble IV

Prerequisites: MUS 186.

Description: This is the second course in the MUS 285-286 sequence. Rehearsal and performance of duos, trios, larger ensemble works for multiple guitars. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 287 - Jazz Improvisation Ensemble III

Prerequisites: MUS 186.

Description: This is the first course in the MUS 287-288 sequence. Rehearsal and performance of works for small jazz ensembles with an emphasis on improvisatory techniques and skills. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

MUS 288 - Jazz Improvisation Ensemble IV

Prerequisites: MUS 188.

Description: This is the second course in the MUS 287-288 sequence. Rehearsal and performance of works for small jazz ensembles with an emphasis on improvisatory techniques and skills. (3 hours)
SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 1

Department: Music

NCC 101

NCC

NCC 101 - Freshman Seminar: The College Experience

Description: An introduction to the world of higher education. The goal of the course is to give students the skills, insights, and knowledge to make the most of their college experience.

Among the topics covered:

* The philosophy, mission, and goals of higher education;

* The role of campus resources (labs, library, counseling services, extracurricular activities, etc.) in the educational process;

* Listening, note-taking, time management and study skills;

* Faculty and student expectations and responsibilities;

* Academic disciplines and their relationship to careers; and

* The college community as a mirror of cultural diversity.

The course will also help students develop sufficient motivation to pursue their studies as active, responsible learners.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: The College Experience

Nutrition

NTR

NTR 158 - Social and Cultural Aspects of Food

Description: An exploration of the social, cultural and religious aspects of food of different countries and nationalities with emphasis on ethnic groups in the United States. The food habits of various groups, identification of ethnic foods and terminology, international food guide plans and dietary rationales, and the economics of dietary intake will be investigated. Food preparation, taste testing, computer research and a field trip to a multi-ethnic market are included.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

NTR 183 - Dietary Management

Description: This course fulfills the requirements for diet therapy and nutritional planning as designed by the Dietary Managers Association for certification as a Dietary Manager. It includes one hundred and fifty hours of field experience in a clinical/institutional setting. Topics include: concepts of diet therapy, medical terminology, institutional protocol, nutritional planning in a health care setting and the Dietary Manager's role in nutritional assessment and management.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

NTR 184 - Dietary Management Field Experience

Description: Students work in selected healthcare facilities (hospitals / nursing homes) to gain experience and expertise in the field of dietary management by implementing concepts and practices acquired in the classroom. Students must complete a one hundred and fifty hour internship to be eligible to sit for the Dietary Managers Certification Exam. Coursework includes written and oral assignments and exams.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

NTR 195 - Nutrition through the Life Cycle

Description: This course stresses the practical application of nutritional concepts from pregnancy and birth through old age. Strategies for handling nutrition related problems, including infant feeding, introduction of solid foods, picky eaters, obesity issues, eating disorders, the use of nutritional supplements, sports nutrition, food guides and standards and label reading are among the subjects investigated.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

NTR 198 - Nutrition for the Healthcare Professional

Description: This course emphasizes general issues in the nutritional care and assessment of patients utilized by healthcare professionals in healthcare facilities. Topics include: Introduction to Nutrients, Digestion, Absorption and Metabolism of Nutrients, Life Cycles, Nutritional Assessment of Patients, Introduction to Diet Therapy and Nutrition Support Practices.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Hotel & Restaurant Tech

Nursing

NUR

NUR 100 - Introduction to Associate Degree Nursing

Description: This course is designed to acquaint the student who enters the nursing program at an advanced level with the philosophy and conceptual framework of Associate degree nursing. It will also introduce the role of the professional nurse and the problem-solving process as it relates to formulating a nursing diagnosis. Open to advanced standing and articulation students or by permission of the Chairperson. This course

is part of the required Nursing curriculum for students receiving advanced standing in the required nursing courses.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Nursing

NUR 101 - Fundamental of Nursing

Corequisites: AHS 131 and ENG 101 or PSY 203 or Math 102.

Description: This introductory course is planned to provide students with content fundamental to nursing practice and to nursing as a profession. It is designed to lay the foundation for all subsequent courses. Health patterns and the commonalities of nursing care are emphasized. The nursing process as a critical thinking tool is utilized to provide direct patient care. Experiences are provided in both on-campus laboratory and clinical settings. (5 lecture hours/10.5 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8.5

Department: Nursing

NUR 105 - Introduction to Medical Surgical Nursing

Prerequisites: NUR 101 or equivalent, and its co-requisites

Corequisites: AHS 132 and ENG 101 or MAT 102 or PSY 203

Description: This course is designed to further develop the student's skill in utilizing the nursing process as a critical thinking tool for identifying health problems and providing comprehensive patient care. Experiences are planned in on-campus laboratory and in acute and sub-acute care settings. (4 lecture hours/12 clinical hours/1.5 on-campus laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8.5

Department: Nursing

NUR 125 - Intermediate Nursing Skills

Prerequisites: NUR 101 or permission of the Chairperson.

Description: This course offers the student the opportunity to learn or reinforce current knowledge of technical nursing skills. Opportunities are provided for both demonstration and practice of learned skills. Skills and theoretical background are organized into a six-week module of two hours per week. This module consists of content representing an intermediate level of nursing skills. This course is open to registered nurses, licensed practical nurses, students registered in the NCC Nursing curriculum, advanced standing students, and Regents external degree

candidates. This course is not part of the required nursing curriculum. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Nursing

NUR 135 - Advanced Nursing Skills

Prerequisites: NUR 105 or NUR 125 or permission of the Chairperson.

Description: This course offers the student the opportunity to learn or reinforce current knowledge of technical Nursing skills. Opportunities are provided for both demonstration and practice of learned skills. Skills and theoretical background are taught in a six-week module of two hours per week. This module consists of content representing an advanced level of complexity. This course is not intended as preparation for employment in a critical care setting. It is open to registered nurses and students enrolled in the NCC Nursing Program. This course is not part of the required nursing curriculum. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Nursing

NUR 203 - Comprehensive Nursing Care I

Prerequisites: NUR 105 or the equivalent; co-requisites for NUR 101 and NUR 105.

Corequisites: AHS 202, PSY 216 or SOC 201 and a Humanities elective.

Description: This course is concerned with the student's continued growth of knowledge in identifying health problems as adaptations in response to stressors across the life cycle. Use of the nursing process as a critical thinking tool is applied to more complex patient situations. The commonalities and differences for the specific areas of pediatrics and psychiatry are presented in this semester. Psycho-sociocultural theory related to the family and community as well as group processes are explored. Experiences are provided in the on-campus laboratory and a variety of pediatric, psychiatric, and medical and surgical care settings. (4 lecture hours/12 clinical laboratory hours/1.5 on-campus laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8.5

Department: Nursing

NUR 204 - Comprehensive Nursing Care II

Prerequisites: NUR 203 and the co-requisites for NUR 101, NUR 105 and NUR 203.

Corequisites: ENG 102 and a Humanities Elective.

Description: This course provides the student with theory related to patient responses to complex stressors. Opportunity is provided for increasing skill in establishing nursing priorities and in utilizing the nursing process as a critical thinking tool to provide nursing care for groups of patients. Patient teaching, discharge planning, and working collaboratively as a member of the hospital and community health care team are explored. Current trends and issues in nursing practice and education are examined and the need for continued professional development is emphasized. Experiences are provided in medicine, surgery, and obstetrics in a variety of clinical settings. The semester will provide an intensive clinical practicum (consisting of 4 weeks of two extended clinical days) and nursing seminars. (3.5 lecture hours/13.5 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 8.5

Department: Nursing

Office Technology

OFT

OFT 100 - Fundamental of Keyboarding

Description: Introductory keyboarding course using Microsoft Word. Emphasis is placed on learning the keyboard reaches and developing speed and accuracy. Instruction will include the formatting and keying of letters, memorandums, and reports. The following features will be presented: enhancing text, placing and aligning text, using writing tools, managing files, and printing documents. In addition, timed writings will be given to improve speed and accuracy development. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 102 - College Keyboarding I

Prerequisites: OFT 100 or permission of the Chairperson.

Description: Fundamentals of skill building using Microsoft Word. Application of basic skills in the production of letters, envelopes, memos, outlines, reports, agendas, minutes, resumes, and tables. Emphasis is placed on the following features: processing text, formatting characters, placing and aligning text, using writing tools, managing files, and printing documents. In addition, timed writings will be given to improve speed and accuracy development. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 105 - Executive Workshop

Prerequisites: OFT 109 or permission of the Chair.

Description: A course to consolidate and reaffirm previously acquired office skills, to prepare business documents, and to acquaint the students with a wide range of office activities and procedures. (2 lecture, 2 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 107 - Machine Transcription I

Prerequisites: OFT 100 or permission of the Chairperson.

Description: This course is designed to develop competency in transcribing letters, memoranda, and other types of written communications using transcription equipment. Language arts skills are reinforced. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 109 - Word Processing Applications I

Prerequisites: OFT 102 or permission of the Chairperson.

Description: Development of word processing and office automation skills using Microsoft Word. Emphasis is placed on the following features: paragraph formatting, page numbering, footnotes/endnotes, headers/footers, styles and templates, find and replace, outline, columns, tables, and draw. In addition, timed writings will be given to improve speed and accuracy development. (2 lecture, 2 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 110 - Word Processing Applications II

Prerequisites: OFT 109 or permission of the Chairperson.

Description: This course continues the development of word processing and office automation skills using Microsoft Office. Students will prepare a wide variety of business documents. Emphasis is placed on the following features of Word: borders, columns, customizing default settings, forms,

graphics, macros, merge, outline, advanced replace features, shading, special characters, styles, tables, templates, and watermarks. Students will also prepare basic spreadsheets to incorporate into routine business documents. In addition, timed writings will be given to improve speed and accuracy development. (2 lecture, 2 laboratory hours) laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 113 - Word Processing Basics

Description: This course introduces students to the basics of word processing using state-of-the-art software. Students will receive instruction in creating, editing, and formatting letters, reports, and a variety of other documents. This course is nontransferable. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Office Technology

OFT 114 - Presentation Software Basics

Description: This course introduces students to the basics of presentation software using state-of-the-art software. Students receive instruction in inputting, editing, and formatting presentations. This course is non-transferable. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Office Technology

OFT 115 - Spreadsheet Basics

Description: This course introduces students to the basics of spreadsheets using state-of-the-art software. Students will receive instruction in retrieving data, editing, and formatting spreadsheets to be incorporated into a variety of documents. This course is non-transferable. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Office Technology

OFT 116 - Database Basics

Description: This course introduces students to the basics of databases using state-of-the-art software. Students will receive instruction in retrieving data, editing, and formatting databases to be incorporated into a variety of documents. This course is non-transferable. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Office Technology

OFT 119 - Word Processing Applications III

Prerequisites: OFT 110 or permission of the Chairperson.

Description: Using Microsoft Office, this course integrates word processing, spreadsheets, databases, and presentation applications. Through office-support simulation projects, students will share information between applications by copying, linking, and embedding data from a source application into a destination application. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 120 - Office Technology Desktop Publishing

Description: This course introduces the application of desktop publishing and computer graphics. Students design, edit, and produce high quality documents using Adobe InDesign Software (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 127 - Legal Procedures I

Prerequisites: OFT 100 or permission of the Chairperson.

Corequisites: OFT 100 or permission of the Chairperson.

Description: Introduction to litigation documents: procedures for preparing summonses, complaints, answers, counterclaims, affidavits, bills of particulars, replies, verifications, and judgments. Discussion of New York State and Federal court systems. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 128 - Legal Procedures II

Prerequisites: OFT 127 or permission of the Chairperson.

Description: Introduction to the procedure for preparing non-litigation documents, including contracts, powers of attorney, wills, and real estate papers. Discussion of probate, appeals, and motion practice. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 142 - Medical Transcription I

Prerequisites: HIT 151 and OFT 100 or permission of the Chairperson.

Description: This course is designed to develop competency in transcribing medical letters. Emphasis is on comprehension of

medical terminology, language arts, correct formatting, and proofreading. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 152 - Medical Transcription II

Prerequisites: OFT 142 or permission of Chairperson.

Description: Transcription from medical dictation tapes which include letters; chart notes; histories and physicals; discharge summaries; and operative, radiology, and pathology reports. Emphasis is on comprehension of medical terminology, language arts, correct formatting, and proofreading. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 153 - Medical Coding

Prerequisites: HIT 151 or permission of the Chairperson.

Corequisites: HIT 151 or permission of the Chairperson.

Description: Introduction to current medical coding and billing procedures. Students will develop an understanding of both the ICD-9-CM and CPT-4 coding systems and will be introduced to the terminology and procedures for preparing insurance claim forms. Students will apply theory through computer specific reinforcement exercises and activities. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 205 - Executive Work/Study

Prerequisites: OFT 105, OFT 110 or permission of the Chairperson.

Description: Supervised work experience in financial and government institutions, advertising, travel, publishing, banking, and insurance giving students the opportunity to apply their classroom skills to office situations and alert them to the realities of the business environment. Weekly seminars reinforce work experience.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 207 - Machine Transcription II

Prerequisites: OFT 107 or permission of the Chairperson.

Description: This course develops competency in transferring recorded dictation in printed form. This course includes technical skills of transcribing documents while strengthening language, punctuation, spelling, grammar, vocabulary, editing, & proofreading skills. This course also teaches listening & decision-making skills needed to produce a perfect final copy.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 225 - Legal Workshop

Prerequisites: OFT 127 or permission of the Chairperson.

Corequisites: OFT 127 or permission of the Chairperson.

Description: Legal office procedures, case management, and the litigation process. Application assignments cover the job search, filing records, preparing the court calendar, and transcribing legal letters and documents. Practice sets are assigned to reinforce and enrich litigation procedures. (2 lecture, 2 laboratory hours) Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 226 - Legal Work/Study

Prerequisites: OFT 225 or permission of the Chairperson.

Corequisites: OFT 225.

Description: Supervised work experience in cooperation with the District Attorney's office and private law firms in Nassau County and New York City. Students are introduced to legal office procedures through observation, study, and work. Weekly seminars reinforce work experience.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 230 - Web Page Formatting

Description: This course allows students to create, edit, manage, and maintain websites using Adobe Dreamweaver. Dreamweaver is one of the most popular webpage/website creation & management tools on the market. This course is open to all NCC students. No prerequisite.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 235 - E-Commerce for Office Professionals

Description: A comprehensive introduction to electronic commerce and the Internet taken from an office worker's perspective. This course is designed to help office professionals develop the necessary skills to use the Internet effectively and to provide students with an overview of the field of electronic business and information processing. This course features hands-on exercises for students who want to know how information technologies are tied together to improve business productivity. This course is open to all NCC. No prerequisite.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 240 - Formatting Business Presentations

Description: This course introduces students to the basics of managing and updating a business presentation through the use of popular presentation products. Topics include the structure of a business presentation, editing, and linking to other documents.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 244 - Business Writing

Prerequisites: ENG 101.

Description: An introduction to the principles of writing business correspondence. Emphasis on composing and editing business documents, including letters, memos, e-mail messages, and reports. Language arts skills are reinforced. (3 lecture, 2 laboratory hours) Laboratory fee applies. (Also offered online).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Office Technology

OFT 245 - Administrative Management

Description: The study of managerial functions and theory. Special attention is given to issues facing office managers including the analysis of technology, office design implementation, personnel practices and concerns, and overall management of people, procedures, and equipment. (Also offered online).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 254 - Medical Workshop

Prerequisites: OFT 100 or permission of Chairperson.

Description: Front office and administrative procedures for the medical office: reports, filing, telephone techniques, human relations, and office management. Patient information,

procedure and diagnostic codes, claim centers and service facilities, and billing information are presented using Medical Manager software. (2 lecture, 2 laboratory hours) Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

OFT 255 - Medical Work/Study

Prerequisites: OFT 254 or permission of the Chairperson.

Description: Supervised work experience in cooperation with selected hospitals, doctors, offices, and research institutions. Students are introduced to medical procedures through observation, study, and work. Weekly seminars reinforce work experience.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Office Technology

Physical Education

PED

PED 140 - Fundamentals of Swimming (C)

Description: Swimming

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 150 - Soccer (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 151 - Basketball (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 160 - Volleyball (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 161 - Tennis (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 164 - Badminton (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 168 - Lacrosse (M)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 171 - Tennis Skills (W)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 172 - Golf (C)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 178 - Fundamentals of Movement and Rhythm (C) (F)

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 181 - Volleyball

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 187 - Badminton

Description: Lab fee applies.

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 190 - Introduction to Physical Education

Description: Provides a basic overview of the Physical Education profession and its allied fields. A basic introduction to the philosophy, principles and objectives of the profession and its relation to the total educational environment.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

PED 291 - Personal Health for Physical Education and Health Majors

Description: Identification and evaluation of sound health principles, personally and professionally. The design of this course provides examination and exploration of health issues for daily living, as well as pedagogical techniques for future health and Physical Education teachers.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

PED 292 - Safety and First Aid

Description: An analysis of problems related to safety and first aid, with special emphasis on their application to Physical Education.

A study of the immediate care of injuries and their prevention. The student will be required to participate in practical examination of skills, including a pool session which involves neck and back spinal immobilization. Successful completion of this course will certify the student in the American Red Cross - Responding to Emergencies and Adult CPR.
SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Health/Physical Ed/Recreation

PED 301 - Physical Condition and Weight Training I

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 303 - Physical Conditioning and Weight Training II

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 306 - Badminton

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 312 - Golf I

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 320 - Racquetball

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 322 - Tennis I

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 324 - Tennis II

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 334 - Softball

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 335 - Volleyball

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 401 - Fitness Activities for Women

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 403 - Weight Training

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 406 - Badminton

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 420 - Racquetball

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 424 - Tennis II

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 435 - Volleyball

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 502 - Tennis I (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 512 - Golf I (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 514 - Golf II (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 519 - Self Defense (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 520 - Racquetball (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 523 - Jogging (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 524 - Tennis II (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 527 - Social Dancing (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 530 - Basic Tap Dance (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 534 - Basic Jass Dance (C)

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 551 - Yoga

Description: Lab fee applies.

Credit Hours: 0.5

Department: Health/Physical Ed/Recreation

PED 600 - Physical Education Through Athletics

Description: Physical Education principles and objectives through participation in intercollegiate athletic competition. Highly specialized skills in specific activities developed. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 601 - Adopted Physical Education I

Description: For students who have medical limitations. All students registering for this course must have prior approval of College nurse. (3 hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 602 - Adapted Physical Education II

Description: For students who have medical limitations. All students registering for this course must have prior approval of College nurse. (3 hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 611 - Fundamentals of Dance (Coed)

Description: (Coed)

Studio activity in basic contemporary techniques as they apply to performance and social dance forms for physical activity and self-expression. Emphasis placed upon elements of dance to stimulate interest in dance as participant and spectator. Lab fee applies. SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 621 - Stunts and Tumbling for Theatre

Description: The purpose of this course is to introduce and familiarize students of theater to advance skills in stunts and tumbling, acrobatics and pyramid building. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 622 - Circus Arts

Description: This course is designed to introduce the student to the basic skills of the circus. Physical Education Majors will increase their repertoire of skills in terms of eye-hand coordination, balance and learning skill hierarchy. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 634 - Outdoor Living: Wilderness, Canoeing and Camping

Description: This course is designed to provide students with practical experiences leading to an expanded appreciation of the outdoors. A two-night stay field trip experience and student fees are required.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 636 - Adventure Activities

Description: This course is designed to develop physical, social, emotional and intellectual growth through an adventure-based program. Activities will range from indoor games, initiative problems, trust and confidence activities, to indoor and outdoor low and high elements on rope courses. Some climbing and rappelling may also be included.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 640 - CPR and Basic Cardiac Life Support

Description: (Dual listed with AHS 100)

This course is designed to teach Cardiopulmonary Resuscitation (CPR) and

Basic Life Support to individuals entering the various service professions (Police, Fire), health professions and professions who are activity-oriented (recreation, lifeguards), etc. Basic procedures are covered in full, including techniques of advanced life support. Successful completion of the course meets all requirements for the American Red Cross and Heart Association Certification. It cannot be used to fulfill Physical Education course requirement for graduation.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 657 - Karate I

Description: The purpose of this course is to provide a basic understanding of Aiki-Jujutsu, a classical Japanese martial art. Our main focus of training will be the physical application of this art. Aspects of Aiki-Jujutsu including history, philosophies, and principles will be covered throughout the semester. No prior martial arts experience is necessary as this class is tailored for the beginner student. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 658 - Karate II

Prerequisites: PED 657.

Description: This course is designed for students who want to continue their Aikijujutsu training. It focuses on the physical application of techniques, applicable for an intermediate level: the sequential teaching of strikes, blocks, controls and body grabs. This class provides the opportunity to gain a more in-depth view of philosophies, techniques and principles of this martial art. Lab fee applies

SUNY GEN ED-n/a, NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 665 - Basic Swimming and Rescue Technique I

Description: Swimming and water safety instruction for the beginner and non-swimmer. This course open only to students who cannot swim 20 yards (one pool length). Basic locomotion in water and survival. (4 hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 666 - Basic Swimming and Rescue Technique II

Description: Swimming and water safety instruction on a more advanced level.

Emphasis on form and the development of the four basic strokes. (4 hours) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-PED

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 668 - Water Safety Instructor

Description: The purpose of this course is to train instructor candidates to successfully complete and teach American Red Cross Swimming classes - Levels 1 through 8. There will be a pretest for all prospective students, which will enable them to demonstrate their proficiency in water safety and aquatic skills. Upon successful completion of the course, all students will receive teaching Certification in water safety instruction. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 1

Department: Health/Physical Ed/Recreation

PED 670 - Lifeguard Training and Pool Management

Description: The objective of this course will be to focus attention on the basic skills and knowledge required by good swimmers to properly assume the responsibilities of lifeguards and managers at swimming pools or at protected (non-surf) open water beaches. All people interested in becoming a lifeguard must possess a lifeguard training Certificate. Upon successful completion of this course the student will receive all necessary certifications for employment as a lifeguard. These Certificates include Lifeguard Training, BLS for the professional rescuer and standard first aid. (Satisfactory completion of this course will provide the student with 1 credit toward the 2 credit Physical Education requirement.) Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Health/Physical Ed/Recreation

Philosophy

PHI

PHI 101 - Introduction to Philosophy

Description: Recommended as a fundamental humanities course for all students, a traditional introduction to philosophy with emphasis on analyzing and contrasting the viewpoints of certain major philosophers on the nature of man and ultimate reality; the problem of knowledge; the criteria of moral judgment; and the basic goals of human life. The relevance of the great philosophers to present-day issues is stressed.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 102 - Contemporary Philosophy

Description: PHI 101 is not a prerequisite. This course introduces students to philosophy through contemporary texts. Readings focus on the problem of meaning to explore analytic and continental philosophy. Philosophers studied include Sartre, Wittgenstein, Arendt, Cassirer, Dewey, Russell and others.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 103 - Critical Thinking

Description: This course stresses sensitivity to form as it teaches the student to identify and evaluate different types of arguments found in ordinary language. Basic concepts include deduction, induction, soundness, validity, invalidity, formal and informal fallacies, clarifying meaning, assumption identification, and causal inferences.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Philosophy

PHI 104 - Ancient and Medieval Philosophy

Description: An introduction to philosophy from an historical perspective; a systematic survey of the major philosophers from the ancient and medieval world; how they analyzed the great problems of nature, man, and society; how they were influenced by their culture and what significance they have for us today.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 105 - Renaissance and Modern Philosophy

Description: A systematic survey of the major philosophers from the Renaissance to the beginning of the 20th century; how they analyzed the great problems of nature, man, and society; how they were influenced by their culture; and what significance they have for us today.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 106 - Introduction to Ethics

Description: This course introduces students to problems in moral philosophy. The class focuses on the theoretical foundations for judgments about right and wrong, good and evil, and justice and injustice. Special attention will be paid to how these theories can help us to address issues such as the death penalty, euthanasia, and terrorism.

SUNY GEN ED-n/a; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 108 - Black Social Philosophy

Description: (Dual listed with AFR 170). An examination of the social philosophy of thinkers such as Du Bois, Garvey, King and Fanon. Particular attention is paid to oppression and the struggle for self-identity. The ideals of freedom, equality, justice and community are carefully considered.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, PLDI

Credit Hours: 3

Department: Philosophy

PHI 110 - Biomedical Ethics

Description: An inquiry into the ethical problems raised by recent biomedical advances, research and clinical practice in our 20th-century culture. Genetic research, stem cell research, abortion, human experimentation, cloning, delivery of health care services, transplantation and allocation of scarce medical services, suicide and euthanasia are the main topics to be treated.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Philosophy

PHI 111 - Business Ethics

Description: This course explores the ethical dimensions of the conduct of business and shows how philosophical reflection can aid in the discovery of rational solutions to critical problems in the world of business and economics. By focusing on selected issues, such as individual and corporate morality, profit making and social conscience, advertising and consumerism, environmental ethics and resource development, the course highlights the conflicting interests that must be weighed in arriving at decisions of major importance to business and society. Contemporary materials and studies are utilized as well as readings from traditional philosophers.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Philosophy

PHI 201 - Ethics and Law

Description: Recommended for all students and especially pertinent for pre-Law, Criminal Justice and Public Administration students, the course examines the ethical foundations and moral implications of our legal tradition. Emphasis is placed upon the analysis of key concepts of legal and philosophical importance such as justice, freedom, equality, rights, duties and property. The course utilizes readings of contemporary relevance such as recent Supreme Court decisions as well as of historical influence. Topics discussed include human rights, natural law, social justice, environmental ethics and property rights, and capital punishment among others.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 203 - Philosophy of Art

Description: A philosophic examination of the nature and value of art. Readings from major philosophers on art and its relation to religion, morals and culture in general. Specific works of art are used as illustrations.

SUNY GEN ED-GHUM; NCC GEN ED-HUM, WESH

Credit Hours: 3

Department: Philosophy

PHI 204 - Philosophy of Religion

Description: A critical examination of the nature of religion and varieties of religious experience. Topics considered include the nature and existence of God, miracles, reason and revelation, morality and religious experience. Readings are drawn from major philosophers and theologians.

SUNY GEN ED-GHUM; NCC GEN ED-HUM

Credit Hours: 3

Department: Philosophy

PHI 208 - Asian Philosophy and Religion

Description: An examination of the major living Asian philosophies and religions: Hinduism, Buddhism, Zen Buddhism, Confucianism, and Taoism. The ethical, mystical and metaphysical dimensions of each are considered. Major texts from each tradition are placed in their historical contexts, read and discussed. The significance for us today is stressed.

SUNY GEN ED-GHUM; NCC GEN ED-GLNW, HUM, PLDI

Credit Hours: 3

Department: Philosophy

Physics

PHY

PHY 101 - General Physics I

Prerequisites: High School or college algebra and trigonometry or permission of the Department. Successful completion of all remedial English and remedial Reading requirements.

Description: An introductory study of Physics designed to acquaint the student with the fundamentals of kinematics, Newton's Laws of motion, circular motion and gravitation, work and energy, impulse and momentum, simple harmonic motion, temperature, heat, and thermodynamics. The topics will be developed analytically and experimentally. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 102 - General Physics II

Prerequisites: High School or college algebra and trigonometry, PHY 101 or equivalent, or the permission of the Department. Successful completion of all remedial English and remedial Reading requirements.

Description: A continuation of the introductory study of Physics designed to acquaint the student with the fundamentals of wave motion and sound, electricity and magnetism, geometrical and physical (wave) optics, and selected topics in modern physics. The topics will be developed analytically and experimentally. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 110 - Physics for Electronic Technology

Description: Pre-requisites: MAT 117 The course emphasizes an overview of the physical laws underlying selected topics in mechanics, thermodynamics, electromagnetism and optics, and modern physics. The laboratory component involves exercises that are illustrative of physical principles in these areas as well as methods of observation, measurement and data analysis. Laptop computer required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 120 - Physics for Educators

Prerequisites: Students must have a working knowledge of Algebra and Trigonometry or equivalent.

Description: This course studies natural phenomena and everyday life. Covering the fundamental laws and principles of mechanics, electricity, magnetism, sound and light, it provides a basic knowledge of the evolution of physical laws and the underlying concepts that are rapidly changing the way we live. The course material is developed descriptively and demonstrated experimentally. It includes student investigations in recitation and in lab to emphasize the experimental nature of science. Investigations will also be performed using computer software and the internet. The course will also include preparation of lesson plans, grading practices and hands-on experience in the presentation of materials.

SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 122 - Mechanics and Hydraulics

Prerequisites: Designed for students in Engineering, Physics, Mathematics, and the Sciences.

Description: An introduction to mechanics: fundamental laws of statics, dynamics, kinematics, work, energy, power and momentum. Applied problems are an integral part of the course. (5 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 123 - Heat and Sound

Prerequisites: PHY 122.

Corequisites: MAT 123.

Description: An introduction to the topics of rotational kinematics and dynamics, elasticity, hydrostatics, hydrodynamics, harmonic motion, waves, sound, and thermodynamics. Applied problems are an integral part of this course. (5 lecture, 3 laboratory hours) Laboratory fees apply.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 151 - Physics Science and Math I

Description: Concurrent Prereq: MAT 122. The first semester of a two-term survey course for students who intend to study Science, Mathematics or Computer Science at four-year institutions that require a calculus-based approach to physics. The topics covered during the first term are mechanics and thermodynamics. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 152 - Physics Science and Math II

Prerequisites: MAT 122 and PHY 151 or permission of Department.

Description: The second half of a calculus-based physics survey course. The topics covered are wave phenomena, electricity, magnetism, light and modern physics. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 222 - Electricity and Magnetism

Prerequisites: PHY 123.

Description: An introduction to the basic theory of electric and magnetic forces and energy associated with electric charge; electric and magnetic properties of matter, electromagnetic waves, geometric and wave properties of light. Emphasis is given to a rigorous mathematical formulation of physical principles, solution of problems, and practical applications of electric circuits in the laboratory. (5 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

PHY 223 - Introduction to Modern Physics

Prerequisites: MAT 225.

Description: A survey of 20th-century theories of the atom, the nucleus, relativity, quantum properties of waves and particles, wave mechanics, spectra of hydrogen and other atoms, x-rays, the uncertainty principle, radioactive decay, conservation laws in radioactivity, transmutations. Stress is placed on basic principles rather than on applications. (5 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Engineering/Physics/Tech

Political Science

POL

POL 101 - Government and Politics in the Modern World

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: This course compares and contrasts the major forms of government

found in the contemporary world: democratic, authoritarian, and totalitarian. Illustrations and examples will be drawn from both Western and non-Western countries. A basic theme of the course will be the comparative advantages of democratic forms of government over the various alternatives found around the globe today.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 111 - Nassau County: History and Government

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: (Dual listed with HIS 140). A review of the development of what is now Nassau County from pre-Colonial times to the present day. Emphasis is placed upon the governmental-administrative structure of the county and the major problems facing urban-suburban communities. Field trips and guest speakers are utilized to complement class work.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 205 - American National Government

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: An exploration of some of the significant areas and issues of contemporary American government and politics. Among the topics included are the scope of government activity in the United States today, the Constitution of the United States, and the evolution and operation of such political institutions as the Presidency, Congress, the Supreme Court and the political parties.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 206 - State and Local Government

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: An introduction to the essential principles of American state and local government, with special emphasis on New York State, New York City and its suburbs. Among the specific topics covered are Federal-state relations, state constitutions and government structures, and the key issues of contemporary state, city and county politics.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 208 - Introduction to Public Policy

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: An examination of the substantive issues of public policy such as taxation, welfare and poverty, military spending, energy, the environment, federalism, criminal justice, health care, education, and civil liberties. The background to each subject, the evolution of the present day governmental policy, and alternatives to present policy are presented along with evaluations of present policies. While the primary focus is on the national level, the state and local level is examined. A secondary focus is on methods, models, and the legal aspects of the policy making process.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 209 - The U.S. Presidency

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: A comprehensive multidimensional study of the Institution of the Presidency, its evolution politically, administratively, and legally. The causes, effects, and dilemmas of the growth and power of the executive branch and the tension between an enhanced President and the Congress constitute a key perspective. Presidential politics in its electoral and policy foundation aspects will be highlighted. The President's role in the economy and as a mass media communicator will be explored.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 210 - The U.S. Congress

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: The course will describe the legal structure, Constitutional powers, internal work rules and procedures, and the political dynamics of the Congress within the context of the American Federal political scheme. Special emphasis will be placed upon Congressional interactions with the coordinate branches of government as well as with external factors, such as interest groups and public opinion.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 260 - International Relations

Prerequisites: Completion of RDG 001 and/or RDG 002.

Description: Basic themes of the course are the causes of war and the prospects for peace in the modern world. Among the topics covered are the nature of modern warfare and the impact of nuclear weapons, the East-West struggle, the Third World, diplomacy and espionage as instruments of foreign policy, and the search for world order through international law and the United Nations.

SUNY GEN ED-GSBS; GOWC; NCC GEN ED-SBS, GLNW

Credit Hours: 3

Department: History/Pol Sci/Geography

POL 261 - Modern Political Ideologies

Description: A survey of the major political ideologies of the world today-fascism, communism, socialism and democracy. Selected readings from the works of Marx, Lenin, Stalin, Mao, Hitler, Mussolini, Jefferson and Locke are used to supplement class lectures. The course offers students an understanding of the political ideas that have shaped the 20th century.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: History/Pol Sci/Geography

Portuguese

POR

POR 101 - Beginning Portuguese I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. This course is not intended for students of Portuguese speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

POR 102 - Beginning Portuguese II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. POR 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Security Administration

PSA

PSA 111 - Introduction to Security

Description: The historic, philosophical, practical and legal bases of Security. The role of Security and the security individual in modern society, the concept of professionalism, and the relationship to public law enforcement are reviewed. A survey is made of the personnel, physical and administrative aspects of the Security field.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 121 - Internal Security

Description: Internal theft control, investigation methods including undercover, interrogation, polygraph uses, and internal developments-their causes and consequences-are explored along with major tactics, strategies and techniques used to deter and control internal theft.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 211 - Administration and Control of Private Security Force

Description: The course explores the difference between public and private policing to identify what constitutes Private Security, including the role and functions, the selection of personnel, training of personnel, ethics and conduct of security personnel. The Hallcrest Report, the first comprehensive look at Private Security in more than a decade, is used to examine the resources, contributions and deficiencies of Private Security. The possible relationships with law enforcement agencies and the prospects for forging a partnership to combat crime are reviewed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 224 - Security and the Law

Description: Course focuses on the various legal components applicable to Security personnel. Available sources of authority, powers, and legal restrictions are analyzed in-depth. Probable cause, the single biggest issue affecting false arrest, is thoroughly reviewed. Arrest, search and seizure, detention, interrogation and the use of force are thoroughly discussed. Special emphasis is

placed on criminal and civil sanctions that can be invoked against Security personnel who abuse their authority. Ramifications of tort liability will be examined.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 225 - Introduction to Emergency Management

Description: A study of emergency management, this course provides an overview of the Department of Homeland Security's National Incident Management System (NIMS). This course examines the United States Government Interagency Domestic Terrorism Concept of Operations (CONPLAN). It emphasizes the roles of Federal, State, and Local Agencies working effectively and efficiently together to prepare for, prevent, respond to, and recover from domestic incidents, regardless of cause, size, or complexity.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 231 - Arson Investigation Safety Management OSHA (Federal and State)

Description: A study of arson, its prevention, detection, investigation and control.

The course examines occupational and environmental hazards, injuries and diseases, including toxic materials, radiation exposure, pollution and occupational diseases. OSHA, the safety enforcement agency, is reviewed, both at the Federal and state level. Its purpose and effectiveness is thoroughly analyzed. The course emphasizes the need for safety management in both the public sector and the work place. The genesis of workers' compensation law, its effectiveness, and present day status is assessed.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

PSA 241 - Research Problems in Security

Prerequisites: At least nine credits of Criminal Justice and/or Private Security Administration.

Description: (Dual listed with CRJ 212). This seminar type course offers the student an opportunity to examine specific issues, conflicts or controversies in one or more of the following discipline areas: law enforcement, loss prevention, courts, and corrections. An interdisciplinary approach is stressed for a broader understanding. Each student is required to complete a research project under

the direction of the instructor in the student's chosen area of examination.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Criminal Justice

Psychology

PSY

PSY 203 - General Psychology I

Description: Designed to familiarize the student with the science of human behavior and mental states; the methods employed by psychologists; the experimental findings and applications of research; and the important contributions from the behaviorist, psychoanalytic, neuroscientific, and cognitive schools of thought. This course includes the study of learning, perception, cognition, intelligence, social influences, psychological disorders, physiological changes and developmental stages.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 204 - General Psychology II: Research and Methods

Prerequisites: PSY 203.

Description: A more comprehensive study of areas covered in PSY 203, especially perception, learning, intelligence and personality. There are demonstrations and participation in experiments in these areas.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 206 - Educational Psychology

Prerequisites: PSY 203.

Description: (Dual listed with EDU 206). Students who have taken PSY 206 will not receive credit for EDU 206. This course is intended to provide knowledge and understanding of the major theories and findings of the science of Educational Psychology. The course includes a consideration of such topics as: research methods in educational psychology; the cognitive, personal, social and moral development of students; the impact of student diversity on teaching and learning; the principles and processes of learning; motivational concerns in education; classroom management; techniques of teaching; and methods of assessing student learning.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 207 - Industrial Psychology

Prerequisites: PSY 203.

Description: An examination of aspects of behavior that relate to work organizations. Areas covered include pertinent general psychological processes such as learning and motivation; individual difference dimensions such as personality, aptitudes, and attitudes; and characteristics of group and organizational environments.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 212 - Adolescent Psychology

Prerequisites: PSY 203.

Description: Problems of adolescence as related to childhood and maturity. Physical, emotional, social, intellectual, moral, and religious development; theories of adolescent personality development, the importance of home and community relationships. Observations required.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 213 - Child Development

Prerequisites: PSY 203.

Description: Development and analysis of infant and child behavior, motor development, emotional development, motivation, language, thinking, work and play. Problems and methods of child study; application of research; effects of heredity and environment on the individual; individual differences and theories of personality development. Observations required.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 214 - Adult Development

Prerequisites: PSY 203.

Description: This course examines theories and research concerning psychological development in adulthood and old age. Among the topics studied are: theories of adult development, motivation, language, thinking, work and play. Problems and methods of child study; application of research; effects of heredity and environment on the individual; individual differences and theories of personality development. Observations required.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 215 - Abnormal Psychology

Prerequisites: PSY 203.

Description: An introduction to behavior pathology. Emphasis is on the evaluation, diagnosis and treatment of disordered and maladaptive behavior. Presentation of different theories and models of normal and abnormal personality.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 216 - Lifespan Human Development

Prerequisites: PSY 203.

Description: This course will examine major theories and findings on human development. Development is viewed across the life span from prenatal development through advanced old age. The course integrates theoretical perspectives and serves as a foundation for careers in the behavioral sciences, health, and human services.

SUNY GEN ED-n/a; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 219 - Psychology of Art

Prerequisites: PSY 203.

Description: Issues, theories, and methodology in the psychology of visual art. Theories of creativity and profile of the creative individual and thought process. Motivation to view art, pictorial perception, visual preference, sensitivity to style, and aesthetic judgment. Developmental trends in normal, autistic, gifted children's drawings, chimp art and pathological art.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 220 - Brain and Behavior

Prerequisites: PSY 203.

Description: A course examining the structure and functioning of the nervous system on all levels, from the microanatomy and physiology of the neuron to a general description of the cerebral processes which underlie all behavior. Emphasis is placed on a general understanding of the organization of the brain and how this organization relates to both simple and complex behaviors.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 235 - Psychology of the Exceptional Child

Prerequisites: PSY 203 and PSY 212 or PSY 213.

Description: Students who have taken EDU 235 will not receive credit for PSY 235.

This course examines the psychological, learning and behavioral characteristics of each category of exceptionality. Students will be introduced to special education laws and their implications for identification, delivery systems, transition plans, and placement procedures. Field experience in a special education setting is required.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 240 - Psychology of Human Adjustment

Prerequisites: PSY 203.

Description: The personality development of the individual, personal awareness and personal growth, adaptive and maladaptive modes of adjustment to social and psychological stresses, including a survey of major issues of current concern and a discussion of the community resources available to the individual with emotional difficulties.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 241 - Social Psychology

Prerequisites: PSY 203.

Description: The behavioral characteristics of individuals, of small and of large groups: their interrelationships, methods of measuring and assessing interactions between the individual and his environment. Motives, attitudes and opinion, social norms and roles, individual personality, group structures and processes, leadership and communication.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Psychology

PSY 490 - Cooperative Education Internship

Prerequisites: PSY 203 and permission of the Instructor and/or Chairperson and approval by the agency offering the internship.

Description: Supervised placement of the student in professional Psychological and Psychology-related settings to enable the student to gain insight into the Psychology field as well as interactive and practical work experience to enhance the formal academic concepts received in the classroom. Students are required to attend five on-campus seminars.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Psychology

Reading

RDG

RDG 001 - Individualized Reading and Study Improvement

Prerequisites: Satisfactory completion of BEP 090, if required.

Description: A required course for students who demonstrate reading deficiencies on the College Placement Test. Instruction will include recognition of main ideas and details, critical reading skills, and vocabulary improvement. Reading comprehension and study skills are enhanced through the practice of outlining, mapping, underlining, and summary writing. Students' strengths and weaknesses are diagnosed through standardized testing and ongoing evaluation. Students are required to attend a supervised Reading laboratory weekly for individualized practice work. (3 lecture hours, 1 laboratory hour) Freshman assigned to this course must pass it before proceeding to ENG 101. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

RDG 002 - Reading and Studying College Texts

Prerequisites: Satisfactory completion of BEP 090 or RDG 001, if required.

Description: This course is designed to help deficient readers meet the demands of college reading and studying. An in-depth study and application of more advanced reading strategies will be provided using content readings from college texts. All strategies taught will foster the reading/writing/thinking connection. The strategies and knowledge students gain from this course will be applied directly to academic courses. Supplemental practice in reading and studying strategies will be available in a Reading Center.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

RDG 030 - Rdg ESL 3 - Reading and Study for the Foreign Student

Prerequisites: Completion of ELI (English Language Institute) or placement by department.

Description: This is a required course for students who speak English as a second language and who demonstrate a need to develop mastery of college-level reading and study skills. Emphasis will be in the areas of inferential and critical reading, textbook

study strategies, library research, vocabulary enrichment and the development of reading fluency. Students are required to attend a supervised reading laboratory session weekly for individualized supplemental instruction. Completion of RDG 030 will enable students to take a credited reading class. (3 lecture hours, 1 laboratory hour).

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Reading/BEP

RDG 101 - Effective College Reading

Prerequisites: Completion of Remedial Reading Courses or RDG 101 Placement.

Description: This is an advanced reading course focusing on the critical reading of mature, college-level material as well as reading for pleasure. Students will review a variety of strategies needed for effective academic reading and develop a repertoire of critical reading strategies to be used in the context of important issues facing today's student, society, and the diverse career fields in which they are likely to become employed. There will be an emphasis on information literacy and writing, including the use of library materials and the Internet. In addition, students will have the opportunity to improve their individual reading capabilities to facilitate greater comprehension and to develop a broader vocabulary through challenging reading materials rather than through isolated exercise.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Reading/BEP

RDG 102 - Speed Reading

Prerequisites: RDG 101 placement.

Description: A concentrated course designed to present the theories of speed reading and to provide the student with extensive practice in developing a greater range in his/her efficient reading rate. Ability to adjust one's reading skills, especially rate and comprehension, to the type and level of the material are the main concern. This course is not designed for a student with a comprehension or vocabulary deficiency.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Reading/BEP

RDG 103 - Reading the New Media

Prerequisites: Satisfaction of all non-credit Reading requirements.

Description: This course invites students to apply the tools of critical reading to the new media. Using advanced literacy and comprehension skills, students will analyze,

interpret, assess and synthesize information pertaining to news, contemporary issues, the arts and entertainment coming to them from a variety of on-line and textual sources, including, but not limited to, blogs, on-line newspapers and magazines, wikis, social networking and video sharing sites.

Credit Hours: 3

Department: Reading/BEP

Retail Business Management

RET

RET 107 - Principles of Retailing

Description: A survey of the retail industry. The economic importance and structure of retail organizations are studied for their function and interrelationships, operations and human resources.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 109 - Visual Merchandising

Description: Visual merchandising of retailing goods; effective window and interior display; appropriate equipment and materials; color, lighting, and general arrangements. A hands-on approach is utilized whereby students design and construct exterior and interior displays. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 111 - Retail Merchandising

Prerequisites: RET 119 or permission of Department Chairperson.

Description: This course covers the fundamentals of merchandising, markup and markdown, stock turnover, stock-sales ratio, retail method of inventory, open-to-buy, unit stock control, the merchandise plan, merchandising and the computer.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 115 - Textiles

Description: Identification of fibers and fabrics, and analysis of construction of cloth to determine strength, durability and usefulness are included in this course. Methods and effects of finishing cloth. In addition, laws relating to the labeling and advertising of textiles and textile products are discussed. Geared to the needs of students who plan

careers in apparel design, interior design, retailing, fashion marketing, and consumerism.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 119 - Retail Buying

Description: The buying function in department stores, specialty stores, discount chain stores, independent stores and non-store retail formats will be studied. The buying activity and how it is affected by store organization, merchandise offered and store's dollar volume are examined in order to forecast and satisfy consumer needs. The buyer's role in merchandise planning and control, sourcing domestic and foreign supply chains are also explored in order to understand channels of distribution in relationship to retail image.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 127 - Foreign Buying

Prerequisites: Completion of all remedial courses needed prior to application, a minimum of 2.5 grade point average and completion of 15 or more credits. Permission of instructor required.

Description: This course provides qualified students an opportunity to learn selected methods and techniques involved in foreign buying. Independent research, a buying plan, and visits to major international cities are included. Special expenses for students' airfare, food, lodging, taxes, transfers, etc.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 135 - Contemporary Retailing

Description: This course provides students of retail business management with an analysis of the manager's function from the perspective of the first line operations manager. Lecture, case analysis using specific research techniques and field trips as appropriate, will be utilized to develop insight and problem solving skills for today's retail manager. Field trips to retail stores will concentrate on human resource and merchandising functions, customer service techniques and financial control. Additional transportation expenses may be required.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

RET 142 - Field Training

Prerequisites: Permission of Department Chairperson and/or Course Instructor.

Description: Students work for appropriate retail business firms to enrich the theoretical concepts previously developed in the classroom.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Marketing & Retailing

Russian

RUS

RUS 101 - Beginning Russian I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. This course is not intended for students of Russian speaking background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

RUS 102 - Beginning Russian II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. RUS 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

RUS 201 - Intermediate Russian I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. RUS 102 or equivalent.

Description: Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

RUS 202 - Intermediate Russian II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. RUS 201 or equivalent.

Description: Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated

through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

Physical Sciences

SCI

SCI 101 - Principles of Physical Science

Description: This is an introductory course designed to involve the non-science oriented student in an investigation of some of the basic concepts and processes of science. There will be an introduction to measurement and information gathering techniques used by scientists, along with an examination of basic principles of phenomena such as motion, gravity, energy, and heat. Laboratory experiments will enable the students to investigate scientific principles as they apply to the world. (3 lecture, 3 laboratory hours)

Laboratory fee applies. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 102 - Material Science

Description: The course is designed to continue the investigation of physical science principles with a focus on chemical aspects. Such topics as electricity, atomic structure, chemical nature and behavior, ionization, reactions, and compound formation will highlight the study. Laboratory experiments will enable the students to investigate scientific principles as they apply to the world. (3 lecture, 3 laboratory hours) Lab fee applies. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 103 - Physical Geology

Description: This course presents principles of the study of the earth outlining how the science began in the late 1700s from natural curiosity progressing to our present knowledge of the earth as a dynamic entity. Students will study its surface features and processes and then can appreciate how patterns observed have allowed for interpretations of what is going on within the interior. Such aspects include but are not limited to earthquakes, volcanism, origin and deformation of mountain belts and ocean basins, the work of running water, glaciers and wind. In lab, students are provided a hands-on approach to the study of minerals, igneous, sedimentary and metamorphic rocks and will learn how to use a topographic map. A one-

day field trip may be offered to illustrate and reinforce the concepts introduced. (3 lecture, 3 laboratory hours) Lab fee applies. A special section of Physical Geology may be offered each semester through the College of the Air program. This distance-learning course uses videotapes, the internet, computers and other electronic media to complete the course assignments. Therefore, students must have access to a computer and a VCR. Students will occasionally meet with the instructor on campus to perform laboratory experiments and to take exams. Special sections of Physical Geology may be offered which cover most of the topics above but which present the popular field of gemology, allowing the students to work with professional instruments to identify a large suite of gems, both natural and synthetic. Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 104 - Historical Geology

Description: This is a problem-oriented approach to the study of the geologic history of the planet earth. Laboratory methods are emphasized in conjunction with the fundamental tools of geology. The origins and evolution of the continents and ocean basins are examined both from a classical perspective, and through the utilization of the theories of continental drift and plate tectonics. The histories of select areas will be examined with an emphasis placed on the techniques used in the interpretation of the ancient environments in which the rock record was formed. A one-day field trip may be offered to illustrate and reinforce the concepts introduced. (3 lecture, 3 laboratory hours) Laboratory fee applies. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 105 - Solar System Astronomy

Description: The historical development of the physical laws and theories basic to the study of the solar system is studied. Physical characteristics of the earth, moon, planets and sun are discussed including findings of unmanned planetary exploration. Students are required to attend at least two evening observation sessions during the semester. Students gain a working knowledge of the operation of a telescope. (3 lecture, 3 laboratory hours) Lab fee applies. Note: A special section of Solar System Astronomy may be offered each semester through the College of the Air program. This distance-learning course uses videotapes, the internet, computers and other electronic media to complete the course assignments. Therefore,

students must have access to a computer and a VCR. Students will occasionally meet with the instructor on campus to perform laboratory experiments and take exams. Lab fee applies. SUNY GEN ED-GLAL; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 106 - Stellar and Galactic Astronomy

Description: The student is introduced to the historical development of theories basic to understanding the concepts of the universe beyond the solar system and studies the evolution of stars and galaxies in terms of observations. Included are discussions of quasars, pulsars, black holes and the Big Bang Theory. Students are required to attend at least two evening observation sessions during the semester. (3 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 107 - Meteorology

Description: To understand the daily and seasonal weather, students will be introduced to basic weather elements such as temperature, pressure, and humidity. Real-time weather maps from the Internet are often used in class to enhance the study of particular topics. After a good foundation in the basic principles of meteorology, various atmospheric phenomena will be discussed, including the formation of rainbows, thunderstorms, lightning, tornadoes and hurricanes. Many of these phenomena are illustrated on videotape. Laboratory exercises include the study of weather instruments, analysis of surface and upper air maps, analysis of soundings on Skew-T diagrams, and weather forecasting. A special section of meteorology may be offered each semester through the College of the Air. This distance-learning course uses real-time weather data to study the principles of meteorology. Students must have access to a computer and the internet in order to download or print the weekly lessons. Communication between the instructor and student is mainly by e-mail and fax. Students will occasionally meet with the instructor on campus to do laboratory experiments that require equipment and to take exams. (3 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 108 - Climatology

Description: Meteorological elements such as temperature, precipitation, pressure,

and wind will be studied to provide an understanding of the different climates around the world. Students will learn how climate can influence agriculture, clothing, housing, and transportation in different parts of the world. The interdisciplinary nature of this course is evident in the study of how scientists have used biology, meteorology, geology, astronomy, physics, chemistry, oceanography and computer modeling to determine the climates of the past and predict the climates of the future. The study of climate change will include astronomical theories, the ocean conveyor belt, ozone depletion, global warming and El Nino and La Nina. (3 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 109 - Environmental Science

Description: Some Saturday field trips may be required of evening students. This course offers an introduction to the basic principles of ecology, population and food production problems. The course also examines the basic principles concerning air and water pollution. Laboratory exercises are designed to measure the local air and water quality. The modes of detection and prevention of environmental pollution will be investigated and discussed. Field trips and laboratory exercises are a required part of the course. Students must provide their own transportation to and from the field trip sites. (3 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 110 - Environmental Resources

Prerequisites: SCI 109 is recommended but not required.

Description: The course involves the investigation of current problems in our environment. The areas which will be discussed will be the problems of solid waste and various methods of its disposal; the effects of pollutants from present and future energy sources; noise pollution and the effects of radiation on people and the environment. Field trips and laboratory exercises are a required part of the course. Students must provide their own transportation to and from the field trip sites. (3 lecture, 3 laboratory hours) Lab fee applies.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 119 - Oceanology

Description: (Dual listed with BIO 119).

This is a three-credit course and does not fulfill the laboratory science requirement needed for graduation. There will be no waivers issued under any circumstances. One field laboratory during the term. The course is designed as an overview of the structure, origin, and evolution of the world's oceans. Investigations will include analysis of abiotic factors such as sediments, coastlines, water properties, and movement. Students will take a close look at general water circulation, tides, currents, waves, and the effects of weather and climate.

Further investigations will focus on biotic factors such as marine organisms, food chains, resources, and man's relationship to the sea. (3 lecture hours)

SUNY GEN ED-GLAB; NCC GEN ED-NSCI

Credit Hours: 3

Department: Physical Sciences

SCI 120 - Environmental Issues of Metropolitan New York

Prerequisites: Permission of Instructor.

Description: This is a limited enrollment course that runs during select intersessions for a period of 10 days. Special fees for transportation are required. This course is an intensive investigation of the current environmental problems facing society using the greater metropolitan area of New York as the focal point. Students will receive firsthand experience with current environmental problems through field trip observations and surveys. Problems dealing with the physical treatment of oil spills, the scientific formulation of environmental impact statements, and the effects of heavy industry on air quality will be some of the issues under consideration. The field trips and laboratory activities will be designed to reinforce the topics discussed during lecture.

SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 141 - Metascience

Prerequisites: Student must be either currently enrolled in and/or have taken and passed ENG 101.

Description: This course presents a study of enigmatic phenomena, both historic and contemporary, which have aroused popular interest and which present a paradox to modern science. Topics covered in the course are extraterrestrial intelligence, ancient "super cultures" (including Atlantis), the Bermuda Triangle phenomenon, the U.F.O. phenomenon, psychic phenomena (including "spirits" vs. "ghosts") and cryptozoological phenomena (from Loch Ness to Bigfoot).

Emphasis is placed upon the critical evaluation of available data (written articles and videotapes) using the scientific method. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Physical Sciences

SCI 150 - Environmental Mapping

Description: This beginning level course is designed to introduce non-science as well as science oriented students, to the latest concepts and technologies in mapping science. The course covers the theories and concepts of Global Positioning Systems (GPS) and Geographic Information Systems (GIS). Students acquire a fundamental hands-on understanding of the technologies and systems used in the GIS field. The course will include problem solving activities through laboratory and field work. Off-campus field trips are required. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 203 - Field Laboratory Geology

Prerequisites: Permission of Instructor.

Description: This is a limited enrollment course that runs during select intersessions for a period of 10 days. Special fees for transportation are required. This is an activity-oriented approach to the study of some of the regionally accessible geologic features: their processes, history and beauty. The participants in this course will be introduced to a varied curriculum of the regional physical, historical, economic and environmental geologic phenomena. A brief sampling of some topics open to investigation are: post glacial features, coastal barrier beach problems/dynamics, the identification of major rock outcrop features, mining operations, and mineral and fossil collecting. Laboratory and field equipment will be used for the gathering of specimens and data to help develop an understanding of the gross geologic aspects of a particular location. A portion of the time needed to accomplish these goals will be spent as preparation and review on campus in the laboratory/lecture room. Field sites will be reached primarily through the use of chartered transportation. SUNY GEN ED-GLAB; NCC GEN ED-LSCI

Credit Hours: 4

Department: Physical Sciences

SCI 209 - Fundamentals of Environmental Safety and Health

Description: SCI 209 is a three-credit elective course. It is not a lab science course and does not fulfill the laboratory science requirement needed for graduation. There will be no

exception to the science requirement under any circumstances. This course is designed for anyone interested in understanding what constitutes a safe and healthy working environment and addresses the interests of both the technically and non-technically inclined student. The course explores the various hazards to which workers are exposed and presents the basic concepts and methods used to recognize, evaluate and control these hazards. Topics are selected to suit the students enrolled in a given class, such as interesting issues relating to school safety for teachers or future teachers. Current environmental/occupational health and safety legislation and regulations are presented and interpreted. SUNY GEN ED-n/a; NCC GEN ED-NSCI

Credit Hours: 3

Department: Physical Sciences

Sociology

SOC

SOC 201 - Introduction to Sociology

Description: Major theories, methodology and research findings of Sociology. The nature, organization and development of modern society. Sociological examination of varied forms of group life, including small groups, families, bureaucracies, formal organizations, social classes and ethnic groups. Analysis of social process and social change. SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Sociology

SOC 202 - American Society

Prerequisites: SOC 201 or ANT 203.

Description: American society and its peoples: their class, ethnic and racial characteristics, their attitudes and behavior patterns. Exploration of family, educational, industrial, political and recreational institutions in American communities. Analysis of the effects of urbanization, industrialization and bureaucratization of American life. SUNY GEN ED-GSBS; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: Sociology

SOC 207 - Sociology of Religion

Prerequisites: SOC 201 or ANT 203.

Description: The relationship between religion and society. Religion and social class. Religious groups as minority groups. Religious prejudice and discrimination. Contemporary American religious movements. Religion and social change.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: Sociology

SOC 209 - Race, Class, Ethnicity

Description: This course explores racial, ethnic, and class diversity, identity, and inequality. It examines social relations between and among racial and ethnic groups in the United States, and relevant comparisons to other western and non-western societies. It examines the role of discrimination, prejudice, and stereotyping in intergroup relations. Also, it investigates how class privileges and disadvantages shape patterns of social mobility. The course pays particular attention to immigration to the United States and its effects on American society, in light of current research and theory.

SUNY GEN ED-GSBS; NCC GEN ED-PLDI, SBS

Credit Hours: 3

Department: Sociology

SOC 210 - Criminology

Prerequisites: SOC 201 or ANT 203.

Description: The nature, significance and causes of crime: statistics of crime and delinquency; historical development of criminological theory; modern explanations of crime, criminal laws and courts; police and prisons.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Sociology

SOC 212 - Social Problems

Description: Application of sociological principles to problems of social disorganization and deviant behavior in industrial societies. Analysis of such problems as family disorganization, race conflict, poverty, mental illness, suicide, aging, crime and delinquency, drug and alcohol addiction, overpopulation and the ecological crisis.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: Sociology

SOC 214 - African American Culture

Description: (Dual listed with AFR 185). A comprehensive survey of the various aspects of the lives, life-styles, values, art forms and social impact of the African American. The course includes varying lifestyles at different socioeconomic levels; speech patterns; the role of the church as a religious, historical, political and recreational institution; African American cultural patterns; and the influence of Africa.

SUNY GEN ED-GSBS; NCC GEN ED-PLDI, SBS

Credit Hours: 3

Department: *Sociology*

SOC 215 - Social Change

Prerequisites: SOC 201 or ANT 203 or permission of Instructor.

Description: This course analyzes social change and its impact in western and non-western societies. Focusing on classical and contemporary sociological theories, topics addressed include: the effects of changes in technology, population, the environment and economy; organized movements for social change and social justice.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: *Sociology*

SOC 216 - Aging, Society and Culture

Prerequisites: SOC 201 or ANT 203.

Description: Students will explore the diverse aspects of aging through field research and a survey of the literature. Topics will include theories on aging, cross-cultural material, family and kinship relations, friendship patterns, voluntary associations, political participation, and financial, health, legal and other social problems. Career opportunities in gerontology will be explored.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: *Sociology*

SOC 219 - The African American Family

Prerequisites: SOC 201 or ANT 203 or permission of Instructor.

Description: (Dual listed with AFR 186). Sociological approaches to the African American family. Topics include interactions with public and social institutions, male/female relationships, state of the extended family, identity as a socialization agent, courtship, sex patterns and roles, health and economic issues, alternative life styles, the Black male as an "endangered species", and the effects of public policy on the Black family.

SUNY GEN ED-GSBS; NCC GEN ED-PLDI, SBS

Credit Hours: 3

Department: *Sociology*

SOC 220 - Sociology of the Family

Prerequisites: SOC 201 or ANT 203.

Description: The family as a social institution and the roles of men, women and children in different societies. Types of families; how they develop and change. The social characteristics

of the American family, its relation to the economy, government, religion and law. Problems of the family in modern industrial societies; conflict, divorce, mobility and mental illness.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: *Sociology*

SOC 222 - Sociology of Gender

Prerequisites: SOC 201 or ANT 203.

Description: This course introduces students to sociological perspectives on gender and sexuality. It focuses on the social construction of gender and sexuality in the American and European contexts, from interaction and socialization to inequality and social movements. Topics include power and inequality, gender diversity (including transgenderism), sexuality and heterosexism, representations of women and men in the mass media, and gender and social change.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, PLDI

Credit Hours: 3

Department: *Sociology*

SOC 225 - Sociology of Health Care

Prerequisites: SOC 201 or ANT 203 or permission of Instructor.

Description: Health and illness in American society and in cross-cultural perspective. Hospitals as organizations with complex staffs, needs and goals. Community and hospital in interaction. Health care delivery in a changing society.

SUNY GEN ED-GSBS; NCC GEN ED-SBS

Credit Hours: 3

Department: *Sociology*

Spanish

SPA

SPA 101 - Beginning Spanish I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. This course is not intended for students of Spanish background. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: *Foreign Languages*

SPA 102 - Beginning Spanish II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 101 or equivalent.

Description: Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: *Foreign Languages*

SPA 110 - Spanish for Hotel Restaurant Technology

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: Fundamentals of specifically focused grammar geared for the acquisition of a limited but working knowledge of Spanish as needed and found in the hotel restaurant environment. Emphasis on aural comprehension and oral proficiency determined by various task-oriented exercises involving pair and group work. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: *Foreign Languages*

SPA 121 - Spanish for Law Enforcement

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: A conversational course for students in law enforcement areas who wish to communicate effectively with Spanish-speaking people. Presentation and practice of basic vocabulary appropriate for use in typical law enforcement situations. Emphasis on oral proficiency and listening comprehension. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: *Foreign Languages*

SPA 201 - Intermediate Spanish I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 102 or equivalent.

Description: This is the first course in the SPA 201-202 sequence.

Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: *Foreign Languages*

SPA 202 - Intermediate Spanish II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 201 or equivalent.

Description: This is the second course in the SPA 201-202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of cultural materials. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 205 - Intermediate Spanish for Bilingual Speakers I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. For native/bilingual speakers only.

Description: This is the first course in the SPA 205-206 sequence. These courses offer students who are "native" or bilingual speakers, (who have some knowledge of the spoken language, but who have had little or no formal training) an opportunity to correct and improve effective expression in written and spoken Spanish as well as exposure to the cultural production (literature, film, art) of the Spanish-speaking world. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 206 - Intermediate Spanish for Bilingual Speakers II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. For native/bilingual speakers only.

Description: This is the second course in the SPA 205-206 sequence. These courses offer students who are "native" or bilingual speakers, (who have some knowledge of the spoken language, but who have had little or no formal training) an opportunity to correct and improve effective expression in written and spoken Spanish as well as exposure to the cultural production (literature, film, art) of the Spanish-speaking world. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 225 - Spanish for Business

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 102 or permission of the instructor.

Description: Using print, video, and electronic media this course offers students a practical knowledge of Spanish business terminology and procedures. It will introduce students to such topics (in Spanish) as commercial letter writing, telephone etiquette, filling out business forms, etc. Students will also learn how to deal with cultural aspects of the international business environment. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 251 - Practical Spanish for Medical Personnel I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 101 or equivalent.

Description: This is the first course in the SPA 251-252 sequence. A course for students in medical areas who wish to communicate effectively with Spanish-speaking people. It includes a systematic presentation of health-related terminology, and practice in using culturally appropriate Spanish in typical medical and hospital situations. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 252 - Practical Spanish for Medical Personnel II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 251 or SPA 101 or equivalent.

Description: This is the second course in the SPA 251-252 sequence. A course for students in medical areas who wish to communicate effectively with Spanish-speaking people. It includes a systematic presentation of health-related terminology, and practice in using Spanish in typical medical and hospital situations. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 301 - Advanced Spanish I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 202 or equivalent.

Description: This is the first course in the SPA 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing, and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class

conducted in Spanish. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 302 - Advanced Spanish II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002.

Description: This is the second course in the SPA 301-302 sequence. More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing, and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in Spanish. Laboratory fee applies. Laboratory attendance required.

SUNY GEN ED-GFOL; NCC GEN ED-HUM

Credit Hours: 3

Department: Foreign Languages

SPA 401 - Introduction to Spanish Literature I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Description: Readings in representative works from the Middle Ages to the 17th century, supplemented by class discussion and student reports. Class conducted in Spanish.

SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH, LIT

Credit Hours: 3

Department: Foreign Languages

SPA 402 - Introduction to Spanish Literature II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Description: Readings in representative works from the 17th century to the contemporary period, supplemented by class discussions and student reports. Class conducted in Spanish.

SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH, LIT

Credit Hours: 3

Department: Foreign Languages

SPA 403 - Introduction to Spanish-American Literature I

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Description: Readings in representative works from the pre-Colombian period to 1880,

supplemented by class discussion and student reports. Class conducted in Spanish. SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH, LIT

Credit Hours: 3

Department: Foreign Languages

SPA 404 - Introduction to Spanish-American Literature II

Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Description: Readings in representative works from the period of Modernism through the contemporary period, supplemented by class discussion and student reports. Class conducted in Spanish.

SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH, LIT

Credit Hours: 3

Department: Foreign Languages

Student Personnel Services

SPS

SPS 093 - BEP Seminar

Description: (Dual listed with BEP 093). SPS Seminar is a required course of the Basic Education Program. The seminar focuses on values clarification, identification and applications of individual learning styles, critical thinking, problem solving, career exploration and understanding College policies. Students will be expected to demonstrate the understanding of these concepts and skills in the other courses of the college preparatory program and in making plans for the next semester of their education. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 0

Department: Student Personnel Services

SPS 102 - Career Exploration

Description: An examination of issues related to selection of career fields. Emphasis is placed on a realistic self-appraisal of one's own needs, interests and skills; using career resource information; decision making and job-seeking techniques.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Student Personnel Services

SPS 111 - Understanding Substance Use, Abuse and Addiction

Description: The course will address the nature of chemical dependency, recovery and treatment. Students will have an opportunity to analyze their own assumptions and attitudes toward chemicals and chemically dependent persons and develop an understanding of the biopsychosocial disease model of addiction. The course will also provide students with an understanding of drugs and drug abuse in American culture. The history of various drugs, their effects on society and human behavior will be examined.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Student Personnel Services

SPS 201 - Perspectives on People with Disabilities

Description: The course enables the understanding of the social and personal experiences of people with disabilities. Emphasis is placed on how different cultures view and interact with this population.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Student Personnel Services

Studio Recording Technology

SRT

SRT 101 - Music Business I

Corequisites: SRT 103 and SRT 105.

Description: Survey of music business practices and music industry markets. Topics include publishing, copyright, sample clearance, performance licensing and management. Limited to Studio Recording Technology Certificate students.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

SRT 102 - Music Business II

Prerequisites: Minimum grade of C in SRT 101.

Corequisites: SRT 104 and SRT 106.

Description: Survey of music business practices focusing on recording contracts and career planning. Limited to Studio Recording Technology Certificate students.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Music

SRT 103 - Music Theory I

Corequisites: SRT 101 and SRT 105.

Description: Survey of music theory practices and applications. Rudiments of music, including notation, rhythm, scales, intervals and triads. Limited to Studio Recording Technology Certificate students. SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Music

SRT 104 - Music Theory II

Prerequisites: Minimum grade of C in SRT 103.

Corequisites: SRT 102 and SRT 106.

Description: Survey of music theory practices and commercial music applications. Specific study of commercial music formats and language. Limited to Studio Recording Technology Certificate students.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 3

Department: Music

SRT 105 - Basic Studio Techniques

Corequisites: SRT 101 and SRT 103.

Description: Survey of equipment and procedures in sound recording. Basic electronic and acoustical principles, system signal flow, mixing consoles, equalizers, compressors/limiters and microphone design and application. Limited to Studio Recording Technology students. Classes meet both on campus and at an off campus professional studio. Students must provide their own transportation.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 6

Department: Music

SRT 106 - Advanced Studio Techniques

Prerequisites: Minimum grade of C in SRT 105.

Corequisites: SRT 102 and SRT 104.

Description: Continuation of the study of studio procedures, with emphasis on digital audio workstations (ProTools), virtual instruments, analog/digital signal processors, automated mixing techniques for stereo and surround formats. Limited to Studio Recording Technology students. Classes meet both on campus and at an off campus professional studio. Students must provide their own transportation.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 6

Department: Music

SRT 107 - Studio Internship

Prerequisites: Minimum grade of C in SRT 106.

Description: Field experience internship program where students are placed as apprentice technicians in professional recording studios. Faculty field supervision at off-campus location. Students must provide their own transportation.

SUNY GEN ED-n/a; NCC GEN ED-FAPA

Credit Hours: 6

Department: Music

Statistics

STA

STA 110 - Introduction to Statistical Research Design

Prerequisites: MAT 102.

Description: General elective course for Liberal Arts, Business, Social Sciences, Humanities, and Statistics students. Introduces the components of research design and research report writing. Different school research designs are included.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 3

Department: Math/Computer Science/Info Tec

Telecommunications Technology

TCT

TCT 141 - Telecommunications Circuits

Description: This course will train students in the application of Ohm's law, Kirchhoff's laws, analysis of DC and AC passive circuits (including RLC circuits), impedances, power supplies, semiconductors, resonance, and transformers. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TCT 144 - Digital Electronics for Telecommunications I

Prerequisites: MAT by advisement, CMP 103, TCT 141 and ENG 101.

Description: This course will prepare students in digital electronics with topics related to number systems and codes, logic functions, and Boolean algebra. IC building blocks are used in applications ranging from logic gates to flip-flops, counters, registers, and arithmetic circuits. Algebraic reduction and mapping are used to minimize Boolean expressions and combinational logic circuits. Computer stimulation of digital circuits will be used to verify actual hardware setups. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TCT 151 - Telecommunications I Voice

Description: An introduction to the techniques, principles, and terminology of voice telecommunications will be presented. Public and private telecommunication networks will be examined. Telecommunication equipment, switching and transmission technology will be demonstrated. The frequency spectrum, modulation schemes and multiplexing techniques will be explored. Lectures, interactive learning, demonstrations will be employed. Laboratory exercises will be required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TCT 252 - Telecommunications II - Data

Prerequisites: TCT 144.

Description: An introduction to the techniques, principles, and terminology of Data Communications will be presented. Public and private networks will be examined. Data communication equipment, multiplexing, and interactive learning demonstrations will be employed. Laboratory exercises will be required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TCT 253 - Telecommunications III - LAS

Prerequisites: TCT 144.

Description: An introduction to the technology and terminology of Local Area Networks (LANs) will be presented. The topologies, transmission media, network interfaces, and the access methods will be examined. Shared resources and interconnecting of LANs will be explored. Lectures, interactive learning and demonstrations will be employed. Laboratory exercises will be required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TCT 254 - Telecommunications IV

Prerequisites: TCT 144.

Description: A survey of current and emerging technologies in telecommunications will be presented. Lectures, interactive learning, demonstrations, and site visits will be employed. Laboratory exercises will be required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

Theatre

THR

THR 100 - Theatre Appreciation

Prerequisites: Satisfactory completion of remedial reading.

Description: A survey of the aesthetic and technical factors involved in the emergence of written drama as a produced work of theatre art. For students whose curricular emphasis is not theatre. Attendance at theatrical productions required.

SUNY GEN ED-GART; NCC GEN ED-WESH, FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

THR 101 - Introduction to Theatre History I

Prerequisites: Satisfactory completion of remedial reading.

Description: An introduction to the arts of the theatre with special emphasis on (1) the evolution and historical development of the play and the physical theatre and (2) the function and interdependence of the various artists and craftsmen in the theatre from primitive times through the Renaissance. Attendance at theatrical productions required. (See THR 201)

SUNY GEN ED-GHUM GART; NCC GEN ED-WESH, FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

THR 102 - Introduction to Black Theatre in America

Description: (Dual listed with AFR 190) An introduction to the literature and artists of the contemporary African American theatre. The course includes representative playwrights, actors and technicians as speakers in the class and field trips to theatre productions. Students have the opportunity to work in at least one production per semester, selected from contemporary African American drama which may, whenever possible, be performed in the community.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 103 - Acting I

Prerequisites: Satisfactory completion of remedial reading.

Description: Fundamental training of the actor as a theatrical instrument. Physicalization, characterization and interpretation are applied to improvisations, monologues and scenes. Actor's script analysis, psychological and emotional preparation are emphasized in scene and monologue study.

SUNY GEN ED-GART; NCC GEN ED-FAP, HUM

Credit Hours: 3

Department: Theatre & Dance

THR 104 - Acting II

Prerequisites: Minimum Grade of C in THR 103.

Description: Fundamental training of the actor as a theatrical instrument. Physicalization, characterization and interpretation are applied to improvisations, monologues and scenes. Actor's script analysis, psychological and emotional preparation are emphasized in scene and monologue study.

SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

THR 107 - Stagecraft

Prerequisites: Satisfactory completion of remedial reading.

Description: Introduction to the principles and techniques of technical theatre production, including scene design, construction, stage lighting, and costuming. Practical emphasis will be placed on scenery construction and the use of hand and power tools. Course requirements include an assignment to a theatre production.

SUNY GEN ED-n/a; NCC GEN ED-FAPA, HUM

Credit Hours: 3

Department: Theatre & Dance

THR 108 - Technical Production

Prerequisites: Minimum grade of C in THR 107.

Description: Intermediate study of the techniques and principles of stage construction and technical production.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 110 - Movement for Theatre I

Prerequisites: for Acting A.A. degree majors only or permission of Chairperson.

Description: Training in movement to prepare the body as a dramatic instrument. Emphasis on flexibility so the actor may

express physically a wide range of attitudes, traits and emotions. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 113 - Summer Theatre Workshop I

Prerequisites: Permission of the Chairperson required.

Description: Intensive training in the production, rehearsal and performance of plays.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 115 - Production and Performance

Description: This is the first course in the THR 115-116 sequence. Participation in the production, rehearsal and performance of major College theatre productions. Assignments include constructing and painting scenery, hanging lighting instruments, stage management, running crew, etc. Students who are cast in productions (by audition only) are also required to participate in technical production tasks. Open to Theatre degree students; others by Department permission only.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 116 - Production and Performance

Description: This is the second course in the THR 115-116 sequence. Participation in the production, rehearsal and performance of major College theatre productions. Assignments include constructing and painting scenery, hanging lighting instruments, stage management, running crew, etc. Students who are cast in productions (by audition only) are also required to participate in technical production tasks. Open to Theatre degree students; others by Department permission only.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 117 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 191). This is the first course in the THR 117-118 sequence. Participation in the production, rehearsal and performance of the African American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 118 - African American Theatre Ensemble, Rehearsal and Performance

Prerequisites: THR 117.

Description: (Dual listed with AFR 192) This course is the second half of the THR 117-118 sequence. Participation in the production, rehearsal and performance of the African-American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 119 - Movement for Stage II

Description: There is no further description of this course.

SUNY GEN ED-n/a, NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 120 - Voice for Stage

Prerequisites: for Acting A.A. degree majors only or permission of Chairperson.

Description: Practice in the development of voice for the stage; concentrated practice in developing more effective voice and diction habits for the individual actor. (3 hours)

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 201 - Introduction to Theatre History II

Prerequisites: Satisfactory completion of remedial reading.

Description: A continuation of THR 101 surveying the developments of theatre from the Renaissance through the present. Emphasis on major movements in theatre and drama through representative dramatists, and an outline of contemporary and European theatre practice. Attendance at theatrical productions required. (See THR 101)

SUNY GEN ED-GHUM, GART; NCC GEN ED-FAPA, HUM, WESH

Credit Hours: 3

Department: Theatre & Dance

THR 202 - Lighting Design

Prerequisites: Minimum Grade of C in THR 108.

Description: A program of instruction in the principles of theatrical lighting design, consisting of lab sessions, and lectures on equipment, color, optics, and lighting techniques. Students are to make light plots for analysis in class and advanced design problems are discussed.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 203 - Scene Design

Prerequisites: Minimum Grade of C in THR 202.

Description: A program of instruction in the theory and practice of scene design, consisting of demonstrations, lectures, and critiques of student work. Students are to make scene sketches, models, and working drawings for assigned projects, and move on to more advanced design problems.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 207 - Acting III

Prerequisites: Minimum Grade of C in THR 104.

Description: This is the first course in the THR 207-208 sequence. Designed especially for the third semester student in acting. Classroom study and coaching with emphasis on advanced monologues and scene study.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 208 - Acting IV

Prerequisites: Minimum Grade of C in THR 207.

Description: This is the second course in the THR 207-208 sequence. Designed especially for the fourth semester student in acting. Classroom study and coaching with emphasis on advanced monologues and scene study.

SUNY GEN ED-GART; NCC GEN ED-HUM

Credit Hours: 3

Department: Theatre & Dance

THR 215 - Production and Performance

Prerequisites: Department permission only.

Description: This is the first course in the THR 215-216 sequence. Participation in the production, rehearsal and performance of major college theatre productions. Assignments include construction and painting scenery, hanging lighting instruments, stage management, running crew, etc. Students who are cast in productions (by audition only) are also required to participate in technical production tasks.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 216 - Production and Performance

Prerequisites: Department permission only.

Description: This is the second course in the THR 215-216 sequence. Participation in

the production, rehearsal and performance of major college theatre productions.

Assignments include construction and painting scenery, hanging lighting instruments, stage management, running crew, etc. Students who are cast in productions (by audition only) are also required to participate in technical production tasks.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 217 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 193). This is the first course in the THR 217-218 sequence. Participation in the production, rehearsal and performance of the African-American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 218 - African American Theatre Ensemble, Rehearsal and Performance

Description: (Dual listed with AFR 194). This is the second course in the THR 217-218 sequence. Participation in the production, rehearsal and performance of the African-American Theatre Ensemble productions.

SUNY GEN ED-n/a; NCC GEN ED-HUM

Credit Hours: 1

Department: Theatre & Dance

THR 300 - Shakespeare on Stage and Page

Prerequisites: ENG 102 or ENG 109.

Description: (Dual listed with ENG 300) This interdisciplinary course, team-taught by members of the English and Theatre Departments, offers a performance-oriented view of Shakespeare's plays. Students see films and videotapes as well as perform segments of the plays in class. Writing is an integral component of the course.

SUNY GEN ED-GHUM; NCC GEN-HUM

Credit Hours: 3

Department: Theatre & Dance

Telecommunications Technology, Verizon Option

TNY

TNY 171 - Telecommunications Circuits

Prerequisites: CMP 101, MAT 117.

Description: This course will train students in the application of Ohm's Law, Kirchhoff's laws, Thevenin's and Norton's theorem, and superposition to the analysis of DC and AC passive circuits, including R-L-C circuits, impedances, phase angles, resonance, and transformers. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 173 - Telecommunications Electronics I

Prerequisites: MAT 117.

Description: This course will train students in the physical principles underlying the analysis and application of electronic circuits as applied to the telecommunications industry. Topics include concepts of amplification; frequency response of one and two stage amplifiers; op-amps; filters; troubleshooting; and analysis by computer simulation. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Lab fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 174 - Telecommunications Digital Electronics I

Description: This course will prepare students in digital electronics with topics related to number systems and codes, logic functions, and Boolean algebra. IC building blocks are used in applications ranging from logic gates to flip-flops, counters, registers, and arithmetic circuits. Algebraic reduction and mapping are used to minimize Boolean expressions and combinational logic circuits. Computer simulation of digital circuits will be used to verify actual hardware setups. Laboratory fee applies.

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 181 - Telecommunications I -Voice

Prerequisites: TNY 171

Corequisites: TNY 173, TNY 174

Description: An introduction to the techniques, principles, and terminology of Voice telecommunications will be presented. Public and private telecommunication networks will be examined. Telecommunication equipment, switching and transmission technology will be demonstrated.

The frequency spectrum, modulation schemes and multiplexing techniques will be explored. Lectures, interactive learning and demonstrations will be employed. Laboratory exercises will be required. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 273 - Telecommunications Electronics II

Prerequisites: TNY 173.

Corequisites: TNY 282.

Description: This course is designed to train students in the analysis and application of advanced electronic circuits as applied to the Telecommunications industry. Topics include gain in decibels, Bode plots, filters, frequency modulation, transmission lines, fiber optics and analysis by computer simulation. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 275 - Telecommunications Digital Electronics II

Description: This course is designed to train students in the organization, architecture, and hardware aspects of digital microcomputer systems. Topics include an introduction to microprocessors, types and characteristics of different chips, motherboards, bus structures, memory, I/O interface devices, disk drives, video displays, and printers. Serial and parallel buses are discussed. Applications include the interfacing of peripherals, data communications between computers, and team project. Laboratory fee applies.

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 282 - Telecommunications II

Prerequisites: TNY 181 and CRT 202.

Corequisites: TNY 273.

Description: An introduction to the techniques, principles, and terminology of Data Communications will be presented, stressing the basics of Voice over Internet Protocol (VoIP) systems, interactive learning, and demonstrations will be employed. Laboratory exercises will be required. This course makes extensive use of computer simulations and communications both in and

out of the classroom; use of a laptop computer is required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 283 - Telecommunications III

Prerequisites: TNY 282

Description: An introduction to the technology and terminology of Networks will be presented, including the organization, architecture, setup, hardware and software aspects of networked video delivery systems. Lectures, interactive learning, and demonstrations will be employed. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

TNY 284 - Telecommunications IV

Prerequisites: TNY 283

Description: A survey of current and emerging technologies in telecommunications will be presented. Lectures, interactive learning, demonstrations, and site visits will be employed. Laboratory exercises will be required. This course makes extensive use of computer simulations and communications both in and out of the classroom; use of a laptop computer is required. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Credit Hours: 4

Department: Engineering/Physics/Tech

Women's Studies

WST

WST 101 - Introduction to Women's Studies

Description: Focusing on the roles of women in a cross-cultural context, this course introduces the student to the discipline of Women's Studies and serves as a basis for more specialized courses. It treats such issues as women in the family, workplace, and community; images of women in the arts, professions and popular culture; and women's contributions in a variety of fields.

SUNY GEN ED-n/a; NCC GEN ED-PLDI, WESH

Credit Hours: 3

Department: Multidisciplinary Studies

WST 110 - The Goddess in World Religions

Description: This course will explore the images of the Goddess in world religions such as Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, traditional African religions, and Native American traditions. It will look at both iconography and literary texts to examine how the Goddess as a representation of the Divine affects women's spirituality and the larger culture. SUNY GEN ED-n/a; NCC GEN ED-GLNW, PLDI

Credit Hours: 3

Department: Multidisciplinary Studies

WST 201 - Women's Issues in Global Context

Prerequisites: WST 101.

Description: This course explores some of the major issues that affect women around the world. It focuses on the global labor force, reproductive rights, gay and lesbian politics, sexual identity, and education in Asia, Africa, Latin America, Europe, and the United States. Students will learn how women's experiences affect law and politics and how local conditions (here and elsewhere) intersect with global concerns and movements. Particular emphasis will be placed on goals and accomplishments of women's grassroots activism in many cultures.

SUNY GEN ED-GOWC; NCC GEN ED-GLNW, PLDI

Credit Hours: 3

Department: Multidisciplinary Studies