**ABT 100 Fundamentals of Keyboarding**
Introductory keyboarding course using Microsoft Word. Emphasis is placed on learning the keyboard, reaching and developing speed and accuracy. Instruction will include the formatting of 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
Offered: Fall, Spring, Summer

**ABT 244 Business Writing**
Prerequisites: ENG 100 or ENG 101.
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
Offered: Fall, Spring, Summer

**ACC 101 Accounting I**
Prerequisites: A student with two or more remedial requirements cannot take this course.
The course is an introduction to accounting systems 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 regarding to statement of cash flows and cost accounting. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

**ACC 102 Accounting II**
Prerequisites: ACC 101 with a grade of C or better
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 regarding to statement of cash flows and cost accounting. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

**ACC 104 Managerial Accounting**
Prerequisites: ACC 101 with a grade of C or better.
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
Offered: Summer

**ACC 201 Intermediate Accounting I**
Prerequisites: ACC 101 and ACC 102 with grade of C or better in each course.
The course examines the theory and concepts of financial accounting as explained by authoritative pronouncements of the Financial Accounting Standards Board and the Accounting Principles Board. The course provides a review of the accounting cycle and focuses on the financial reporting which includes the preparation and analysis of the balance sheet, the income statement, and the statement of changes in stockholder’s equity. The course also provides an introduction to the aspects of financial reporting and analysis. Additional topics covered include specific accounting concepts relating to current assets, plant assets, intangibles, revenue recognition, and the time value of money. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

**ACC 202 Intermediate Accounting II**
Prerequisites: ACC 201 with a grade of C or better.
The course continues to examine the theory and concepts of financial accounting as expressed by authoritative pronouncements of the Financial Accounting Standards Board and the Accounting Principles Board. The course focuses on the preparation and analysis of the statement of cash flows and specific accounting concepts relating to non-current assets, current and long-term liabilities, accounting for income taxes, leases, and post employment benefits. Additional topics covered include contingencies, contributed capital, accounting changes and errors, and earnings per share. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

**AFR 130 African American Literature I**
Prerequisites: ENG 100 or ENG 101 and ENG 102 or ENG 109 (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
Offered: Fall, Spring, Summer

**AFR 142 History of African Civ**
The course concentrates on the traditional African ways of life and the African responses, political and cultural, to the colonial experience. SUNY GEN ED- GOWC, GSBS; NCC GEN ED-SBS, GLNW
Offered: Fall, Spring, Summer

**AFR 200 History of the Black Woman**
Prerequisites: Completion of RDG 001 (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. SUNY GEN ED-GHUM; GSBS; NCC GEN ED-SBS, WESH, PLDI
Offered: Fall, Spring, Summer

**AFR 203 Afro-Caribbean World**
Prerequisites: AFR 140, HIS 176, HIS 220 or permission of Instructor, completion of RDG 001. (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
Offered: Fall, Spring, Summer

**AHS 100 CPR & Basic Cardiac Life Support**
Prerequisites: (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, lifeguards, 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
Offered: Fall, Spring, Summer

**AHS 101 Intro Allied Health Science**
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; aesthetic principles and emergency care. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

**AHS 131 Anatomy & Physiology I**
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. SUNY GEN ED-GLAB; NCC GEN ED-LSCI
Offered: Fall, Spring, Summer

**AHS 132 Anatomy & Physiology II**
Prerequisites: A minimum grade of C in AHS 131
The study of brain, lymphatic and cardiovascular, respiratory, digestive, urogenital, and endocrine systems. (Continuation of AHS 131 and required of the same students.) SUNY GEN ED-GLAB, NCC GEN ED-LSCI
Offered: Fall, Spring, Summer

**AHS 154 Physical Therapist Assist**
Prerequisites: AHS 152
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
Offered: Summer

**AHS 202 Medical Microbiology**
Prerequisites: AHS 131, AHS 132 recommended.
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 diagnostic and therapeutic 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
Offered: Fall, Spring, Summer

**AHS 212 Resprthy Therapy Clinical I**
Prerequisites: AHS 311, AHS 312, AHS 311 and AHS 104. (40 clinical 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
Offered: Summer

**AHS 313 Respiratory Care I Lab**
Prerequisites: AHS 104, AHS 112, AHS 312, AHS 311 and CHE 112.
Continuation of the study of modern mechanical ventilation with a focus on advanced ventilator techniques and interpretation of arterial blood gas results; introduction to diagnostic pulmonary function testing. Laboratory practice emphasizing the set up and operation of advanced ventilator systems as well as pulmonary function measuring instruments. (16 laboratory hours) Laboratory fee applies. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Summer

**ANT 203 General Anthropology**
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-GLSB; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

**ANT 204 Cultural Anthropology**
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-GLSB; NCC GEN ED-SBS, PLDI, GLNW
Offered: Fall, Spring, Summer

**ARA 101 Beginning Arabic I**
Prerequisites: Satisfaction complete of ENG 001 and RDG 002.
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 component required. SUNY GEN ED-GFO; NCC GEN ED-HUM
Offered: Fall, Spring, Summer
ART 100 Intro to Visual Arts
Prerequisites: (Non-majors only) Completion of remedial courses in English and Reading. 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
Offered: Fall, Spring, Summer

ART 104 Art History - Contemporary
Prerequisites: Completion of remedial courses in English and Reading. 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
Offered: Fall, Spring, Summer

ART 105 2-Dimensional Design
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-GHUM; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 111 Drawing I
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-GHUM; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 115 Painting I
An introduction to the techniques, mechanics and composition of painting via personal expression. Average cost of supplies: $200. Laboratory fee applies.
SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 122 Ceramics I
Tools and techniques of hand-building and potters wheel are used to form pottery and related sculptural construction in clay. Students learn a variety of decorative and glazing techniques used to form pottery and related sculptural construction in clay. Average cost of supplies: $125 Laboratory fee applies.
SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 130 Graphic Design I
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.
SUNY GEN ED-NA; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 159 Photography I
A basic foundation in the techniques and aesthetics of photography with emphasis on the camera, digital darkroom and portfolio construction. 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.
SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 201 Survey of Art History I
Prerequisites: Completion of remedial courses of English and Reading. The development of architecture, painting and sculpture from 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
Offered: Fall, Spring, Summer

ASL 152 American Sign Language I
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. An introduction to American Sign Language, the natural communication system 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-NA; NCC GEN ED-NA
Offered: Fall, Spring, Summer

ASL 153 American Sign Language II
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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 152) SUNY GEN ED-NA; NCC GEN ED-NA
Offered: Fall, Spring, Summer

BIO 101 General Biology I
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
Offered: Fall, Spring, Summer

BIO 102 General Biology II
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 experienced 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
Offered: Fall, Spring, Summer

BIO 103 Ecology
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 the principles of 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
Offered: Fall, Spring, Summer

BIO 104 Zoology
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 in the biology 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
Offered: Fall, Spring, Summer

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. This is the first course in the BIO 109 - BIO 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
Offered: Fall, Spring, Summer

BIO 110 Principles of Biology II
Prerequisites: BIO 109. This is the second course in the BIO 109 - BIO 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
Offered: Fall, Spring, Summer

BIO 115 Human BioNutrition
(Formerly BIO 111 / BIO 112) Nutrition is explored as an emerging science that combines biology and chemistry into an exciting field of specialization. This course is designed to explore the physiological mechanisms of nutrient metabolism and their interactions on human cellular biology. 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 the human body and 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
Offered: Fall, Spring, Summer

BIO 119 Oceanology
(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, coastline, 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
Offered: Fall, Spring, Summer

BIO 120 Birds & Environment
Prerequisites: One semester of college biology or permission of the Department. 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 dissections of birds 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
Offered: Fall, Spring, Summer

BIO 130 Molecules & Medicines
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
Offered: On Occasion
BIO 162 Animal Ecology
Prerequisites: High School biology or similar course experience. The fundamental principles of ecology are presented through habitat explorations. Patterns of animal behavior (ethology) along with their course specializations adapting wildlife to their habitats are emphasized. Working with locally found living vertebrate and invertebrate species 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
Offered: Fall, Spring, Summer

BIO 165 Natural History of Long Island
Prerequisites: High School biology or similar course experience. The course aims at expanding the student’s knowledge about Long Island’s biological 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
Offered: Fall, Spring, Summer

BUS 100 Creative Prob Solving in Bus
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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

BUS 110 Intro to Business
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 to all citizens. Students examine the operation and activities of large and small enterprises and the interrelationship of the various specialized fields of business. 
SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

BUS 111 Entrepreneurship
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 in the future and those who already have 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 regulatory factors, as well as the risks and rewards of managing or owning small enterprises. 
SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

BUS 112 Principles of Management
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 management; 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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

BUS 280 Intro to Sports Management
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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

CHE 131 General Chemistry I
Prerequisites: Completion of all ENG, RDG and MAT remediation requirements. This is the first course of the CHE 131 - CHE 132 sequence. This course covers the 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
Offered: Fall, Spring, Summer

CHE 132 General Chemistry II
Prerequisites: Completion of all ENG, RDG and MAT remediation requirements. This is the second course of the CHE 131 - CHE 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
Offered: Fall, Spring, Summer

CHE 151 Inorganic Chemistry I
Prerequisites: High School Chemistry or CHE 107 Co-requisites: Pre or co-requisite MAT 111 or equivalent. Recommended for students concentrating in science or mathematics. A continuing course in modern chemistry. 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
Offered: Fall, Spring, Summer

CHE 152 Inorganic Chemistry II
Prerequisites: CHE 151. A continuation of 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 chemical analysis. (3 lecture, 5 laboratory hours) Laboratory fee applies. 
SUNY GEN ED-GLAB; NCC GEN ED-LSCI
Offered: Fall, Spring, Summer

CHE 200 Intro Organic Chemistry
Prerequisites: CHE 131 or permission of Chairperson. 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 - CHE 202. (3 lecture, 3 laboratory hours) Laboratory fee applies. 
SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

CHE 201 Organic Chemistry I
Prerequisites: Minimum of C in CHE 152. This is the first course of the CHE 201 - CHE 202 sequence. This 1st semester course in organic chemistry covers the nature, physical properties, stereochemistry, structure-reactivity relationships, and reaction mechanisms of alkanes, alkenes and alkylnes, 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
Offered: Fall, Spring, Summer

CHE 202 Organic Chemistry II
Prerequisites: Minimum of C in CHE 201. This is the second course of the CHE 201 - CHE 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
Offered: Spring, Summer

CHE 260 Biochemistry
Prerequisites: CHE 200 or CHE 201 or permission of Chairperson. For paramedic science students. This course presents classes of biologically interesting compounds and covers their structure, biochemistry, and physiological function. Charts and graphs, data query, multiple spreadsheets, links and software 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-n/a
Offered: Fall, Winterim, Spring, Summer

CMP 101 Intro to Computers
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
This introduction to computers applying critical thinking and problem solving strategies in science, mathematics and information/data management. The course will address issues of information overload, judgment. 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. Laboratory fee applies.

SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Winterim, Spring, Summer

CMP 105 Electronic Spreadsheets
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
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
Offered: Fall, Winterim, Spring, Summer

CMP 115 Computers in Business
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
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
Offered: Fall, Winterim, Spring, Summer

CMP 117 Bus Computing: Concept and App
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. 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 assignments provide 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
Offered: Fall, Winterim, Spring, Summer

COM 101 Interpersonal Communications
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. This is a study of the historical and contemporary principles and concepts of human communication. An examination of the interpersonal communication process will help students understand the importance 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
Offered: Fall, Spring, Summer

COM 103 Public Speaking
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. Principles and practices of public speaking. Emphasis in public speaking on preparation and presentation of speeches, selection of material, 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
Offered: Fall, Spring, Summer

COM 104 Film Appreciation
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. Consideration of the film’s coming of age as a major art form and its interaction with religion, politics, and social commentary. 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-GBCM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

COM 110 Understanding Mass Media
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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 outside the lives of the consumers?

SUNY GEN ED-n/a; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

COM 113 Documentary Media
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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
Offered: Fall, Spring, Summer

COM 123 Argumentation & Debate
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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 political careers.

SUNY GEN ED-GBCM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

COM 201 Voice & Diction
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 development of the identity of the specific 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
Offered: Fall, Spring, Summer

COM 290 Media Practicum
Prerequisites: Departmental permission. Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. Supervised practical experience at media facilities providing students with the skills needed to learn in previous media courses. Field experience and future career opportunities will be discussed in a colloquial on-campus classroom setting. The course is on media technology. (Prior coursework in media or permission of the Department Chair required.) Three credits (1 1/2 hours classroom lecture, discussion; 12 hours field experience)

SUNY GEN ED-n/a; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

CRJ 101 Police Org & Administration
Prerequisites: Completion of RDG 001 and ENG 001. 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
Offered: Fall, Spring, Summer

CRJ 105 Foundations of Justice System
Prerequisites: Completion of RDG 001 and ENG 001. 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 societal needs.

SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

CRJ 106 Understanding Criminal Behavior
Prerequisites: Completion of RDG 001 and ENG 001. 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
Offered: Fall, Spring, Summer

CRJ 110 Intro to Correction
Prerequisites: Completion of RDG 001 and ENG 001. 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 in 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
Offered: Fall, Spring, Summer

CRJ 111 Probation & Parole 1
Prerequisites: Completion of RDG 001 and ENG 001. 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 students a better understanding of the impact of these systems in the Criminal Justice System.

SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

CRJ 201 Criminal Investigation
Prerequisites: Completion of RDG 001 and ENG 001. 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 processing 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
Offered: Fall, Spring, Summer
ECO 100 Survey of Economics
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 - ECO 208.
SUNY GEN ED-GSBS; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

ECO 110 Personal Finance
(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 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 ECO 101.
SUNY GEN ED-n/a; GCC GEN ED-n/a
Offered: Fall, Spring, Summer

ECO 213 Money and Banking
(Dual listed with FIN 213)
Basic concepts of money and financial intermediaries, development of commercial banks and the creation of demand deposits, money, 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; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

EDU 101 Appl Beh Analy: Field Exp I
Prerequisites: Permission of Chairperson.
A systematic examination of facilities for the education of special education children. Emphasis is placed upon developing the students' 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 ECO 101.
SUNY GEN ED-n/a; GCC GEN ED-n/a
Offered: Fall, Spring, Summer

EDU 104 Infants & Toddlers
Will explore programs, curricula for the care of children ages 6 weeks through the second year who are in group care settings. Approaches to learning, techniques for working with young children, and the influence of globalization in contemporary financial markets and international trade. Analysis dealing with the behavior of individual and institutional investors, uses of derivatives, sources of investment information, mutual fund, international diversification, the macroeconomy and the impact of economic variables on investments.
SUNY GEN ED-GSBS; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

EDU 110 Intro to Investments
(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 indices, risk analysis, present and future value, stock valuation and investment decisions, portfolio management 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-GSBS; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

EDU 207 Principles of Microeconomics
Prerequisites: Students must have satisfied all remediation in MAT.
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 and their impact as well as their impact on the economy will be considered.
SUNY GEN ED-GSBS; GCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer

EDU 213 Money and Banking
Prerequisites: ECO 207 or permission of instructor.
Basic concepts of money and financial intermediaries, development of commercial banks and the creation of demand deposits, money, 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; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

EDU 235 Exceptional Child
Prerequisites: PSY 203 and PSY 212 or PSY 213. (Dual listed with PSY 235)
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 ECO 206.
SUNY GEN ED-GSBS; GCC GEN ED-SBS
Offered: Fall, Spring, Summer

ENG 001 Preparatory English
This course provides intense instruction in small classes to enable unprepared students to meet the demands of college-level writing. Specifically, students practice basic writing skills in preparation for the requirements of ENG 101 (See catalog description of ENG 101.) ENG 001 curriculum is designed to teach students proper focus encompassing pre-writing exercises, drafting, revising, and editing, but it also provides review and instruction in basic grammar, punctuation, sentence boundaries and structural and developmental issues related to
basic composition. Freshmen assigned to ENG 001 must pass it before enrolling in ENG 101. ENG 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, non-001 students are offered to students in need of focused language acquisition work in writing.) (3 lecture hours)

SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

ENG 030 ESL Writing III
Prerequisites: Placement by Department.
This course prepares students for ENG 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 term, 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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

ENG 100 Enhanced Composition I
Prerequisites: Score on the Placement essay of 5.5 or placement by Department.
This course is equivalent to ENG 101, the first credit-bearing course in composition. ENG 100, created for undergraduates who have prior college credit in one of the composition pathways or who are English majors or minors, is designed to give students experience in various genres of composition, including a sequence of essays that develop their research skills as they focus on various emphasis areas. Each emphasis area features a primary analysis of literary texts. The course offers students continued opportunities for in-depth study, research, and practice in drafting, revising, and editing essays. A primary emphasis is on developing students’ ability to interpret and analyze published texts. In addition, students are expected to write developed, clear, well-organized, grammatically correct writing. The curriculum is designed to give students a balanced approach to pre-writing, drafting, revising, and editing, with an emphasis on the importance of reading and responding to texts. ENG 100 is a 1-credit course meeting for 3 hours per week. It is not offered to students who have previously earned a grade of C or better in ENG 101 or have taken ENG 102.

SUNY GEN ED-a/n; NCC GEN ED-CH
Offered: Fall, Spring, Summer

ENG 101 Composition I
Prerequisites: ENG 001, ENG 030 or placement by Department, RDG 001, concurrent enrollment in RDG 030 or placement by Department.
This course prepares students to produce clear, well-developed, well-organized, grammatically correct writing. The curriculum is designed to give students guided practice in pre-writing, drafting, revising, and editing essays. The course is also designed to develop students’ ability 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. Students who take ENG 100 do not take ENG 001 or ENG 101. Success in ENG 100 indicates movement to ENG 102, the next course in the composition sequence.

SUNY GEN ED-a/n; NCC GEN ED-CH
Offered: Fall, Spring, Summer

ENG 102 Composition II
Prerequisites: ENG 100 or ENG 101. RDG 001, concurrent enrollment in RDG 030 or placement by Department.
This course is for students interested in improving their ability to write academic and professional English. It focuses on vocabulary, grammar, and punctuation at the sentence and paragraph levels. Students will study grammar, not only through rules and textbook models, but also in the context and practice of their own writing and editing.

SUNY GEN ED-a/n; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

ENG 203 Early Amer Lit to 1865
Prerequisites: ENG 102 or ENG 109.
This course is a study of American literature from earliest literature through the 1860s. It provides an understanding of the heritage of America, the works created 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-GHM; NCC GEN ED-WESH, HUM, LIT
Offered: Fall, Spring, Summer

ENG 204 Mod Amer Lit 1865-Present
Prerequisites: ENG 102 or ENG 109, ENG 203 is not a prerequisite for this course.
This course is a study of 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-GHM; NCC GEN ED-WESH, HUM, LIT
Offered: Fall, Spring, Summer

ENG 205 Early British Lit to 1800
Prerequisites: ENG 102 or ENG 109.
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-GHM; NCC GEN ED-HUM, LIT, WESH
Offered: Fall, Spring, Summer

ENG 207 African-American Literature I
Prerequisites: ENG 100 or ENG 101 and ENG 102 or ENG 109. (Dual listed with AFR 130)
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 period, 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-GHM; NCC GEN ED-HUM, LIT, PLDI
Offered: Fall, Spring, Summer

ENG 215 Journalism
Prerequisites: ENG 100 or ENG 101 or ENG 108.
This course examines the principles and practices of journalism with emphasis on reporting and writing news, features, interviews, and editorials; 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-GHM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

ENG 231 Mystery & Detective
Prerequisites: ENG 100 or ENG 109.
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-GHM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 251 Film & Literature
Prerequisites: ENG 102 or ENG 109.
This course examines the principles and practices of journalism with emphasis on reporting and writing news, features, interviews, and editorials; 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-GHM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

ENG 261 Literature of the Holocaust
Prerequisites: ENG 102 or ENG 109.
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-GHM; NCC GEN ED-HUM, LIT, PLDI
Offered: Fall, Spring, Summer

ENG 265 Modern American Poetry
Prerequisites: ENG 102 or ENG 109.
This course studies the diversity of American poetry from the 19th century to contemporary times. Analysis of the texts, with reference to comparable works and ideas, is emphasized. Writing is an integral component of the course.

SUNY GEN ED-GHM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 302 Shakespeare Tragedies
Prerequisites: ENG 102 or ENG 109.
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-GHM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 313 Creative Writing
Prerequisites: ENG 102 or ENG 109.
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-GART; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ENG 314 Studies in Children Literature
Prerequisites: ENG 102 or ENG 109.
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-GHM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENS 105 Introduction to CAD
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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

ENS 205 Statics
Prerequisites: MAT 122, PHY 122.
Introduction to applied vector algebra, force systems, equilibrium. Analysis of structures and machines. Friction, centroids, and moment of inertia.

SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

ENS 206 Dynamics
Prerequisites: ENS 205, PHY 122.
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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

FBM 120 Intro to Fashion Industry
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-a/n; NCC GEN ED-a/n
Offered: Summer

FBM 130 Fashion & Home Accessories
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-a/n; NCC GEN ED-a/n
Offered: Summer
FRE 102 Beginning French II
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 101 or equivalent.
Fundamentals of grammar, pronunciation, culture and conversation. Reading, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

FRE 101 Beginning French I
Prerequisites: Permission of Department Chairperson. 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
Offered: Summer

FIN 110 Personal Finance
(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-GBS; NCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer

FIN 111 Introduction to Finance
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.
SUNY GEN ED-GBS; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

FIN 112 Intro to Investments
(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-GBS; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

FIN 213 Money and Banking
Prerequisites: ECO 207 or permission of instructor.
(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. Monetarist, international finance, exchange rates and the balance of payments will be examined.
SUNY GEN ED-n/a; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

FIN 214 Corporation Finance
Prerequisites: ECO 207 or permission of instructor.
(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
Offered: Fall, Spring, Summer

FRE 101 Beginning French I
Prerequisites: Satisfaction of completion of ENG 001 and RDG 002.
Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. This course is not intended for students of French background. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

FRE 102 Beginning French II
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. FRE 101 or equivalent.
Fundamentals of grammar, pronunciation, culture and conversation. Reading, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

FRS 101 Intro. Fire Science
Prerequisites: Completion of RDG 001 and ENG 001.
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
Offered: Fall, Spring, Summer

FSD 120 Garment Construction
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. Sample garments are developed through the use of a basic pattern. Material cost and laboratory fees apply.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

FSD 121 Fashion History
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 multi-media presentations.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

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 or permission of instructor.
Students work for appropriate fashion design firms, in a design room to enrich the theoretical concepts previously developed in the classroom.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

GEO 101 Intro to Geography
Prerequisites: Completion of RDG 001 and/or RDG 002.
This course is an introduction to the basic concepts and techniques of geography. Global patterns of and interactions among climate, landforms, environmental alteration, economic development, urbanization, and settlement are emphasized.
SUNY GEN ED-GBS; NCC GEN ED-SBS, GLNW
Offered: Summer

GSS 122 Science of Energy
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
Offered: Fall, Spring, Summer

GSS 126 Forensic Technology
The course introduces the various types of physical evidence encountered at crime scenes (e.g., fingerprints, hair, fiber, tools, 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 ED-n/a; NCC GEN ED-NSCI
Offered: Fall, Spring, Summer

HED 200 Healthful Living
Students receiving credit for PED 200 will not receive credit for HED 200.
This intensive 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, mental health, 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
Offered: Fall, Spring, Summer

HED 201 Personal & Family Health
Students receiving credit for PED 201 will not receive credit for HED 201. 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
Offered: Fall, Winterim, Spring, Summer

HED 231 Death Educ: Hlth Perspective
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, funerals and death in general.
SUNY GEN ED-n/a; NCC GEN ED-PDLI
Offered: Fall, Spring, Summer

HED 251 Human Sexuality
Students receiving credit for PED 251 will not receive credit for HED 251. Taught in a 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 addressed. Audiovisual material of a sensitive nature may be used.
SUNY GEN ED-n/a; NCC GEN ED-PDLI
Offered: Fall, Winterim, Spring, Summer

HED 271 Alcohol Addict Abuse Behavior
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 intrapsychic addictive syndrome on diverse populations that reflect issues of race, ethnicity, gender and sexual orientation.
SUNY GEN ED-n/a; NCC GEN ED-PDLI
Offered: Fall, Spring, Summer

HIS 101 Hist of Western Civilization I
Prerequisites: Completion of RDG 001 and/or RDG 002.
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 modern western world.
SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, Summer

HIS 102 Hist of Western Civilization II
Prerequisites: Completion of RDG 001 and/or RDG 002.
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-GWEL, GSB; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, Summer

His 103 History United States I
Prerequisites: Completion of RDG 001 and/or RDG 002.
This course covers broad spectrums 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, GAMH; NCC GEN ED-SBS, PLDI
Offered: Fall, Winterim, Spring, Summer

His 104 History United States II
Prerequisites: Completion of RDG 001 and/or RDG 002.
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 turbulent past in the modern era, the course seeks to examine the impact recent events have had on the creation of modern American society, politics and world affairs.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, Summer

His 105 The World, 1945-Present
Prerequisites: Completion of RDG 001
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, GCC GEN ED-GLNW, SBS, HISD
Offered: Fall, Winterim, Spring, Summer

His 106 U.S.A., 1945-Present
Prerequisites: Completion of RDG 001
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, GSB; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, Summer

His 130 Ethnic Groups in Amer Hist
Prerequisites: Completion of RDG 001 and/or RDG 002.
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-GAMH, GSBS; NCC GEN ED-SBS, PLDI
Offered: Summer

His 161 World History Antiquity-1500
Prerequisites: Completion of RDG 001 and/or RDG 002.
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
Offered: Summer

His 178 History of the Black Woman
Prerequisites: Completion of RDG 001
(Dual listed with AFR 200)
An historical examination of the role, 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 liberation and the ERA amendment.

SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH
Offered: Fall, Spring, Summer

His 190 Hist of Sports in America
Prerequisites: Completion of RDG 001
This course examines the evolution of sports in the context of American History. From the colonial era to the present, sports have served as a mirror of the history of the nation. The cause 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
Offered: Summer

His 205 The Ancient World
Prerequisites: Completion of RDG 001 and/or RDG 002.
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
Offered: Summer

His 220 Modern Latin American
Prerequisites: Completion of RDG 001
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
Offered: Summer

His 221 The Afro-Caribbean World
Prerequisites: AFR 140/HIS 176, HIS 220 or permission of instructor; completion of RDG 001
(Dual Listed with AFR 203)
An historical presentation of the African experience in the Caribbean nations of Cuba, Bahamas, Haiti, Dominican Republic, the Virgin Islands, 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
Offered: Fall, Spring, Summer

His 232 History of the Cold War
Prerequisites: Completion of RDG 001 and/or RDG 002.
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 will be given the opportunity to confront the development of the Cold War, and peace in the 20th century.

SUNY GEN ED-GSBS; NCC GEN ED-SBS, WESH
Offered: Summer

His 234 History of Ireland
Prerequisites: Completion of RDG 001.
(Formerly HIS 170)
This course focuses on Celtic history, foreign invasions, early modern Ireland before emigration, 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
Offered: Summer

His 235 Russia Since Peter the Great
Prerequisites: Completion of RDG 001 and/or RDG 002.
This course tries to make Russia 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

HIT 151 Medical Terminology
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 the word. (Students receiving credit for HIT 151 will not receive credit for HIT 152.)

SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

HIT 250 Hlth Data Struct Delivery Sys
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
Offered: Fall, Spring, Summer

HIT 257 Advanced ICD Coding
Prerequisites: HIT 151, HIT 156, HIT 157 (with a grade of C or better in each course) or permission of the Chairperson.
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 groups including DRG, APR-DRG and RUGS, as well as diagnostic coding systems including ICD-10 and the DSM-IV. Course includes an introduction to Systematized 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
Offered: Fall, Spring, Summer

HMS 205 Community Service Internship
Prerequisites: HMS 117 and permission of instructor.
The course includes five field work hours per week plus one four hour service learning hour 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 in human service management. Special attention is paid to working with diverse populations.

SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

HRS 101 Human Rights Studies
Prerequisites: Completion of remedial courses in MAT, ENG and RDG.
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 and non-governmental 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
Offered: Fall, Spring, Summer

HTL 174 Fundamentals Foods Production
An introduction to food preparation emphasizing basic culinary skills, practices, and the complete sanitation program in food establishments. Chief 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-GLNW, PLDI
Offered: Fall, Spring, Summer

HTL 242 Hospitality Internship
Students work for appropriate business firms, institutions and/or agencies where they can put 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
Offered: Fall, Spring, Summer

INT 142 Field Training 
Prerequisites: Permission of instructor or Department Chairperson. 
Students work for appropriate business firms to enrich the theoretical concepts previously developed in the classroom. Enrollment limited to Intensive Design students.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Spring, Summer

ITA 101 Beginning Italian 1 
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. 
This is the first course in the ITA 101-ITA 102 sequence. Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. 
Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH 
Offered: Fall, Spring, Summer

ITA 102 Beginning Italian 2 
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. ITA 101 or equivalent. 
This is the second course in the ITA 101-ITA 102 sequence. Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. 
Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH 
Offered: Fall, Spring, Summer

ITE 101 Intro. Info. Technology 
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting this course. 
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
Offered: Fall, Winterim, Spring, Summer

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.
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
Offered: Fall, Winterim, Spring, Summer

JPN 101 Beginning Japanese 1 
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. 
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 component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, GLNW 
Offered: Fall, Summer

JPN 102 Beginning Japanese 2 
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. JPN 101 or equivalent. 
Fundamentals of grammar, pronunciation, culture and conversation. Reading, writing, listening comprehension and simple conversational patterns. Laboratory fee applies. 
Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM 
Offered: Fall, Spring, Summer

LAS 101 Intro Latin American Studies 
This course introduces students to the interdisciplinary study of the diverse nations, traditions, experiences, and concerns of the peoples 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 
Offered: Fall, Spring, Summer

LAW 103 Business Law 
I 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 
Offered: Fall, Spring, Summer

LAW 104 Business Law II 
Prerequisites: LAW 103.
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 
Offered: Fall, Spring, Summer

LAW 300 Intro Law & the Legal System 
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 
Offered: Fall, Spring, Summer

LAW 306 Practicum 
Prerequisites: All LAW courses in Paralegal Program, Permission of instructor required. 
Supervised practical experience in a law firm or law-related institution.
SUNY GEN ED-n/a; NCC GEN ED-n/a 
Offered: Fall, Spring, Summer

LAW 309 Law Office Management 
Prerequisites: LAW 300 
Co-requisites: LAW 300 
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 also include an introduction to computer utilization in litigation support, legal research and case management. Students must be familiar with word processing or enroll in ABT 109 prior to taking this course.
SUNY GEN ED-n/a; NCC GEN ED-n/a 
Offered: Fall, Spring, Summer

LAW 312 Elder Law 
Prerequisites: LAW 300 and LAW 305. 
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 
Offered: Fall, Spring, Summer

MAT 1 Preparatory Mathematics 
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 
Offered: Fall, Winterim, Spring, Summer

MAT 101 Topical Approach to Math 
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
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 
Offered: Fall, Winterim, Spring, Summer

MAT 101 Concepts of Math 
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
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 
Offered: Fall, Winterim, Spring, Summer

MAT 102 Intro Statistics 
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
*See calculator note in catalog. Appropriate and inappropriate uses of statistics, measures of central tendency and variability, basic concepts of probability, the binomial and normal ‘t’ distributions, testing hypotheses, estimation, chi-square, linear regression, and correlation.
SUNY GEN ED-GMAT; NCC GEN ED-MATH 
Offered: Fall, Winterim, Spring, Summer

MAT 103 Applied Statistics 
Prerequisites: Students are to be placed into MAT 103 by the following:
At least a C in MAT 102. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
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 
Offered: Fall, Winterim, Spring, Summer

MAT 109 Algebra & Trigonometry 
Prerequisites: Students are to be placed into MAT 109 by the following:
College Placement Test (For some students whose College Placement Test scores allow for MAT 109, MAT 002 might be recommended prior to taking MAT 109) 
Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course.
*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 
Offered: Fall, Winterim, Spring, Summer

MAT 111 Pre-Calculus 
Prerequisites: Students are to be placed into MAT 111 by the following:
College Placement Test 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.
*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 
Offered: Fall, Winterim, Spring, Summer

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MAT 112 Calculus/Business
Prerequisites: Students are to be placed into MAT 112 by the following:
College Placement Test 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.
*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; 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-GMAT; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MAT 144 Findation of Math for Educators
Prerequisites: Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. This course is intended for students who are interested in teaching at the college level. Topics will include courses of a binary algorithms, the real numbers, field properties of the real number system as applied to abstract mathematical systems, numerations systems, functions and equivalences 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-a/n; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MAT 118 Finite Math/Quant Analysis
Prerequisites: Students are to be placed into MAT 118 by the following:
College Placement Test for (some students whose College Placement Test scores allow for MAT 118, MAT 002 might be recommended prior to taking MAT 118)
Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. This course covers applications of finite mathematical models, primarily to problems in business and management. Matrix operations, Markov chains, linear programming, input output analysis, linear programming and the simplex method, game and decision theory will be addressed.
SUNY GEN ED-GMAT; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MAT 122 Calculus 1
Prerequisites: Students are to be placed into MAT 122 by the following:
College Placement Test 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.
*See calculator note in catalog. Definitions of limit, continuity and derivative; rules 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
Offered: Fall, Winterim, Spring, Summer

MAT 123 Calculus 2
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.
*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
Offered: Fall, Winterim, Spring, Summer

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.
*See calculator note in catalog. Curves and surfaces in three dimensional space, partial derivatives, gradient, constrained and unconstrained optimization, parametric curves and surfaces. Integration topics include multiple integrals, volume, area, mass, line and surface integrals, flux, divergence. (4.5 lecture hours) Students will not receive credit for both MAT 112 and MAT 122.
SUNY GEN ED-a/n; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MAT 226 Elementary Linear Algebra
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.
*See calculator note in catalog. This course is an introduction to Elementary Algebra. Topics to be covered include systems of linear equations, determinants, matrix algebra, vector algebra, vector spaces, linear transformations, eigenspaces, inner products, spectral theory, and linear differential equations.
SUNY GEN ED-a/n; NCC GEN ED-MATH
Offered: Spring, Summer

MAT 234 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.
*See calculator note in catalog. Analysis and methods of solving first-order equations, including numerical methods; higher order equations including the Laplace transform method, the Taylor's solution, and boundary value problems; linear systems of equations; applications to physical, engineering and life sciences.
SUNY GEN ED-a/n; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MAT 241 Discrete Math Structures
Prerequisites: MAT 122. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. This course covers applications of discrete mathematics, primarily to problems in business and management. Matrix operations, Markov chains, linear programming, input output analysis, linear programming and the simplex method, game and decision theory will be addressed.
SUNY GEN ED-a/n; NCC GEN ED-MATH
Offered: Fall, Winterim, Spring, Summer

MKT 100 Introduction to Marketing
Prerequisites: MAT 122. Students must have satisfied all MAT, ENG 001 and RDG 001 remediation requirements prior to starting the course. This course will give the student a practical and wide ranging understanding of the dynamics of marketing which acquaints the student with the principles and methods employed in all phases of the distribution function. Emphasis is given to applications in Business and Social Sciences. Topics to be discussed include marketing concepts, marketing strategies, 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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

MKT 138 Public Relations
Prerequisites: 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-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

MKT 142 Field Training
Prerequisites: Permission of Department Course Coordinator. Students will work for appropriate business firms, institutions and/or agencies to enrich the theoretical concepts previously developed in the classroom.
SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Spring, Summer

MSC 237 Embalming Lab I
Prerequisites: MSC 112, MSC 124 and MSC 236. Co-requisites: MSC 236. 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-a/n; NCC GEN ED-a/n
Offered: Fall, Summer

MSC 248 Embalming Lab II
Prerequisites: Co-requisites: MSC 247. Clinical experience continues in practical embalming processes taught at Bellevue Hospital in New York City. (4 laboratory hours) Laboratory fee applies.
SUNY GEN ED-a/n; NCC GEN ED-a/n
Offered: Fall, Summer

MUS 100 Listening to Music
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
Offered: Fall, Winterim, Spring, Summer

MUS 102 Beginning Piano
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, WESH
Offered: Fall, Winterim, Spring, Summer

MUS 103 Beginning Guitar
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
Offered: Fall, Spring, Summer
MUS 135 Rck Musc: Mirror of Chng
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
Offered: Fall, Winterim, Spring, Summer

NCC 101 College Experience
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
Offered: Fall, Spring, Summer

NTR 158 Social & Cult Aspects of Food
This course is an exploration of the social, cultural and religious aspects of food in different countries and nationalities with emphasis on ethnic groups in the United States. The food habits of various groups, identification of foods and terminology, dietary rationales, and the economics of dietary intake, will be investigated. The emphasis of this course is on developing cultural competency and sensitivity to various ethnic groups. It includes cultural foods taste testing and nutritional counseling of people from various cultures.
SUNY GEN ED-n/a; NCC GEN ED-PLDI
Offered: Fall, Spring, Summer

NTR 195 Nutrition Life Cycle
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
Offered: Fall, Spring, Summer

NTR 198 Nutrition for Healthcare Prof
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
Offered: Fall, Spring, Summer

NUR 100 Intro to Associate Deg Nursing
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
Offered: Summer, Winterim

PED 292 Safety & First Aid
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
Offered: Fall, Spring, Summer

PED 301 Physical Cond/Weight Trng I
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 303 Physical Cond/Weight Trng II
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 322 Tennis I
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 401 Fitness Activity Women
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 422 Tennis I
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 501 Sailing
($) Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 502 Tennis I Coed
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 512 Golf I Coed
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 514 Golf II Coed
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 519 Self Defense
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 520 Raquetball Coed
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 523 Jogging
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 524 Tennis II Coed
Prerequisites: PED 302 or PED 322 or PED 422 Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Winterim, Spring, Summer

PED 530 Basic Tap Dance
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 534 Basic Jazz Dance
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 539 Bowling I
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 540 Bowling II
Prerequisites: PED 539 Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 551 Yoga
Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Fall, Spring, Summer

PED 611 Fundamental Dance (C) (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
Offered: Fall, Spring, Summer

PED 622 Circus Arts
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 development. Lab fee applies.
SUNY GEN ED-n/a; NCC GEN ED-PED
Offered: Spring, Summer

PED 636 Adventure Activities
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-n/a
Offered: Fall, Spring, Summer

PED 640 CPR-Basic Life Support
(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
Offered: Fall, Spring, Summer

PED 657 Karate I
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
Offered: Fall, Spring, Summer

PED 665 Basic Swimming I
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
Offered: Fall, Spring, Summer

PED 666 Basic Swimming II
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
Offered: Fall, Spring, Summer

PHI 101 Intro to Philosophy
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-PLDI, HUM, WESH
Offered: Fall, Spring, Summer

PHI 103 Critical Thinking
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-DGHUM; NCC GEN ED-HUM Offered: Fall, Spring, Summer

PHI 110 Bio-Medical Ethics
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-DGHUM; NCC GEN ED-HUM Offered: Fall, Spring, Summer

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. 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 Offered: Fall, Spring, Summer

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. 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 Offered: Fall, Spring, Summer

PHY 151 Physics Science & Math I Concurrent
Prerequisite: MAT 122. The first semester of a two-term 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 Offered: Fall, Spring, Summer

PHY 152 Physics Science & Math II
Prerequisites: MAT 122 and PHY 151 or permission of Department. The second half of a calculus-based physics 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 Offered: Fall, Spring, Summer

POL 101 Gov't & Politics Modern World
Prerequisites: Completion of RDG 001 and/or RDG 002. 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-GEBS; NCC GEN ED-GEBS, GLNW Offered: Summer

POL 205 American Nat’l Government
Prerequisites: Completion of RDG 001 and/or RDG 002. 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-GEBS; NCC GEN ED-GEBS Offered: Summer

PSA 225 Intro Emergency Management
Prerequisites: Completion of RDG 001 and ENG 001. 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 Offered: Summer

PSY 203 General Psychology I
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 psychology; and the important contributions from the behaviorists, 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 204 General Psych II-Res Methods
Prerequisites: PSY 203. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 206 Educational Psychology
Prerequisites: PSY 203. (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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 212 Adolescent Psychology
Prerequisites: PSY 203. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 213 Child Development
Prerequisites: PSY 203. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 215 Abnormal Psychology
Prerequisites: PSY 203. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 216 Lifespan Human Development
Prerequisites: PSY 203. This course examines 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-GEBS Offered: Fall, Spring, Summer

PSY 220 Brain and Behavior
Prerequisites: PSY 203. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 235 Psy/Exceptional Child
Prerequisites: PSY 203 and PSY 212 or PSY 213. 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-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

PSY 241 Social Psychology
Prerequisites: PSY 203. 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, sources of attitudes, social norms and roles, individual personality, group structures and processes, leadership and communication. SUNY GEN ED-GEBS; NCC GEN ED-GEBS Offered: Fall, Spring, Summer

RDG 1 Reading and Study I
Prerequisites: Satisfactory completion of BEP 090, if required. A required course for students who demonstrate reading deficiencies as indicated by 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) Students assigned to this course must pass it before proceeding to ENG 101. SUNY GEN ED-n/a; NCC GEN ED-n/a Offered: Fall, Spring, Summer

RDG 2 Rdg & Studying College Texts
Prerequisites: Satisfactory completion of BEP 090 or RDG 001, if required. 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 Offered: Fall, Spring, Summer

RDG 30 Rdg ESL - Foreign Student 3
Prerequisites: Completion of ELI (English Language Institute) or placement by department. 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. This course will be an intensive course in 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 Offered: Fall, Spring, Summer
Reading/BEP RDG 101 Effective College Reading
Prerequisites: Satisfaction of all non-credit Reading requirements.
This is an advanced Reading course focusing on the critical reading of expository and narrative text from a variety of print and digital sources. Students will develop critical reading strategies to be used in the context of reading about issues facing them as members of society and as candidates for further study or for the world of work. There will be an emphasis on information literacy and on response to reading.
SUNY GEN ED-GHM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

SCI 101 Physical Science
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-n/a; NCC GEN ED-n/a
Offered: Summer

SCI 102 Physical Geology
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 the 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 will be 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 DVDs, the internet, computers and other electronic media to complete the course assignments. Students must have access to a computer and a DVD player. 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 flavor of geology, 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-GLSCI.
Offered: Fall, Spring, Summer

SCI 103 Solar System Astronomy
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 DVDs, the internet, computers and other electronic media to complete the course assignments. Students must have access to a computer and a DVD player. Students will occasionally meet with the instructor on campus to perform laboratory experiments and take exams. Lab fee applies.
SUNY GEN ED-GLAB; NCC GEN ED-GLSCI.
Offered: Fall, Spring, Summer

SCI 104 Stellar & Galactic Astronomy
The student is introduced to the historical development of theories basic to our understanding of 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-GLSCI.
Offered: Fall, Spring, Summer

SCI 105 Solar System Astronomy
SUNY GEN ED-n/a; NCC GEN ED-n/a.
Offered: Fall, Spring, Summer

SCI 106 Stellar & Galactic Astronomy
SUNY GEN ED-n/a; NCC GEN ED-n/a.
Offered: Summer

SCI 107 Principles of Retailing
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
Offered: Summer

SCI 109 Environmental Science
Some Saturday field trips may be required of evening students. This course presents 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 are 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-GLSCI.
Offered: Fall, Spring, Summer

SCI 110 Meteorology
To understand the daily and seasonal weather, students will be introduced to basic meteorological elements such as temperature, pressure, humidity, 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 as a hybrid online course. 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 through the course website. 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-GLSCI.
Offered: Fall, Spring, Summer

SCI 112 Principles of Retailing
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

SCI 115 Beaches and Coasts
This course introduces the study of beach and coastal processes and environments. It examines coastal morphology such as barrier islands, spits, dunes and marshes and introduces the effects of plate tectonics, glaciers, and rivers on beaches and coasts. It also examines tidal currents, wave action, longshore currents and transport, and estuarine circulation. Human activities and the effects of (natural and man-made) structures will also be emphasized. Students will also study the various methods used for study of coastal environments. Field trips (s) required.
SUNY GEN ED-n/a; NCC GEN ED-ASC, NSCI
Offered: Fall, Winter, Spring, Summer

SCI 119 Oceanology
(Dual listed with BIO 119).
This is a three-credit course and does not fulfill the laboratory 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 life, marine resources, and man’s relationship to the sea. (3 lecture hours)
SUNY GEN ED-GLAB; NCC GEN ED-NSCI.
Offered: Fall, Spring, Summer

SCI 209 Environmental Safety & Health
This course is designed for anyone interested in understanding what constitutes a safe and healthy environment. The course first discusses the methodologies that enable one to understand why and how exposure to various hazards, to food safety, herbicides, radiation, indoor/outdoor air pollution (including carbon monoxide and cleaning products), noise pollution, transportation, water quality, pesticides, dangers facing children along with both solid and hazardous waste. The concept of sustainability is introduced and becomes a central theme is discussing the mitigation of various hazards. Some of the regulations promulgated by authorities will be considered including USEPA and SDS (Safety Data Sheets) documentation to learn about the dangers presented by various materials we use in everyday life. Some of the basic course concepts as well as the fundamental skills of critical thinking and problem solving will be taught using active learning exercises. Participation by all students with an opportunity to research topics of special interest to them.
SUNY GEN ED-n/a; NCC GEN ED-ASC, NSCI
Offered: Fall, Winterim, Spring, Summer

SUNY GEN ED-NSC; NCC GEN ED-BSS
Offered: Fall, Winterim, Spring, Summer

SOC 201 Introduction to Sociology
Major theories, methodology and research findings of Sociology. The nature, organization and development of modern society. Sociological examination of varied forms of organization including small groups, families, bureaucracies, formal organizations, social classes and ethnic groups. Analysis of social process and social change.
SUNY GEN ED-GBS; NCC GEN ED-BSS
Offered: Fall, Winterim, Spring, Summer

SOC 209 Race Class Ethnicity
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 in the United States, and its effects on American society, in light of current research and theory.
SUNY GEN ED-GBS; NCC GEN ED-PLDI, SBS
Offered: Fall, Summer

SOC 210 Criminology
Prerequisites: SOC 201 or ANT 203.
The nature, significance and causes of crime: statistics of crime and delinquency; historical development of criminological theory; major explanations of crime, criminal laws and courts; police and prisons.
SUNY GEN ED-GBS; NCC GEN ED-BSS
Offered: Fall, Spring, Summer

SUNY GEN ED-GBS; NCC GEN ED-BSS
Offered: Fall, Summer

SOC 212 Social Problems
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-GBS; NCC GEN ED-BSS
Offered: Fall, Summer

SUNY GEN ED-GBS; NCC GEN ED-BSS
Offered: Fall, Summer

SPA 101 Beginning Spanish 1
Prerequisites: Satisfaction completion of ENG 001 and RDG 002.
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 component required.
SUNY GEN ED-FO, NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

SPA 102 Beginning Spanish 2
Prerequisites: Satisfaction completion of ENG 001 and RDG 002.
Fundamentals of grammar, pronunciation, culture and conversation. Testing, writing, listening comprehension, and simple conversational patterns. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-FO, NCC GEN ED-HUM, WESH
Offered: Fall, Summer

SPA 201 Intermediate Spanish 1
Prerequisites: Satisfaction completion of ENG 001 and RDG 002.
SPAA 102 or equivalent.
This is the first course in the SPA 201-SPA 202 sequence. Development of listening, speaking, reading and writing skills. Conversation and writing practice stimulated through a wide variety of authentic materials. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-FO, NCC GEN ED-HUM, WESH
Offered: Fall, Summer

SUNY GEN ED-FO; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

SUNY GEN ED-FO, NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer
SPA 202 Intermediate Spanish 2
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 201 or equivalent.
This is the second course in the SPA 201-SPA 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 component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

SPS 102 Career Develop and Exploration
The course examines individual behavior in the social contexts of personal, family, work, and group backgrounds. Using extensive career development and psychological theories from a wide range of research, the course assists the individual to determine successful methods of self-assessment and exploration, resulting in the achievement of a broad perspective of the world of work. Social factors such as job market volatility, industry trends and environmental and technological needs are reviewed for successful career exploration and decision making.
SUNY GEN ED-GSBS; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

SPS 111 Underst Subs Use/Abuse, Addict
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-GSBS; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

SPS 201 Perspect-People w/Disabilities
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-GSBS; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

THR 103 Acting I
Prerequisites: Satisfactory completion of remedial reading. 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
Offered: Fall, Spring, Summer

WST 101 Intro Women’s Studies
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
Offered: Fall, Spring, Summer