ACCOUNTING AND BUSINESS ADMINISTRATION

ACC 101 Accounting I
Prerequisites: A student with two or more remedial requirements cannot take this course.
This course is an introduction to financial statements, analysis of the statements, and accounting concepts and theories for service and merchandising enterprises. Other topics include cash, receivables, inventories, and current liabilities. 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 relating 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

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-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

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-n/a; NCC GEN ED-n/a
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 all members of society. Students examine the operation and activities of large and small enterprises and the interrelationship of the various specialized fields of business. SUNY GEN ED-n/a; NCC GEN ED-n/a
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 as well as those who have already established them. Emphasis is placed on development of a managerial philosophy for entrepreneurs, managers, and potential managers. Course work includes occupational techniques, legal and environmental relationships, and analysis of the risks and rewards of managing or owning small enterprises. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

BUS 112 Principles of Management
An examination of the characteristics of modern business organizations; how individuals and groups within these organizations conduct themselves as they strive for personal and enterprise goals. Topics covered include planning, organizing, directing and controlling functions of managers; human relations and motivation; financial and non-economic considerations which provide the basis of decision making. Students are involved in experiencing a combination of textbook theory and current business practices through problem solving techniques. SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

AFRICANA STUDIES

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. Emphasis centers on the burdens of racism, sexism, single-parent motherhood, welfare, Black female and male relationships, sterilization, the Black family and the issues of Black Women’s liberation, women’s lib and the ERA amendment.
SUNY GEN ED-GAMH, GSBS; NCC GEN ED-SBS, WESH, PLDI
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

ALLIED HEALTH SCIENCES

AHS 100 CPR & Basic Cardiac Life Supprt
(Dual listed with PED 640)
This course is designed to teach Cardiopulmonary Resuscitation (CPR) and Basic Life Support to individuals entering the various service professions (police, fire), health professionals and professionals who are activity-oriented (recreation, lifeguard), etc. Basic procedures are covered in full. Successful completion of the course meets all requirements for the American Red Cross and Heart Association “course completion card.” It cannot be used to fulfill Physical Education requirement for graduation.
SUNY GEN ED-n/a; NCC GEN ED-n/a
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
ART

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. (3 lecture, 3 laboratory hours) Laboratory fee applies.
SUNY GEN ED-GHUM; NCC GEN ED-FAPA, HUM, WESH
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-GART; 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 and an understanding of the processes related to the firing of clay into ceramic. Average cost of supplies: $125. Laboratory fee applies.
SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM
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 preparation. A DSLR (digital) camera capable of manual operation to be provided by the student. Average cost of supplies: $225 (does not include DSLR camera). Laboratory fee applies. Students who have completed ART 125 will not receive credit for ART 159.
SUNY GEN ED-GART; NCC GEN ED-FAPA, HUM
Offered: Fall, Spring, Summer

ART 201 Survey of Art History I
Prerequisites: Completion of remedial courses in English and Reading. The development of architecture, painting and sculpture from their origins in Prehistory through the cultures of Ancient Egypt, the Middle East, Greece, Rome, and in Western Europe, from the time of Constantine to the end of the Middle Ages. SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

ART 202 Survey of Art History II
Prerequisites: Completion of remedial courses in English and Reading. The development of painting, sculpture, and architecture from the Renaissance to the twentieth century. This course explores the history of Western art from both contextual and formal art historical perspectives. SUNY GEN ED-GHUM, GART; NCC GEN ED-HUM, WESH
Offered: Fall, Spring, Summer

BIOLOGY

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 is examined in the laboratory as well as through field trip experiences. (3 lecture, 3 laboratory hours) Laboratory fee applies.
SUNY GEN ED-GLAB; NCC GEN ED-LSCI
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 human impact and value systems upon ecosystems is considered throughout the course. Field work is undertaken when applicable. (3 lecture, 3 laboratory hours) Laboratory fee applies.
SUNY GEN ED-GLAB; NCC GEN ED-LSCI
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 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 including frog, fetal pig, and perch. Field trip identification of local fauna is included as one of the course objectives. Course fulfills one semester of a laboratory science requirement 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 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 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-LSLC
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 each of the stages of life and their effect on nutrient requirements. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**BIO 116 Human Genetics**
(Formerly BIO 105 / BIO 106) Human Genetics examines the basic concepts of DNA and normal and abnormal gene function in human development and life. A point of emphasis is the relationship between genetic material and environmental impacts, including radiation, chemicals and viral infection. Genetic engineering, birth defects, DNA fingerprinting, gene therapy, cancer and the human problems associated with these subjects are discussed. Laboratory exercises involve work with living organisms. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**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 the physical specializations adapting wildlife to their habitats is emphasized. Working with locally found living vertebrate and invertebrate species students will produce photo-essay investigations of assigned wildlife topics. Students must have a camera and are responsible for their data collection. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**BIO 201 Anatomy**
Prerequisites: BIO 101 and BIO 102 or BIO 109 and BIO 110 with a grade of C or better in each course, or permission of the Department.

This course is an exploration of the intricate structure of the human body. The student studies the various tissues, organs, and systems which function together to maintain life. The laboratory includes dissection of a representative mammal - the cat. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Summer

**BIO 202 Physiology**
Prerequisites: BIO 201 with a grade of C or better, or permission of the Department.

A study of the normal functions of the human organism. The student surveys the various systems of the body, their activities and interrelationships. Much of the laboratory work involves measurement of human body functions. Combined with BIO 201, this course is an excellent introduction to anatomy and physiology. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEB ED-GLAB, NCC GEN ED-LSLC
Offered: Spring, Summer

**BIO 214 Microbiology**
Prerequisites: BIO 101 - BIO 102 or BIO 109 - BIO 110 or permission of the Department.

This course examines the morphology, physiology, structure, genetics, and metabolism of microorganisms, including the roles played by microorganisms in medical, environmental, agricultural, and biotechnological sciences. The laboratory deals with the culture and study of microorganisms, the dynamics of microbial growth, and the physiological basis of bacterial identification. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**CHE 107 General Chemistry I**
Prerequisites: Completion of all ENG, RDG and MAT remediation requirements.

This is the first course of the CHE 101 - CHE 102 sequence. The course covers fundamental principles of modern chemistry including problem-solving techniques. Topics include atomic and molecular structure, chemical nomenclature, stoichiometry, chemical bonding, properties of gases, liquids and solids, and solutions. One year of high school chemistry and a working knowledge of elementary mathematics including algebra is strongly suggested. (3 lecture, 3 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**CHE 115 Inorganic Chemistry I**
Prerequisites: CHE 101.

A continuing course in modern chemistry, including work in oxidation-reduction reactions, chemical equilibrium, electrochemical cells, thermodynamics, and chemical kinetics. The laboratory emphasizes descriptive chemistry via qualitative analysis, and classical methods of gravimetric, volumetric, and basic instrumental analysis. (3 lecture, 5 laboratory hours) Laboratory fee applies.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**CHE 200 Intro Organic Chemistry**
Prerequisites: CHE 131 or CHE 151 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 majors 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-n/a; NCC GEN ED-LSLC
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 nomenclature, 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 kit required.

SUNY GEN ED-GLAB, NCC GEN ED-LSLC
Offered: Fall, Spring, Summer

**CHE 202 Organic Chemistry II**
Prerequisites: Minimum of “C” in CHE 201.

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-LSLC
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, biosynthesis, and metabolism. Physiological buffers are also covered. 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-LSLC
Offered: 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 language of the Deaf community in the United States and Canada. Focuses on conversation, fingerspelling, basic rules of grammar and customs, traditions and history of the deaf community. Laboratory component and attendance at Deaf community events required.

SUNY GEN ED-GFOL, GHUM; NCC GEN ED-n/a
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

**Continuation of**
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/or 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 system origins, development, current status, and future prospects. The course is intended for students who would like to explore the field of corrections. The focus is on the current state of corrections, with enough background material to illuminate relevant contemporary events.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

CRJ 111 Probation & Parole I
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.
The course gives particular emphasis to the impact of these systems in the Criminal Justice System.
SUNY GEN ED-n/a; NCC GEN ED-n/a
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 methodology, through the secondary investigative steps of examination, interview, interrogation and apprehension. 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

CRJ 212 Research in Crime & Security
Prerequisites: Completion of RDG 001 and ENG 001.
At least nine credits of Criminal Justice and/or Private Security Administration.
(Dual listed with PSA 241)
This seminar type course offers the student an opportunity to examine specific issues, conflicts or controversies in one or more of the following discipline areas: law enforcement, loss prevention, the courts, and corrections. An interdisciplinary approach is stressed for a broader understanding. Each student is required to complete a research project under the direction of the instructor in the student’s chosen area of examination.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

CRJ 225 Criminal Law
Prerequisites: Completion of RDG 001 and ENG 001.
Introduction to the origin and function of the substantive criminal law of New York State; review and analysis of the elements of major offenses at common law and under modern penal codes, and the available defenses; review and discussion of leading judicial interpretations of penal codes.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, 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 will be 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

ECONOMICS AND FINANCE

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-GBS; NCC 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 their personal finances.
SUNY GEN ED-GBS; NCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer

ECO 112 Intro to Investments
(Dual listed with FIN 112)
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

ECO 207 Principles of Macroeconomics
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 will be analyzed, as well as their impact on fiscal policies and international trade.
SUNY GEN ED-GBS; NCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer
ECO 208 Principles of Microeconomics
Prerequisites: Students must have satisfied all remediation in MAT.
Overview of the economic problem, the traditional value theory, division of labor and its application to international trade. Analysis dealing with the behavior of individual elements in the economy. Organization of business, the various market structures, the theory of consumer behavior, price determination in the product and factor markets. Historic perspective of unions and their impact on the economy will be considered.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer

ECO 213 Money and Banking
Prerequisites: ECO 207 or permission of instructor. (Dual listed with FIN 214)
Basic concepts of money and financial intermediaries. Development of commercial banks and the creation of demand deposits. Yield, risk, and interest rates will be analyzed from a monetary and fiscal perspective. Functions and policies of the Federal Reserve in credit regulation and economic stabilization will be analyzed. Monetary Theory, Keynesian vs. Monetarists, international finance, exchange rates and the balance of payments will be examined.
SUNY GEN ED-n/a; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

ECO 214 Corporation Finance
Prerequisites: ECO 207 or permission of instructor. (Dual listed with FIN 214)
An introductory course describing the role and functioning of business firms in the economy, and the application of economic theory in the solution of managerial decisions. Topics investigated include the management of cash, inventories and receivables; selection of alternative investments; short, intermediate, and long-term sources of financing; the cost of capital, optimum capital structure; corporate dividend policies. Case problems are assigned to develop applications of general principles.
SUNY GEN ED-n/a; NCC GEN ED-SBS
Offered: Fall, Spring, 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-GSBS; NCC GEN ED-SBS
Offered: Fall, Winterim, Spring, Summer

FIN 111 Introduction to Finance
(Dual Listed with ECO 111)
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-GSBS; 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 dividend 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-GSBS; 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. Monetarists, 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 FIN 214)
An introductory course describing the role and functioning of business firms in the economy, and the application of economic theory in the solution of managerial decisions. Topics investigated include the management of cash, inventories and receivables; selection of alternative investments; short, intermediate, and long-term sources of financing; the cost of capital, optimum capital structure; corporate dividend policies. Case problems are assigned to develop applications of general principles.
SUNY GEN ED-n/a; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

ENGINEERING/PHYSICS/ TECHNOLOGY
ELT 214 Digital I
Prerequisites: ELT 112.
An introduction to computer algebra, Karnaugh minimization and the analysis/design of digital networks including arithmetic circuits, counters, registers and memories. In addition, basic hardware items such as multivibrators, Schmitt triggers, and integrated circuits are analyzed.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Spring, Summer

ENS 105 Introduction to CAD
An introduction to computer-aided drafting (CAD) 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-NSCI
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-n/a; NCC GEN ED-n/a
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-n/a; NCC GEN ED-n/a
Offered: Fall, Summer

GSS 126 Forensic Technology
The course introduces the various types of physical evidence commonly encountered at crime scenes (e.g., fingerprints, hairs, fibers, drugs, glass, etc.), and discusses comparison and identification techniques (i.e., optical examination/ comparison and instrumental methods, 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

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
Prerequisites: MAT 122 and PHY 150 or permission of Department.
The second half of a calculus-based physics survey course. 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-NSCI
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 survey course. The topics covered are wave phenomena, electricity, magnetism, light and modern physics. (3 lecture, 3 laboratory hours) Laboratory fee applies.
SUNY GEN ED-GLAB; NCC GEN ED-NSCI
Offered: Fall, Spring, Summer

ENGLISH
ENG 1 Preparatory English
This course provides intense instruction in small classes to enable underprepared students to meet the demands of college-level writing. Specifically, students practice basic writing skills in preparation for the requirements of ENG 101 (See catalog description of ENG 101.) ENG 001 curriculum is designed to teach writing as a process encompassing pre-writing exercises, drafting, revising, and editing, but it is also provides review and instruction in basic grammar, punctuation, sentence boundaries and structural and developmental issues related to basic composition. Freshmen assigned to 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, ESL sections of ENG 001 are offered to students in need of focused language acquisition work in writing.)
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer
ENG 30 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 semester, students are expected to write developed, coherent essays and to substantively revise, proofread, and edit their work. The course is also designed to develop in students the skills that enable them to interpret and analyze texts. 
SUNY GEN ED-n/a; NCC GEN ED-n/a
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 underprepared students with marginal writing skills offers an extra hour for necessary developmental writing instruction and individualized support toward the creation of college-level essays. Exactly as does ENG 101, the 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, including the additional hour to focus on review and instruction in basic grammar, punctuation, sentence boundaries and structural and developmental issues related to basic composition. The course is also designed to develop skills that enable students to interpret and analyze published texts. In addition to readings assigned in class, students are expected to 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-GBCM; NCC GEN ED-COMP
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 drafting, revising, and editing essays. The course is also designed to develop the skills that enable students to interpret and analyze published texts. In addition to readings assigned in class, students respond to texts they locate themselves through research and write at least one documented or research essay. 
SUNY GEN ED-GBCM; NCC GEN ED-COMP
Offered: Fall, Winter, Spring, Summer

ENG 102 Composition II  
Prerequisites: ENG 100 or ENG 101. 
This course is an introduction to writing about literature. The course is designed for students to practice close reading and organizing evidence to support their written interpretation and analysis of literary texts. The course offers students continued practice in drafting, revising, and editing essays. A primary goal for students is to produce clear, well-developed, well-organized, grammatical writing. For at least one essay, students use research materials. 
SUNY GEN ED-GBCM, GHUM; NCC GEN ED-COMP, HUM
Offered: Fall, Winter, Spring, Summer

ENG 105 Grammar: Structure & Strategy  
Prerequisites: ENG 100 or ENG 101 or ENG 108. 
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 textual models, but also in the context and practice of their own writing and editing. 
SUNY GEN ED-GBCM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

ENG 203 Early Amer Lit to 1865  
Prerequisites: ENG 102 or ENG 109. 
This course studies American literature through 1865. It examines the creation and emergence of American culture by engaging indigenous texts and colonial literatures (some in transatlantic Eras) writers, and early National writers, including some texts by former slaves. Some representative authors are: Bradford, Winthrop, Wheatley, Franklin, Irving, Poe, Douglass, Emerson, Fuller, Hawthorne. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-WESH, HUM
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 significant American writers since the Civil War. Attention is paid to important literary texts and authors, significant historical and political events, and artistic innovations and movements. Students studied include authors such as: Dickinson, Whitman, Twain, Wharton, Washington, DuBois, Eliot, Hemingway, Faulkner, Ellison, Baldwin, Plath, Rich, Alexie, and others. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-WESH, HUM
Offered: Fall, Spring, Summer

ENG 205 Early British Lit to 1800  
Prerequisites: ENG 102 or ENG 109. 
Students are introduced to major English writers in Britain from the Anglo-Saxon period to the 18th century. Themes, ideas, and literary form of literary works are examined with an emphasis on the aesthetics and understanding of the historical background. Literature is examined as both a product of its time and as influential force in society. Representative writers include: Chaucer, Shakespeare, Milton, Defoe, Swift, and Pope. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, WESH
Offered: Fall, Spring, Summer

ENG 206 Mod British Lit 1800 to 1950  
Prerequisites: ENG 102 or ENG 109, ENG 205 is not a prerequisite for this course. 
Students are introduced to major British writers from the late 18th century to the mid Twentieth century, roughly 1750. Writers such as Wordsworth, Arnold, Dickens, Woolf, Eliot, Yeats, and Du Maurier are studied. Each work is read both for understanding of its aesthetic form and for its relationship to the events and ideas of its historical time. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; 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, 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

ENG 215 Journalism  
Prerequisites: ENG 100 or ENG 101 or ENG 109. 
The course examines the principles and practices of journalism and the mediaâ€™s role in a democratic society. The course introduces students to basic reporting and newswriting skills, including interviewing, researching, and fact-checking. Students produce texts representing multiple genres of journalism, including hard news, features, profiles, critical reviews, cultural commentary, blogs, and op-ed articles. Students are introduced to the changes in journalism that have occurred due to the internet revolution. 
SUNY GEN ED-GBCM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

ENG 231 Mystery & Detective  
Prerequisites: ENG 102 or ENG 109. 
The course offers a historical survey of mystery and detective fiction as well as of the various subcategories of the genre (e.g. the classic mystery, the noir mystery and contemporary realistic fiction). Short story, novel length and a cinematic representative of the genre may be included. Representative authors include: Poe, Doyle, Christie, Chandler, Graffon, Mosley, and Hillerman. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 251 Film & Literature  
Prerequisites: ENG 102 or ENG 109. 
This course examines narrative conventions used in both literature and film, and compares the two. Students study concepts including characterization, narrative, genre, form, symbolism and convention in both media. Content, themes, and film production are studied in historical context. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT
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 historical, cultural, artistic and contemporary trends and ideas is emphasized. Writers to be studied include, but are not limited to Whitman, Dickinson, Frost, Eliot, Hughes, Bishop, Lowell, Rich, Plath, Cummings, Ashbery, Harper and Clifton. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 302 Shakespeare Tragedies  
Prerequisites: ENG 102 or ENG 109. 
This survey teaches how to read Shakespeareâ€™s tragedies. Students explore Shakespeareâ€™s use of dramatic conventions such as the tragic hero, imagery, theme, and poetic/linguistic techniques in plays such as Macbeth, King Lear, Romeo and Juliet, Othello, The Tempest, and Hamlet. Attention will be paid to influences of the Elizabethan Era on Shakespeareâ€™s work and Shakespeareâ€™s influence on Elizabethan drama. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer

ENG 314 Studies in Children Literature  
Prerequisites: ENG 102 or ENG 109. 
This course examines children's literature as it responds to influences of the Elizabethan Era on Shakespeareâ€™s work and Shakespeareâ€™s influence on Elizabethan drama. Writing is an integral component of the course. 
SUNY GEN ED-GHUM; 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 within the basic imaginative genres: fiction, creative non-fiction, poetry, and script writing. Students will read and analyze literary models and then focus on their own writing, partaking in peer revision. Students are expected to complete one of the following: attend a literary reading; submit to or work on the student literary magazine run as well as what is unique to each art. Writings in an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT, WESH
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 influences of the Elizabethan Era on Shakespeareâ€™s work and Shakespeareâ€™s influence on Elizabethan drama. Writings in an integral component of the course. 
SUNY GEN ED-GHUM; NCC GEN ED-HUM, LIT
Offered: Fall, Spring, Summer
HEALTH/PHYSICAL EDUCATION/RECREATION

HED 200 Healthful Living
Students receiving credit for PED 200 will not receive credit for HED 200
This comprehensive survey course explores healthy behaviors, emphasizing wellness and stress management. This course is intended for students of Arabic speaking background. Laboratory fee applies.
SUNY GEN ED-GFOL; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

HED 201 Personal & Family Health
Students receiving credit for PED 201 will not receive credit for HED 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.
SUNY GEN ED-GFOL; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

PED 322 Tennis I
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 524 Tennis II Coed
Prerequisites: PED 502 or PED 322 or PED 422
Lab fee applies.
SUNY GEN Ed-n/a; NCC GEN Ed-PED
Offered: Fall, Winterim, 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 611 Fundamental Dance (C)
Offered: Fall, Spring, Summer

FOREIGN LANGUAGES

ARA 101 Beginning Arabic I
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 Arabic speaking background. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

SPA 201 Intermediate Spanish 1
Prerequisites: Satisfactory completion of ENG 001 and RDG 002. SPA 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 cultural materials. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; 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

HED 251 Human Sexuality
Students receiving credit for PED 251 will not receive credit for HED 251. Taught in cross-cultural context, this interdisciplinary course examines the diversity of family life and human sexuality. Drawing from the social and biological sciences, students explore a variety of attitudes and personal beliefs. Topics include the history of human sexuality, sexual reproduction, gender related sexual health issues, gender roles/identity and sexual orientation. Sexual communication, intimacy, behaviors, coupling, victimization, dysfunctions and therapy are also addressed. Audiovisual material of a sensitive nature may be used.
SUNY GEN Ed-n/a; NCC GEN ED-PLDI
Offered: Fall, Winterim, Spring, Summer

HED 271 Alcohol Addictn 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 intra-psychic addictive syndrome on diverse populations that reflect issues of race, ethnicity, gender and sexual orientation.
SUNY GEN Ed-n/a; NCC GEN ED-PLDI
Offered: Fall, Spring, Summer

HED 320 Aquatics
Students receiving credit for PED 320 will not receive credit for HED 320.
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
Offered: Fall, Spring, Summer

HED 201 Intermediate Spanish 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 Spanish speaking background. Laboratory fee applies. Laboratory component required.
SUNY GEN ED-GFOL; 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

HED 200 Healthful Living
Students receiving credit for PED 200 will not receive credit for HED 200.
This comprehensive survey course explores healthy behaviors, emphasizing wellness and stress management. Taking into consideration one’s entire life style through the “whole person approach,” connections among the mind, body and spirit are examined using information culled from advanced research in the interdisciplinary sciences. Topics include: psychosocial stressors and their relationship to acute/chronic diseases, stress management, coping strategies, death and dying, violence and victimization, and mental health; nutrition, fitness and weight management, sexual relationships, sexually transmitted infections, contraception, pregnancy and childbirth; use/misuse of alcohol, drugs and tobacco and other compulsivities.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

HED 201 Personal & Family Health
Students receiving credit for PED 201 will not receive credit for HED 201.
The focus of this course is on the essential behavior necessary for a healthy lifestyle. Included is the opportunity to evaluate and improve physical as well as emotional well being in light of the most current information available in each topic. The student is presented with strategies that have proven successful in moderating individual behavior. Topics that deal with improving the physical health level include physical fitness, weight control and nutrition, while topics that explore the development of positive mental and emotional health and stress management, intimate personal relationships and human sexuality. 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. 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 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. 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 301 Physical Cond/Weight Trng I
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, 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 524 Tennis II Coed
Prerequisites: PED 502 or PED 322 or PED 422
Lab fee applies.
SUNY GEN Ed-n/a; NCC GEN Ed-PED
Offered: Fall, Winterim, 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 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 hierarchy. 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-PED
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 professionals 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 philosophy, histories, 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 stroke 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

HISTORY, POLITICAL SCIENCE AND GEOGRAPHY

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, demographic and cultural phenomena are stressed.
SUNY GEN ED-GHS; NCC GEN ED-SBS; GLNW
Offered: 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 developments in the birth of the modern world.
SUNY GEN ED-GWEH, GSBS; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, Summer

HIS 102 Hist 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-GWEH, GSBS; 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.
The course covers the broad spectrum of American life through a survey of American social, cultural and political events. Included are such topics as the rise of colonial America; the American Revolution; the early national period of Washington, Adams, Jefferson and Hamilton; the society, culture, politics and world affairs. The course climaxes with the bitter struggle of the Civil War.
SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH
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 remarkable past in the modern era, the course seeks to examine the impact recent events have had on the creation of modern American society, culture, politics and world affairs.
SUNY GEN ED-GSBS, 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; NCC GEN ED-GLNW, SBS, HISP
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 recession, the Korean War, 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 threat,” and contemporary issues in American life conclude the course.
SUNY GEN ED-GAMH, GSBS; 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.
SUNY GEN ED-GAMH, GSBS; NCC GEN ED-SBS, WESH
Offered: Fall, Winterim, Spring, 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 gods(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 165 Religion in World History
Prerequisites: Completion of ENG 001, RDG 001
This course examines the emergence and historical development of religious ideas and practices and their impact on world history from the dawn of recorded time to the beginning of the 21st century. Religions of Asia, South Asia, Africa, the Americas, The Middle East, the Pacific, and Africa are studied. Religions are all examined in their historical contexts, as well as the historical relationships and interactions among the great world religions.
SUNY GEN Ed-n/a, NCC GEN ED-GLNW, PLDI, SBS
Offered: Fall, Spring

HIS 178 History of the Black Woman
Prerequisites: Completion of RDG 001
An historical examination of the image, role and treatment of the Black Woman in America from the Age of Slavery to the advent of the feminist movement and the contemporary scene. Emphasis centers on the burdens of racism, sexism, single-parent Blackhood and Black fright. Social, political and marital relationships, sterilization, the Black family and the issues of Black Women’s liberation, women’s lib and the ERA amendment.
SUNY GEN ED-GSBS, GAMH; NCC GEN ED-SBS, WESH, PLDI
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 been a mirror of the larger history of the nation. The course traces the growth of sports, both amateur & professional with an emphasis on the refining rules & organization, the role of the media & the changes that have taken place within the sporting world.
SUNY GEN Ed-n/a, NCC GEN ED-SBS
Offered: Summer

HIS 203 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 innovations, 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 America
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, 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.

34
SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW, WESH, PLDI
Offered: Fall, Spring, Summer

HIS 228 Modern China
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 probe the origins and development of the Cold War and peace in the 20th century.
SUNY GEN ED-GSBS, GOWC; NCC GEN ED-SBS, GLNW
Offered: 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-GSBS; NCC GEN ED-SBS, 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 each political party.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Summer

HOSPITALITY BUSINESS

HTL 174 Fundamentals Food Production
An introduction to food preparation emphasizing basic culinary skills, practices, and the complete sanitation program in food establishments. Chef Instructor demonstrates proper culinary methods and preparations. Students then perform learned skills. Students are required to produce foods and clean and sanitize the kitchen laboratory. Lifting required. Laboratory fee applies.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

NTR 195 Nutrition Life Cycle
This course explores 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

LEGAL STUDIES

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 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 303 Estates & Administration
Prerequisites: LAW 305
The study of wills, intestacy, and administrative proceedings. The student will study basic aspects of estate planning, will preparation, probate, and administration.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

MARKETING & RETAILING

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-n/a; NCC GEN ED-n/a
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-n/a; NCC GEN ED-n/a
Offered: Summer

FBM 142 Field Training
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

FSD 120 Garment Construction
Students learn the fundamentals of design room sewing techniques utilizing step samples to execute seam and hem finishes, bias and riper 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 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

MKT 100 Introduction to Marketing
Principles and methods employed in all phases of the distribution of goods and services from the producer to the consumer. Emphasis on marketing activities includes product planning, consumer behavior, advertising, and marketing research. An overview of the dynamics of marketing which acquaints the student with the general philosophies of the business world.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Winter, Spring, Summer

MKT 101 Business Mathematics
May not be used for Mathematics requirement. The course encompasses the application of basic, standard and fundamental principles of mathematics to practical business situations. Typical problems and applications are drawn from business situations and practices.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

MKT 105 Sport Marketing
This course will give the student a practical and wide ranging understanding of marketing principles as applied to today’s rapidly growing field of sports marketing. An historical perspective of the industry will provide the necessary framework to gain insight into the present and future sports marketing environment. Topics include how colleges, individual athletes, pro and amateur teams, sports facilities, the Olympics and companies who manufacture sporting goods and related products successfully reach their target markets.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

MKT 112 Small Business Marketing
The success of the small business marketer is challenged by large multinational corporations. This course explores how to meet these challenges and overcome the obstacles presented in the current marketing environment. Particular emphasis is placed on the development of guerrilla marketing techniques that small business enterprises can employ. Topics include: building a powerful marketing plan, using e-commerce, building a competitive advantage, recognizing cultural diversity, integrating marketing and pricing strategies, choosing the right location and layout, and using small business marketing plans for globalization.
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

MKT 138 Public Relations
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
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 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, normal and '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

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 of a single variable; the concept of margin in economics; elasticity of demand; differentials; related rates and optimization problems; growth and decay applications; integrals and integration techniques; application of integrals, including producer’s and consumer’s surplus; income streams, probability. (4.5 lecture hours) Students will not receive credit for both MAT 112 and MAT 122.

**MAT 114 Foundation 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 elementary school level. Topics will include a development of binary algorithms, the real numbers, field properties of the real number system as applied to abstract mathematical systems, numerations systems, functions and equivalence relations, solving systems of algebraic equations and number theory including some algebraic proof. Applications, historical perspectives, problem solving, and use of the technology will be emphasized in all topics. Students will not receive credit for both MAT 100 and MAT 114. (3.0 lecture hours)

SUNY GEN ED-MAT; NCC GEN ED-MATH

Offered: Fall, Winter, 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 analysis, Gauss-Jordan elimination, input-output analysis, linear programming and the simplex method, game and decision theory will be addressed.

SUNY GEN ED-MAT; NCC GEN ED-MATH

Offered: Fall, Winter, Spring, Summer

**MAT 122 Calculus I**

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; rates of change, tangent to a curve, chain rule; derivatives of elementary functions, products, quotients; higher order, implicit and inverse differentiation; mean value theorem; maxima and minima; differentials; definition of the definite integral, Fundamental Theorem of Integral Calculus; applications; integration of elementary functions. (4.5 lecture hours) Students will not receive credit for both MAT 112 and MAT 122.

SUNY GEN ED-MAT; NCC GEN ED-MATH

Offered: Fall, Winter, 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-MAT; NCC GEN ED-MATH

Offered: Fall, Winter, 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 un constrained optimization, vector fields, parametric curves and surfaces. Integration topics include multiple integrals, volume, area, mass, line and surface integrals, flux, divergence. (4.5 lecture hours)

SUNY GEN ED-n/a; NCC GEN ED-MATH

Offered: Fall, Winter, 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 Linear 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-n/a; 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, ENG001 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 series solution, and boundary value problems; linear systems of equations; applications to physical, engineering and life sciences.

SUNY GEN ED-n/a; NCC GEN ED-MATH

Offered: Fall, Winter, Spring, Summer

**MORTUARY SCIENCE**

**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-n/a; NCC GEN ED-n/a

Offered: Fall, Summer

**MSC 248 Embalming Lab II**

Prerequisites: MSC 236.

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-n/a; NCC GEN ED-n/a

Offered: Spring, Summer

**MULTIDISCIPLINARY STUDIES**

**EDU 101 Appl Beh Analysis: Field Exp I**

Prerequisites: Permission of Chairperson.

A systematic examination of facilities for the education of special education children. Emphasis is placed upon teaching at the elementary school level. Topics will include the student’s understanding of applied behavior analysis, atypical vs. typical development, the analysis of human behavior and techniques for behavioral change, and developmentally appropriate curriculum. Field experience is designed to provide the student with opportunities for observation and participation in public and private schools for a minimum of three hours a week. (3 lecture, 3 laboratory hours). Students who have taken SEV 101 will not receive credit for EDU 101.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Offered: Fall, Spring, Summer

**HMS 200 Community Service Skills**

Prerequisites: HMS 117

Co-requisites: HMS 117

This course surveys the fundamentals of support services. It includes concepts and skills in counseling; interviewing techniques; implementing case management; working with families and groups; planning and record keeping. Students who have taken CSW 200 will not receive credit for HMS 200.

SUNY GEN ED-n/a; NCC GEN ED-n/a

Offered: Fall, Spring

**HRS 101 Human Rights Studies**

Prerequisites: Completion of remedial courses in MAT, ENG and RDG.

Introduction to Human Rights Studies uses interdisciplinary approaches incorporating sources from United Nations reports, human rights documents, legal documents, literature, film, art and media to encourage critical thinking in the study of international human rights. This course investigates what human rights are, how they are monitored and defended by governments, international agencies and NGOs and what happens when human rights are violated. (Important case studies will be examined).

SUNY GEN ED-n/a; NCC GEN ED/GLNW, PLDI

Offered: Fall, Spring, Summer

**LAS 110 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

**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

**MUSIC**

**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 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-n/a; NCC GEN ED-PLDI, WESH

Offered: Fall, Spring, Summer

**MUS 102 Beginning Piano**

A course designed for beginners only. Classes have a maximum of 15 students. Obtaining an acoustic instrument is desirable but not essential, since the Music Department is supplied for students to use. Areas covered include piano technique, developing concepts of melody, harmony and
rhythm particularly in providing accompaniments for folk singing. (Students may be required to trim fingernails.) SONY 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. SONY GEN ED-GHUM, GART; NCC GEN ED-PLDI, HUM, WESI	Offered: Fall, Winter, Spring, Summer

PHI 101 Intro to Philosophy
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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 an investigation of some of the great philosophers to present-day issues is stressed. SONY GEN ED-GHUM, NCC GEN ED-HUM, WESI	Offered: Fall, Spring, Summer

PHI 103 Critical Thinking
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. 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 inference. SONY GEN ED-GHUM, NCC GEN ED-HUM	Offered: Fall, Spring, Summer

PHI 110 Bio-Medical Ethics
Prerequisites: Students must have satisfied all ENG and RDG remediation requirements prior to starting the course. An inquiry into the ethical problems raised by recent biomedical research, advances in 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. SONY GEN ED-GHUM, NCC GEN ED-HUM	Offered: Fall, Spring, Summer

PHYSICAL SCIENCES

SCI 101 Physical Science
This is an introductory course designed to involve the non-science major 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 fundamental units of measurement. Fundamental properties of matter such as mass, volume, length, and temperature will be studied. Physical, chemical, and magnetic properties of different substances will be investigated. SONY GEN ED-GLAB, NCC GEN ED-LSCI	Offered: Fall, Spring, 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 its surface features and processes and then can appreciate how patterns observed have allowed for interpretations of what is going on within the interior. Such aspects include but are not limited to earthquakes, volcanoism, origin and deformation of mountain belts and ocean basins, the work of running water, glaciers and wind. In lab, students are provided a hands-on approach to the study of minerals, igneous, sedimentary and metamorphic rocks and will learn how to use a topographic map. A one-day field trip may be offered to illustrate and reinforce the concepts introduced. (3 lecture, 3 laboratory hours) Lab fee applies. Special sections of Physical Geology may be offered which cover most of the topics above but which present the population of geology, allowing the students to work with professional instructors to identify a large suite of both natural and synthetic minerals. SONY GEN ED-GLAB; NCC GEN ED-LSCI	Offered: Fall, Spring, Summer

SCI 105 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 must have access to a telescope (3 lecture, 3 laboratory hours) Lab fee applies. Note: A special Hybrid section of Solar System Astronomy may be offered each semester. This distance-learning course uses the internet, computers and other electronic media to complete the course assignments. Therefore, students must have access to a computer. Students will occasionally meet with the instructor on campus to perform laboratory experiments and take exams. Lab fee applies. SONY GEN ED-GLAB; NCC GEN ED-LSCI	Offered: Fall, Spring, Summer

SCI 107 Meteorology
To understand the daily and seasonal weather, students will be introduced to basic weather elements such as temperature, pressure, and humidity. Real-time weather maps from the Internet are used in class to enhance the study of particular topics. After a good foundation in the basic principles of meteorology, various atmospheric phenomena will be discussed, including the formation of rainbows, thunderstorms, lightning, tornados 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. SONY GEN ED-GLAB; NCC GEN ED-LSCI	Offered: Fall, Spring, Summer

SCI 109 Environmental Science
Some Saturday field trips may be required of evening students. This course offers an introduction to the basic principles of ecology, population and food production problems. The course also examines the basic principles concerning air and water pollution. Laboratory exercises are designed to measure the local air and water quality. The modes of detection and prevention of environmental pollution will be investigated and discussed. Field trips and laboratory exercises are a required part of the course. Students must provide their own transportation to and from the field trip sites. (3 lecture, 3 laboratory hours) Lab fee applies. SONY GEN ED-GLAB; NCC GEN ED-LSCI	Offered: Fall, Spring, Summer

SCI 110 Environmental Resources
Prerequisites: SCI 109 is recommended but not required. The course involves the investigation of current problems in our environment. The areas which will be discussed will be the problems of solid waste and various methods of its disposal; the effects of pollutants from present and future energy sources; noise pollution and the effects of radiation on people and the environment. Field trips and laboratory exercises are a required part of the course. Students must provide their own transportation to and from the field trip sites. (3 lecture, 3 laboratory hours) Lab fee applies. SONY GEN ED-GLAB; NCC GEN ED-LSCI	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 which persons may be exposed to at home, outside and in the work environment, are dangerous. Along with a general understanding of the hazards, the course presents basic concepts and methods used to recognize, evaluate, control and mitigate these hazards. Some of the hazards that will be explored are food safety, herbicides, radiation, outdoor/indoor 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 how one can use MSDS (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 forms of critical thinking and problem solving will be taught using active learning exercises. Additionally the course provides students with an opportunity to research topics of special interest to them. SONY GEN Ed-a; NCC GEN ED-ASC, NSCI	Offered: Fall, Winter, Spring, Summer

PSYCHOLOGY

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 research; and the important contributions from the behaviorist, psychoanalytic, neuroscientific, and cognitive schools of thought. This course includes the study of learning, perception, attention, memory, motivation, intelligence, social influence, psychological disorders, physiological changes and developmental stages. SONY GEN ED-GSBS; NCC GEN ED-SBS	Offered: Fall, Spring, Summer

PSY 204 General Psych II-Res Methods
Prerequisites: PSY 203. This course focuses on research and scientific inquiry in the field of psychology. The course will cover the logic of scientific inquiry, ethical considerations, common research designs used in psychological research, basic measurement concepts, and hypothesis testing. Students will learn to read and interpret psychological research literature, actively participate in demonstrations and original research, and learn how to present their findings in an APA-style paper. SONY GEN ED-GSBS; NCC GEN ED-SBS	Offered: Fall, Spring, Summer

PSY 212 Adolescent Psychology
Prerequisites: PSY 203. This course focuses on 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. SONY GEN ED-GSBS; NCC GEN ED-SBS	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. SONY GEN ED-GSBS; NCC GEN ED-SBS	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-GSBS; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

PSY 216 Lifespan Human Development
Prerequisites: PSY 203.
This course will examine major theories and findings on human development. Development is viewed across the life span from prenatal development through advanced old age. The course integrates theoretical perspectives and serves as a foundation for careers in the behavioral sciences, health, and human services.
SUNY GEN ED-n/a; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

PSY 219 Psychology of Art
Prerequisites: PSY 203.
Issues, theories, and methodology in the psychology of visual art. Theories of creativity and profile of the creative individual and thought process. Motivation to view art, pictorial perception, visual preference, sensitivity to style, and aesthetic judgment. Developmental trends in normal, autistic, gifted children's drawings, chimp art and pathological art.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Spring

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-GSBS; NCC GEN ED-SBS
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. Motives, attitudes and opinion, social norms and roles, individual personality, group structures and processes, leadership and communication.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

READING/BASIC EDUCATION PROGRAM
RDG 1 Reading and Study I
Prerequisites: Satisfactory completion of BEP 090, if required.
A required course for students who demonstrate reading deficiencies on the College Placement Test. Instruction will include recognition of main ideas and details, critical reading skills, and vocabulary improvement. Reading comprehension and study skills are enhanced through the practice of outlining, mapping, underlining, and summary writing. Students’ strengths and weaknesses are diagnosed through standardized testing and ongoing evaluation. Students are required to attend a supervised Reading laboratory weekly for individualized practice work. (3 lecture hours, 1 laboratory hour) 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. Emphasis will be in the areas of inferential and critical reading, textbook study strategies, library research, vocabulary enrichment and the development of reading fluency. Students are required to attend a supervised reading laboratory session weekly for individualized supplemental instruction. Completion of RDG 030 will enable students to take a credited reading class. (3 lecture hours, 1 laboratory hour).
SUNY GEN ED-n/a; NCC GEN ED-n/a
Offered: Fall, Spring, Summer

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 writing, in response to reading.
SUNY GEN ED-GHUM; NCC GEN ED-HUM
Offered: Fall, Spring, Summer

SOCIOLOGY
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 group life, including small groups, families, bureaucracies, formal organizations, social classes and ethnic groups. Analysis of social process and social change.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Fall, Winter, 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 to the United States and its effects on American society, in light of current research and theory.
SUNY GEN ED-GSBS; NCC GEN ED-PLDI, SBS
Offered: Fall, Spring, Summer

SOC 210 Criminology
Prerequisites: SOC 201 or ANT 203.
This course is an introduction to the study of crime: statistics of crime and delinquency; historical development of criminological theory; modern explanations of crime, criminal laws and courts; police and prisons.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Fall, Spring, 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, age, crime and delinquency, drug and alcohol addiction, overpopulation and the ecological crisis.
SUNY GEN ED-GSBS; NCC GEN ED-SBS
Offered: Fall, Spring, Summer

STUDENT PERSONNEL SERVICES
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

THEATRE & DANCE
DAN 126 Intro to Modern Dance
Studio work in basic dance techniques; movement and combinations explored and analyzed with emphasis on elements of space, energy and time. The aim: to develop (1) body awareness; (2) the ability to control and direct one’s own body in organized rhythmic movement; (3) organic dance movement and an individually expressive body. No previous experience necessary. The course substitutes for one credit of physical education activity. Attendance at off-campus dance productions required (3 hours).
SUNY GEN ED-GART; NCC GEN ED-PED, HUM
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