

Accounting

AC 110

Fundamentals of Accounting 3 credits (CS)

The basic principles of accounting are studied. Topics include the accounting equation, balance sheet, income statement, ledger, journal, voucher, and payroll systems. This course is designed for the non-business major who wishes to study accounting for the operation of a small business or partnership. (Offered annually) May not be taken after AC 331.

AC 171

General Ledger Computer Programs 1 credit (CS)

This course introduces the student to the computerized general ledger used in most businesses. In addition to training the students on hardware, the course provides practical experience and application with components to the general ledger such as accounts, journal entries, posting, referencing and formatting. Students will gain hands-on experience.

AC 172

Accounts Receivable Computer Programs 1 credit (CS)

This course introduces the student to computerized accounts receivable module used by most businesses. The course provides practical experience and application to accounts receivable management such as account control, account set up, account use, and account schedule.

AC 173

Payroll 1 credit (CS)

This course introduces the student to computerized systems of payroll. Students will gain actual experience with rate

calculations, payroll distribution, payroll forms, tax tables, and various other governmental-related reporting forms.

AC 331

Principles of Accounting I 3 credits (CS)

The fundamental principles of accounting are presented at an introductory level. Topics include an introduction to accounting, accounting systems, income measurement, the accounting cycle, accounting for retail operations, cash and short-term investments, inventory, payroll methods, and depreciation.

AC 332

Principles of Accounting II 3 credits (CS)

A continuation of the principles of accounting presented at the introductory level. Topics covered include global reporting, partnerships, corporate accounting, long-term liabilities, long-term investments, statement of cash flows, and financial statement analysis.

Required prerequisite: AC 331 Principles of Accounting I passed with a grade of "C" or better.

AC 411

Accounting Theory I 3 credits (CS)

An overview of accounting and its theoretical foundation, assets, liabilities, equity, and special problems in income determination and financial reporting. The student is expected to perform efficiently under Financial Accounting Standards Board guidelines, prepare financial statements, and render opinions leading to managerial decisions.

Required prerequisites: AC 331 Principles of Accounting I and AC 332 Principles of Accounting II; recommended: AC 431 Intermediate Accounting.

AC 412
Accounting Theory II
3 credits (CS)

The fundamentals of double-entry accounting for the sole proprietorship form of business enterprise are taught. The basic accounting cycle is covered, as well as the operation of various journals and ledgers, resulting in the creation of supporting schedules and financial statements required in the normal operation of a modern multicultural business environment. Emphasis is placed on sales, purchases, special journals, income statements, and analysis of merchandising. Accounting functions specifically for a retail enterprise are emphasized.

Required prerequisites: AC 331 Principles of Accounting I, AC 332 Principles of Accounting II, and AC 411 Accounting Theory I.

AC 431
Intermediate Accounting I
3 credits (CS)

An examination of the theories and concepts of accounting and the generally accepted principles as they apply to liabilities and equity. Topics covered include liabilities (current, long-term and contingent); factors affecting contributed capital and retained earnings; and financial reporting according to FASB principles. Emphasis is placed on the official accounting reporting methods as presented in AICPA guidelines.

(Offered on a rotating basis)
Required prerequisite: AC 331 Principles of Accounting I, and AC 332 Principles of Accounting II.

AC 432
Intermediate Accounting II
3 credits (CS)

The concepts presented in this course include equity financing, investments in debt and equity securities, leases, employee compensation, accounting changes and analysis of financial statements. An emphasis is placed on manage-

rial decision-making and portfolio analysis. (Offered on a rotating basis)

Prerequisite: AC 431 Intermediate Accounting I.

AC 435
Tax Accounting
3 credits (CS)

A study of the tax structure of government and businesses, concepts, practices and reporting. Special emphasis is placed on business-related tax procedures. Topics include advantages and disadvantages of the present tax systems. The student becomes familiar with tax terminology and various federal, state, and business tax forms. Problems and methods related to individual taxes are also covered. Current issues with a historical background prepare the student for the total tax perspective. (Offered on a rotating basis)

Required prerequisite: AC 331 Principles of Accounting I and AC 332 Principles of Accounting II.

AC 436
Principles of Cost Accounting
3 credits (CS)

The concepts presented in this course include analysis of the cost of manufacturing and distribution for the purpose of managerial decisions. Cost behavior, job order, standardized cost systems, process cost accounting systems, budgets, and inventory planning are presented at the managerial level as an integral function to planning and control.

(Offered on a rotating basis)
Required prerequisite: AC 331 Principles of Accounting I and AC 332 Principles of Accounting II.

Business

BU 110

Business Organization and Management 3 credits (CS)

Principles of management and the focus and function of an organization are explored. Among topics included are ethics, diversity, TQM, social responsibilities, multinational enterprises, and the functions of planning, organizing, leading, and controlling. *Student must pass the course with a "C" or better.*

BU 112

Business Operations for Farm and Stable Owners 3 credits (CS)

The course is concerned with the design, construction and maintenance of buildings, fences and gates; the selection and maintenance of equipment; and the financial management of stables and farms, including capitalization, credit, depreciation, amortization, budgeting and cash flow. Attention is given to questions of staffing, insurance, advertising, promotion, and basic small business organization and operation. (Offered spring term)

Prerequisite or co-requisite: BU 110.

BU 120

Principles of Marketing 3 credits (CS)

This is an introductory course that undertakes to develop an understanding of the marketing process from the point of view of producers, wholesalers, and retailers. A basic survey, it analyzes the institutions involved and the operations needed to satisfy the needs of ultimate consumers.

BU 145

Principles of Advertising 3 credits (CS)

A survey course that introduces the student to the major aspects of adver-

tising. The course examines the ideas, principles and concepts that may be used to inform consumers about the availability of products and services. Among the topics covered are sales planning and forecasting and the development of promotional programs. Note: Course closed to students who have earned credit for VC 231 Copywriting.

Recommended prerequisite: BU 120

Principles of Marketing.

BU 205

Consumer Awareness 3 credits (CS)

This course examines and evaluates consumer needs, attitudes, and behavior and their effects on the marketing of different products and services.

Individual consumer differences, environmental influences, and marketing strategies are also explored to determine how they affect consumer choice. Combining the disciplines of psychology and marketing, the course covers topics such as decision making; perceptions and information processing; attitudes and attitude-change strategies; and demographics and segmentation that influence consumer behavior. A detailed paper or project of individual interest is required of each student.

BU 212

Small Business Management/Ownership 3 credits (CS)

This course studies the environment in which a small business functions. Topics included are establishing, operating, and managing a small business for profit. Advertising, legal and government controls, taxes, credit, insurance, cash flow, and management techniques are also presented.

Recommended prerequisite: BU 110

Business Organization and Management or Co-requisite: Introduction to Equine Studies.

BU 213
Retail Management
3 credits (CS)

An exploration of the principles of successful store management, the course analyzes the major divisions of the retail store and demonstrates the ways in which they work together for efficiency of operation. Discussion centers on store policies, buying, personnel, and customer and community relations management. Special attention is given to cultural diversity within the industry.

(Offered on a rotating basis)

BU 215
Arts Management
3 credits (CS)

Explores the various management facets of nonprofit and profit-based arts organizations in the United States. Students discover the variety and function of arts organizations through readings, field trips and guest lecturers, class discussion, and research. Topics explored include: goal-setting, fund raising, marketing, audience development, outreach to the community and non-traditional constituencies, book-keeping, employee issues, and the special concerns of nonprofit organizations.

(Offered spring term)

BU 218
Principles of Sport Management
3 credits (CS)

The purpose of this course is to provide the student with an overview of the sports industry as well as an overview of the issues encountered by managers in sports organizations. Ethical and moral issues facing sport managers will also be addressed. The course will explore career opportunities in sport with special emphasis being placed on helping the student understand the qualifications, skills, and career patterns of sport managers.

BU 233
Human Resources Management
3 credits (CS)

The function of personnel management and the integration of human resources are explored. Topics include the organization of work and structure, staffing, training, recruitment, interviewing, testing, organizational and managerial development, performance evaluation, diversity, supervision and management-labor relations.

Prerequisite: BU 110

BU 241
Professional Selling
3 credits (CS)

This course offers an examination of modern selling techniques. Emphasis is on the examination of consumer buying motives and successful methods of satisfying customer wants and needs while building good will and establishing customer satisfaction. Student involvement is stressed through the use of sales presentations, and class discussion. The selling of self is also covered as an aid to guiding students in presentation ability.

BU 263
Business Law
3 credits (CS)

A study of the American legal system with particular attention to those courts and laws that bear most immediately upon business. Topics include: contracts, sales/uniform commercial code, warranties, landlord/tenant, consumer protection, commercial paper, agency, partnership, insurance, sureties, mortgages, corporations, and wills.

BU 269
Current Issues in Sport Management
3 credits (CS)

The purpose of this course is to introduce

the student to current topics and issues in the field of sport and sport management. The course provides the student with an in-depth look at and analysis of many of the current issues facing the sports industry as well as issues encountered by managers of sports organizations. The course will help the student apply sport management techniques to effectively address current issues and problems. The course is designed to be an interactive discussion with the students being responsible for presenting and researching the current material. Critical thinking and problem-solving skills will be fostered during the course. Topics include gender equity, racial issues, National Collegiate Athletic Association rules, franchise relocations, sport agency, and athlete conduct issues.

BU 281
Business Management
Internship
3-6 credits (CS)

Practical experience is available to students in the business and accounting programs. On-the-job experience may be obtained in such areas as marketing, retailing, banking, accounting and government. Students attend a seminar class as a component of the course. Participants must provide their own transportation.
Required prerequisites: The student must present an overall cumulative average of 2.5 with a 2.7 in required business courses, and have sophomore standing or permission of the instructor.

BU 288
Walt Disney World
Internship
6 credits (CS)

Students intern at Walt Disney World in Orlando, Florida. Interviews are held each semester.
Required prerequisites: Students must have a 2.75 grade point average and 12 academic credits. Permission of instructor required.

BU 305
Money and Banking
3 credits (CS)

This course is a study of the role of money in the U.S. financial system, in particular the operations, functions, structure and regulations of the system and functions of central banking. Special emphasis is given to the study of monetary theories, monetary management and the effectiveness of monetary policy.
Required prerequisites: HG 131 Macroeconomics and HG 132 Microeconomics.

BU 311
Production and Operations
Management
3 credits (CS)

This course examines the strategy and control of the processes that transform resources into finished goods and services. Topics include the use of quantitative techniques for analysis and decision-making, the role of productivity and quality, and job design and human resources. (Offered spring term)
Required prerequisites: SM 261 Statistics and IM 120 Introduction to Computers.

BU 325
Sport Event Management
3 credits (CS)

The purpose of the course is to provide the student with information concerning key strategies for managing event logistics, including volunteers, facilities, uniforms, transportation, food and beverage, ticketing and admissions, etc. as well as developing critical planning techniques (meeting planning, setting benchmarks, planning for contingencies) and establishing bases for negotiating contracts, dealing with sponsors, and working with any number of sport events. (Offered spring term)
Recommended Prerequisite: BU 218 Principles of Sport Management (or permission of instructor).

BU 328 **Sport Marketing, Promotion and Sales** **3 credits (CS)**

The purpose of this course is to examine and explore the concepts and principles of marketing, promotion, and sales in relation to sport and physical activity. Students will examine and develop marketing strategies that can be applied to the sport world. Marketing issues specific to sport involving facilities, events, sales, promotion, spectators, consumers, and sponsors will be discussed.

Career opportunities in sport marketing will also be explored. (Offered fall term)
Prerequisite: BU 218 Principles of Sport Management.

BU 329 **Sport Facility Management** **3 credits (CS)**

The purpose of the course will be to investigate the functions of management in terms of operating and financing sport facilities. Students will gain a better understanding of what facility management is all about by examining the planning, financing, construction and operations of public and private arenas, recreational facilities, and stadiums. Facility maintenance, supervision, scheduling, planning, and renovation will be prime topics of discussion and presentation. (Offered fall term)

Recommended prerequisite: BU 218 Principles of Sport Management or permission of instructor.

BU 331 **Organizational Development** **3 credits (CS)**

This course examines the process by which behavioral science knowledge and practices are used to help organizations achieve greater effectiveness, including improved quality of life, increased productivity, improved product and service quality, and executive development.

Required prerequisite: SB 120 Introduction to Psychology.

BU 334 **Diversity Management** **3 credits (CS)**

This course will examine the concepts of diversity that exist in the common workplace today. It will provide a broad overview of what constitutes diversity, provide a detailed look at diversity initiatives and how they can be improved, attempt to define diversity management and present a framework for implementing diversity management and will provide information on United States demographic dimensions such as age, gender, race, language, sexual orientation, and disability status.

Recommended prerequisite: BU 110 Business Organization and Management, BU 212 Small Business Management, or BU 233 Human Resource Management.

BU 338 **Problems in Management and Supervision** **3 credits (CS)**

The case method is utilized to analyze individual and group behavior in the workplace. Planning, recruiting, communications, grievances and conflict resolutions are covered. Various techniques and strategies for problem-solving are explored.

Recommended prerequisites: BU 110 Business Organization and Management, BU 233 Human Resource Management or BU 212 Small Business Management.

BU 346 **Purchasing Management** **3 credits (CS)**

Purchasing Management will reflect the current issues, needs and trends in the field of purchasing management. The course will provide an overview of the role of the Purchasing Officer. Purchasing Officers are responsible for the procurement of goods and materials for use in resale and manufacturing of goods and/or

raw materials. Purchasing Officers are found in most small and large businesses; e.g., manufacturing plants, hospitals, educational institutions, and government offices.

BU 351 **Fortune 500 Companies** **3 credits (CS)**

This course will focus on research in the Fortune 500 companies. Both external and internal environments will be examined. The student is expected to conduct preliminary research through the use of the Internet or traditional methodologies. Students will examine the following aspects of fortune companies: accounting, finance, marketing, advertising, human resources, quality standards and general management policies.

Prerequisites: BU 110 Business Organization and Management, and SM 261 Statistics.

BU 352 **Analyzing Business Videos** **3 credits (CS)**

This course will examine the evolution of business and contemporary business practices through the use of films and videos. Students will analyze and report in teams/groups how these films impact a business environment.

Prerequisites: BU 110 Business Organization and Management, and EN 101 Academic Writing I.

BU 353 **Internet and Other** **Business Media** **3 credits (CS)**

This course will focus on the current events that shape the business environment. Both external and internal environments will be examined through business articles published in newspapers, journals and periodicals including the Wall Street Journal, Business Week, Journal of Personnel and Journal of Industrial Psychology, and on internet Web sites.

Prerequisites: IM 120 Introduction to Computers, and BU 110 Business Organization and Management.

BU 355 **Sport Business and Finance** **3 credits (CS)**

This course examines the management core areas of finance and business as they apply to the sport industry. The course provides the student with an overview of the business of amateur, intercollegiate, and professional sports enterprises. In addition, the course investigates the business-related issues encountered by managers of sports organizations and covers how business and financial principles can be applied to effectively address these issues. In particular, the course will discuss issues involved in financing sport such as the public financing of stadiums, sponsorships, fund raising, revenue sources, and cost containment. The development of effective communication skills will be emphasized through class presentations and written assignments. Leadership and interpersonal communications will be developed through small group projects and meetings. Critical thinking and problem-solving skills will be fostered through the use of the case study method. (Offered fall term)

Prerequisite: BU 218 Principles of Sport Management

BU 360 **Advanced Principles of** **Equine Business** **Management** **3 credits (CS)**

Students will build upon basic principles learned in BU 112 and continue their study of business management. Business ethics, taxes, insurance, budgeting, financial planning and customer relations as they relate specifically to small equine businesses will be discussed. (Offered fall term)

Required prerequisites: BU 112 Business Operations for Farm and Stable Owners.

BU 361
Business Promotions
1 credit (CS)

This course will provide a study of techniques used within a small business for promotion, marketing and sales. Students are required to complete projects, utilizing current technology available through computers and video. (Offered spring term)

BU 366
Sport Management
Practicum
3 credits (CS)

This course will be conducted in conjunction with the Cazenovia College Athletic Department. The purpose of this course is for the Sport Management student to gain valuable first-hand experience and knowledge in the field of sport management while still on campus. By performing important and relevant tasks with the Athletic Department, the student will obtain a clearer understanding of what is involved in sport management and what it takes to become a good sport manager. The course will further benefit the student's learning experience by combining work experience with periodic classroom teaching. The course will provide a supervised opportunity to gain practical experience in various programs that include sports information, operations and event management, marketing and fund raising, promotions, intramurals, and fitness and wellness.

(Offered fall and spring terms)

Prerequisites: BU 218 Principles of Sport Management, enrollment in Sport Management concentration and Junior standing

BU 368
Sport Law
3 credits (CS)

This course provides an introduction to the U.S. legal system with a focus on the areas of tort, contract, constitutional, criminal, employment, labor, anti-trust, and

agency law as they apply to the sport industry. There is an emphasis on identifying and analyzing legal issues, the ramifications of these issues, and the means of limiting the liability of sports organizations. The course exposes the student to many legal issues facing those in sports organizations. (Offered spring term)
Prerequisite: BU 263 Business Law

BU 401
International Business
3 credits (CS)

This course examines the environments in which American companies exist today from a global perspective. Topics discussed are competition, distribution, economics, socio-cultural forces, finance, natural resources, labor and politics, and their influence on the global manager.
Recommended prerequisite: BU 110 Business Organization and Management.

BU 411
Introduction to Financial
Management
3 credits (CS)

The course presents problems and procedures of financial management, including planning and controlling capital needs. Financial planning, analysis and measurements, and the impact of budgets on human factors are addressed. The course utilizes case-method and problem-solving techniques.

Required prerequisites: AC 331 Principles of Accounting I, and AC 332 Principles of Accounting II.

BU 413
Entrepreneurship
3 credits (CS)

This course explores the opportunities to individuals considering entrepreneurship. The course will focus on entrepreneurial ventures in business, product development, and service industries. Focus will be on the steps necessary to compete in competitive markets as an entrepreneur.

BU 431
Leadership
3 credits (CS)

This course examines the special qualities, knowledge, and skills that separate leadership from management. Motivational techniques, ethics, vision and appropriate styles are discussed. Role playing simulation exercises are explored. *Student must pass with a "C" or better.*

BU 442
Comparative and International Marketing
3 credits (CS)

This course covers issues in world trade as applied to consumer products, and international sales and manufacturing practices. Students acquire awareness of the environmental and managerial aspects of U.S. and foreign export and import markets.

Required prerequisites: BU 120 Principles of Marketing and HG 335 International Trade and Economics.

BU 463
Legal & Ethical Environment in Business
3 credits (CS)

This course will provide an ethical framework and its components in modern day organizations. It will allow the student to interpret, apply, and evaluate the legal framework in business environments. Students will analyze dilemmas and apply their decision making skills in a variety of settings.

Prerequisites: BU 263 Business Law and HU 365 Ethics

BU 473
Business Research Methods
3 credits (CS)

Students study various research methods and applications of research to business. Emphasis is placed on demographics and psychographics and on the critical analysis and interpretation of research as a

tool for decision making. *Student must pass with a "C" or better.*
Prerequisite: SM 261 Statistics or IM 120 Introduction to Computer.

BU 475
Marketing Research
3 credits (CS)

Students study various methods and application of marketing research as related to sales, buying and distribution. Emphasis is placed on demographics and psychographics and on the critical analysis and interpretation of marketing research as a tool for decision making in retailing and merchandising. Students prepare a research report for a client.

Required prerequisite: BU 120 Principles of Marketing or EQ 361 Equine Promotions, Marketing, and Sales.

BU 481
Business Management Internship
3 credits (CS)

Experimental learning is a priority of the business management program and all majors must pursue at least one business management internship. On-the-job experience may be obtained in such areas as marketing, banking, sales, accounting, human resource management, stable management, non profit organizations, sport management and many others. Students submit a Learning Agreement, outlining objectives and activities for the internship experience and keep a log of experiences, responsibilities and successes. Students also meet in a weekly seminar with faculty internship coordinators. Final projects and displays for the Annual Internship Expo are negotiated with specific internship instructors. In order to enroll, students must have a minimum grade point average of 2.5 and have completed 90 credits toward their degree.

Recommended prerequisite courses include: BU 360 or BU 366 or permission of the Program Director.
Students must pass with a "C" or better.

BU 488

Sport Management Internship

6 credits (CS)

This internship provides the student with practical experience in the field of sport management. On-the-job experience may be obtained from a variety of local, regional, and national organizations in a variety of fields (interscholastic, inter-collegiate, and professional sports, sport information, sport marketing, and many other opportunities). Students meet with their faculty adviser and are responsible for submitting journals and other assigned work for evaluation. (Arranged)

Required prerequisite: Enrollment in Sport Management concentration and Junior standing. (Offered in blocks of 3, 6, or 9 credits when combined with BU 481).

BU 495

Business Policy & Strategy

3 credits (CS)

This course is a study of policy making from a case approach. It utilizes and integrates knowledge and skills from business and related disciplines in problem analysis and decision making. This is the capstone course for the Business Management specialization in the Bachelor of Professional Studies in Management program. In order to enroll in these courses students must have a minimum grade point average of 2.5, have completed 90 credits, or permission of the program director. *Student must pass with a "C" or better.* (Offered spring term)
Required prerequisites: Senior standing

BU 498

Senior Capstone I

3 credits (CS)

Students in the Equine Business Management curriculum enroll in a year-long educational experience that integrates senior capstone work with postgraduate preparation discussions and activities. BU 498, taken during the fall

term, begins with discussion for skills and knowledge that students are expected to have developed during their previous coursework. This includes knowledge in human resource management, organizational structure and culture, planning and budgeting, marketing, and promotional strategies and techniques. This knowledge is then applied in various scenarios to challenge the students in "real-world" situations. Students work in Project Teams, as well as engage in individual work. The projects and scenarios vary; however, the outcomes necessary for successful completion of the course remain the same. Beyond demonstration of equine and management knowledge, students are expected to demonstrate their knowledge and abilities in other areas such as problem-solving, resolving ethical dilemmas, oral and written communications, and effective teamwork. *Student must pass with a "C" or better.*

Required Prerequisites: CM 301, HU 365/361, SB 120, HG 130 or higher, BU 263, BU 233, BU 120, BU 360, BU 361
BU 360 and BU 361 may be waived as prerequisites and instead be taken as co-requisites if the student is able to demonstrate necessary skill and knowledge as determined by the program director and the course instructor.
Recommended Prerequisite: BU 481, math elective and SM 261.

BU 499

Senior Capstone II

3 credits (CS)

A continuation of BU 498, this seminar course is a continuum of the course described immediately before. Students continue with projects begun during the fall term, delving deeper into analysis and reflection during the spring term. This course also involves the continuation of conversations regarding each student's personal and professional goals following graduation. Time is spent discussing skills in job searching and interviewing. Students are also engaged in a number of projects throughout the semester that can

be used in the student's professional portfolio upon graduation. *Student must pass with a "C" or better.*

Required prerequisites: BU 475/473, BU 498 or 495, IM 325.

Recommended prerequisite: BU 481, math elective and SM 261.

Criminology and Criminal Justice Studies

CJ 151

Introduction to Criminal Justice Functions & Processes

3 credits (CS)

This course will provide an overview of the components of the Criminal Justice System, including the courts, the police, legislative mandates and the alternatives of incarceration, community diversion, probation and parole. This course will examine conflicts within the criminal justice system such as the rights of victims versus the rights of the accused.

CJ 152

Juvenile Delinquency

3 credits (CS)

This course is designed to help students understand the nature of Juvenile Delinquency, its causes and correlates, as well as strategies utilized to control or eliminate its occurrence. Criminology applied to juveniles is a dynamic, ever changing field of inquiry. Students will explore recent developments and trends in the field by researching contemporary issues.

Prerequisite: CJ 151 or permission of the instructor.

CJ 251

Introduction to Corrections

3 credits (CS)

Introduction to corrections exposes

students to issues and practices of a modern corrections system. Students will examine the historical development of the current system as well as the role of corrections in our society. Students will also explore the methods of corrections management and current corrections practices. During the course students will study the issues facing the corrections system today. These issues include: ethics, race relations, gangs, alternatives to incarceration, privatization, behavior modification, punishment, and the future of the corrections system.

Prerequisite: CJ 151 or permission of the instructor.

CJ 252

Investigations

3 credits (CS)

An overview of approaches to detecting and resolving crimes. This course will provide students with a mixture of theoretical and "hands on" instruction in approaches to and techniques used by the criminal investigator. Economic crime types, techniques, trends, and issues in various industries including banking, credit card, insurance, and telecommunications industries will be explored. The course will address why and how investigations are used by federal, state, and local law enforcement agencies. The course will cover such topics as laws relating to financial crimes, evidence, sources of information, tracing funds, investigative techniques, conducting investigative interviews, money laundering and asset forfeitures. With the field of investigations undergoing constant change, the course is designed for students with wide interests in the field of criminal justice.

(Offered alternate years).

Prerequisite: CJ 151 or permission of the instructor.

CJ 253

Criminal Law and Procedure

3 credits (CS)

This course will examine the bodies of

law that provide definitions of crimes and procedures for dealing with them. Specific rules to be followed by the State when dealing with crime and criminals will also be explored.

Prerequisite: CJ 151 or permission of the instructor.

CJ 256 **Probation and Parole** **3 credits (CS)**

This course provides a thoroughly modern approach to community-based corrections. It will introduce the student to traditional correctional programs such as probation and parole. In addition it will present alternatives to the traditional programs including house arrest, electronic monitoring, day treatment, boot camps and drug courts. Student will be exposed to the humanistic aspects of this growing field. Upon completion of the course the student will understand that the development of community corrections is essential for the future of the criminal justice system.

(Offered alternate years)

Prerequisite: CJ 151, CJ 251, or permission of instructor.

CJ 298 **Criminal Justice Internship I** **3 credits (CS)**

The purpose of this course is to provide students with the opportunity to assess their interest and apply their classroom knowledge in a supervised internship experience in an area of criminal justice.

Prerequisites: CJ 151, EN 101 and one of CJ 152, CJ 251, CJ 252, CJ 253, CJ 256.

CJ 351 **Criminal Justice Process** **3 credits (CS)**

This course provides a study of criminal investigation and police practices within the context of the Fourth Amendment to the United States Constitution, by analyzing the legal, social, and historical

foundations of landmark cases. The course will examine the balance between an individual's expectation of privacy and the government's ability to conduct searches and make seizures.

Prerequisite: CJ 151, CJ 253 or permission of the instructor.

CJ 354 **Policing in America** **3 credits (CS)**

This course examines police as part of society's official control apparatus. Major topics include historical development of the police, role of the police in the criminal justice system, functions and effectiveness of the police, police corruption, police ethics, civil liability issues, and the relationship of the police with the communities they serve. This course will also examine the "changing face of policing" and the future of policing in America.

Prerequisite: CJ 151 or permission of the instructor.

CJ 357 **Constitutional Law** **3 credits (CS)**

This course explores the cherished rights of free speech, freedom of the press, and freedom of religion as provided in the First Amendment to the United States Constitution, by analyzing the legal and historical foundations of landmark cases. The course will delve into such topics as internal security, racist speech, anti-abortion demonstrations, and pornography.

Prerequisite: CJ 151 or permission of instructor.

CJ 451 **Criminology** **3 credits (CS)**

This course will review the relationship between deviant behavior and the problems of social control. This course examines the jurisprudence of criminal law in the context of criminological theory,

analyzes the arrangements and justifications for social control, corrections, and rehabilitation. Students will explore the relationship between the rule of law and individual rights. The crimes of Domestic Violence will be examined in detail.

Prerequisite: CJ 151 or permission of the instructor.

CJ 498 **Criminal Justice Internship I** **3 credits (CS)**

The purpose of this course is to provide students with the opportunity to assess their interest and apply their classroom knowledge in a supervised internship experience in an area of criminal justice.

Prerequisites: CJ 298 and one of: CJ 351, CJ 354, CJ 357, CJ 451.

CJ 499 **Senior Capstone** **3 credits (CS)**

The Senior Capstone project provides an opportunity for a student, in close consultation with others, to define and conduct research or a creative project appropriate to the conclusion of his/her undergraduate program of study. Appropriate projects will draw upon previous course work and other experiences at Cazenovia College. It will be a distinct effort that demonstrates student knowledge and expertise as a graduating senior.

Objectives of the course include the continuing development of communication skills (written and oral), critical thinking, problem-solving, social interaction, and computer literacy skills. Students will demonstrate an ability to use knowledge from both liberal arts and professional studies in the creation of the capstone project.

Prerequisite: students must be eligible for graduation at the end of the term in which the seminar is taken.

Communication Studies

CM 110 **Introduction to Human Communication** **3 credits (AS)**

This is an introductory survey course focused on the study of human communication. Students will examine the process of communication to better understand self awareness, interpersonal relationships, group dynamics, and public interaction. This course provides the building blocks for further study in each of these areas. (Offered fall term)

CM 121 **Effective Speaking** **3 credits (AS)**

Students learn the fundamental of effective speaking through the preparation and in-class presentation of numerous short speeches. Consideration is given to general communication patterns, particularly persuasion. All-college graduation requirement. (Offered annually)

CM 210 **Interpersonal Communication** **3 credits (AS)**

Interpersonal communication lies at the heart of all relationships. In this course students will examine interpersonal communication including the presentation of the self, the development and maintenance of relationships, the management of interpersonal conflict, and the impact of individual communication styles and competencies in each of these areas. By studying interpersonal communication the student can better understand themselves and others as individuals and as partners in relationships. (Offered fall term) *Prerequisite: CM 110*

CM 211
Introduction to Broadcasting
3 credits

This course provides an introduction to the world of radio and television broadcasting by combining a foundation of classroom study with hands-on experience at *WITC*, the Cazenovia College radio station. Fundamentals of on-air performance will be covered including consistency of format, interaction with the audience, announcing, editing, and management of the broadcast hour. (Offered fall term)

CM 220
Group Communication
3 credits (AS)

This course examines communication and social interaction in small groups. The student will gain an understanding of group communication and improve their skills as effective group members. Topics covered include: the structure and creation of groups and teams; listening and communication strategies; creative and critical thinking in groups; management of conflict within the group; and problem solving.

(Offered alternate spring terms)

Prerequisite: CM 110

CM 230
Nonverbal Communication
3 credits (AS)

Does what you wear communicate? Does where you stand communicate? Students in this course will examine communication beyond verbal interaction. Topics covered will include: expression, movement, and other types of personal presentation; proxemics and physical environment; touch; immediacy; and clues about deception. The impact of social roles and status will also be addressed throughout the course.

(Offered alternate spring terms)

Prerequisite: CM 110

CM 231
Introduction to Journalism
3 credits (AS)

This course focuses on gathering information, reporting, and writing the news. All students in the course will participate in the writing and production of *The Quad*, the Cazenovia College student newspaper. Related issues covered will include communications law, sexism, ethics, and accuracy. Students will learn to work on deadline, use language correctly, and will gain a sense of news style and format. Writing assignments include news releases, obituaries, campus beats, and feature articles.

(Offered fall and spring terms)

CM 240
Multicultural Communication
3 credits (AS)

Our culture has a substantial impact on our understanding of ourselves, others, and the world. Culture provides our context and differences in cultural backgrounds resonate in the communication process. Students in this course will examine communication in the multicultural society of the United States and in the global community. Through a series of readings and activities the student will focus on: the spread of western popular culture; power, discrimination, and conflict; and ideas about beauty, sexuality, status, and disability. The goal is to improve competence as both communicators and citizens of the world.

(Offered alternate spring terms)

Prerequisite: CM 110

CM 301
Communication Forms and Techniques
3 credits (AS)

The purpose of this course is to improve each student's written and verbal communication ability with a particular focus on effective communication in the profes-

sional world. Topics covered include: oral presentation; the effective use of language; writing and research; group facilitation; interviewing; and navigation of the information highway. Emphasis throughout the course is on practical application and the empowerment of students to express themselves well and with confidence. (Offered fall and spring)
Prerequisite: CM/EN121 Effective Speaking and EN201 Academic Writing II

CM 302 **Communication Concepts and Theory** **3 credits (AS)**

What is the nature of human communication? What are the obvious and not-so-obvious assumptions behind the words we use? The goal of this course is to better understand the communication process and to harness that understanding to improve our participation in relationships and our awareness of both our public and private worlds. Students will review and compare leading theories about verbal and nonverbal communication and will apply those theories to analyze a range of human behaviors, public policies, and social problems. (Offered alternate fall terms)
Prerequisite: EN201 Academic Writing II

CM 310 **Radio and Television Studies** **3 credits (AS)**

This course provides ongoing study and participation in radio and television broadcasting. Students will combine classroom discussion with hands-on experience at WITC, the Cazenovia College radio station. Station management, programming, promotion, and broadcast performance will be examined. Students will also participate in the management and operation of the college radio station. (Offered fall term)

CM 313 **Debate** **3 credits (AS)**

Want to be heard? Want to learn to advocate for the things you care about? This course in communication through debate will allow the participating student to feel more comfortable making their point and making things happen through both the spoken and written word. Topics covered will include: critical thinking, advocacy and reasoning, techniques in argumentation, and defense strategies. The course will conclude with participation in the annual *Great Debate* on the Cazenovia College campus. (Offered spring term)

CM 320 **Communication in the Mass Media** **3 credits (AS)**

We are a media saturated society. The purpose of this course is to gain perspective about the role of the media in our lives. We will explore the development of mass communication and the impact of television, radio, the internet, the news, popular music, and cinema on our perception of reality and our judgment of what is important. We will also consider the depiction of gender and ethnicity in the media, the distortion of fame, media ownership, commercialism, freedom of expression, and the huge role of the media in modern elections. (Offered alternate fall terms)
Prerequisite: EN101 Academic Writing I

CM 331 **Advanced Journalism** **3 credits (AS)**

This course is designed for students who have already taken CM 230, Introduction to Journalism, and who wish to further develop their skills as journalists. Students in this course will serve as advanced writers and editors for *The Quad*, the Cazenovia College student newspaper. Students will build on their skills to identify newsworthy stories, pursue relevant

information, and prepare news stories, features, and editorials. Format, style, policy, and consistency will also be covered. Honors requirements will be provided upon commencement of the course. May be taken two times for credit. (Offered fall and spring terms)

Prerequisite: CM 231 Introduction to Journalism

CM 410 **Advocacy and Public** **Communication** **3 credits (AS)**

This course will examine the importance of public communication for social change, participation, and the expression of power. Topics covered will include: the primary methods of public communication; the fundamentals of policy creation at both the local and national level; the role of individuals and groups in promoting solutions to large problems; and effective advocacy strategies. Specific examples of successful advocacy and practical application of concepts will be emphasized throughout the course.

(Offered alternate fall terms)

Prerequisites: CM 110 Introduction to Human Communication and EN 201 Academic Writing II or permission of the instructor.

CM 420 **Persuasion** **3 credits (AS)**

Persuasion is everywhere. This course will examine key theories and concepts about persuasion in a variety of contexts including personal interaction, politics, advertising, and the media. The student will consider visual images, language, reasoning, and motivation to gain awareness and understanding about the positive and negative force of persuasive communication. (Offered alternate spring terms)

Prerequisites: CM 110 Introduction to Human Communication and EN 201 Academic Writing II or permission of the instructor.

CM 430 **Organizational** **Communication** **3 credits (AS)**

The professional and civic world is a matrix of organizations. By understanding the structure, culture, and communication environment of various organizations the student can be more effective in both their professional and civic lives. This course will examine a range of theories and concepts about management and communication culture in various organizations. The role of leadership, interpersonal relationships, and ethical participation in organizations will be important throughout the course. The course will also introduce students to the use of the communication audit as a research tool.

(Offered alternate fall terms)

Prerequisites: CM 110 Introduction to Human Communication and EN 201 Academic Writing II or permission of the instructor.

CM 440 **Advanced Topics in** **Communication** **3 credits (AS)**

This course will explore key advanced areas in the study of communication and rhetoric. Through a combination of academic work, media analysis, and performance elements each student will deepen their understanding of core communication concepts and their ability to apply those concepts as an effective communicator in difficult realistic situations. A substantial amount of course material will be drawn from current media resources. Topics covered include: Power and Participation; Ethics; and Crisis Communication.

(Offered alternate spring terms)

Prerequisites: CM 110 Introduction to Human Communication; EN 201 Academic Writing II; and CM 301 Communication Forms and Techniques or permission of the instructor.

CM 481

Communication Internship 3 credits (AS)

This course is designed to provide upper level students in the Communication Studies program with the opportunity to further develop and apply their knowledge in the professional world. The student will participate in a structured, supervised internship experience at an appropriate venue related to the communication field. Opportunity for support and reflection will be provided through interaction with course faculty and other participating students.

(Offered fall and spring terms)

Prerequisites: CM 110 Introduction to Human Communication; EN 201 Academic Writing II; and CM 301 Communication Forms and Techniques or permission of the instructor.

Education

ED 090

Identification and Reporting of Child Abuse, Maltreatment, and Neglect 0 credits (CS)

This training workshop provides information about the physical and behavioral indicators of child abuse and neglect, as well as the reporting requirements established in the New York State Social Services Law. This workshop meets the training requirements of Chapter 544 of the Laws of 1988, which mandates such training for specified professionals.

(Offered fall and spring terms)

ED 091

Workshop in Substance Abuse and HIV-AIDS Education 0 credits (CS)

This six-hour workshop is required for all candidates seeking teacher certification in New York State. This workshop will

provide training in understanding the causes and effects of abuses of alcohol, tobacco, and drugs, and in teaching about HIV and AIDS. Students will develop instructional plans on these topics for use with elementary school children.

(Offered spring term)

ED 092

Workshop in School Violence Prevention and Intervention 0 credits (CS)

This two-hour workshop is required of all teacher candidates in New York State. Emphasis will be on warning signs within a developmental and social context that relate to violence and other troubling behaviors in children; statutes, regulations and policies relating to a safe nonviolent school climate; effective classroom management techniques and other academic supports that promote a non-violent school climate and enhance learning; integration of social and problem-solving skill development for students within the regular curriculum; intervention techniques designed to address a school violence situation; and how to participate in an effective school/community referral process for students exhibiting violent behavior.

(Offered spring term)

ED 101

The American School: Foundations and Contemporary Issues 4 credits (CS)

This introductory course examines the historical, philosophical, and social foundations of education as a profession, and the influence of these on current thinking and practice. Students explore the full spectrum of roles and responsibilities of educational professionals, as well as ideological, pedagogical, and ethical issues in working with children.

Field Component—Over the course of the semester, students will be spending a

minimum of 12 hours observing in public school classrooms in two different settings: 4 sessions in a rural/suburban school followed by 4 sessions in an urban school. Students will be assigned to primary and/or intermediate grade classrooms. Students will prepare reports following each visit that contain information specific to the following aspects of the learning environment: 1) a rich description of the school; 2) a discussion of the social aspects of the classroom; 3) a discussion with regard to the curriculum, methods of instruction, and methods used to assess student learning; 4) learning in relation to the New York State Learning Standards; and, 5) general impressions of the experience. (Offered spring term)

Prerequisites: All developmental coursework deemed necessary in Reading and Language Arts.

ED 111 Child Development and Observation 3 credits (CS)

This course takes a longitudinal look at children's physical, psychosocial, and cognitive development during the formative early childhood years from pre-birth to age 12. Students will examine theories and research about childhood development, learning to recognize and understand significant child behavior. Students will observe children in the College Nursery School on a weekly basis, and will learn strategies for accurately recording and summarizing these naturalistic observations. (Offered fall and spring terms)

Prerequisites: All developmental coursework deemed necessary in Reading and Language Arts.

ED 112 Introduction to Early Childhood Education 3 credits (CS)

This course emphasizes planning and implementing developmentally appropriate curriculum and teaching strategies

for successful work with young children. Using the constructivist theories of Piaget and Vygotsky, students will explore such topics as the importance of play in children's learning, classroom organization, guidance and communication, anti-bias curriculum approaches, and the teacher's role as planner and facilitator of learning. Students will design activities for use in an integrated early childhood curriculum within diverse and inclusive settings. (Offered fall and spring terms)

Prerequisite: ED 111 Child Development and Observation. Early Childhood Education majors usually take this course concurrently with ED 111.

ED 121 Perspectives on Exceptionalities 4 credits (CS)

This introductory course examines the historical, social, and legal foundations of special education, including federal legislation related to education, employment, and independent living for individuals with disabilities. Students explore such issues as causes of disabilities, characteristics of learners with disabilities, strategies for assessment, program planning and intervention, instructional and testing accommodations, and working in partnership with families.

Field Component—Students will be assigned in pairs to spend two hours each week, for 10 weeks of the semester, with an exceptional child engaging that child in social and/or recreational activities. The students will keep journals describing their efforts at getting to know the child and his/her family, the activities that they planned and carried out, their questions, and their reflections on the whole experience in the context of the course content. (Offered spring term)

Prerequisites: All developmental coursework deemed necessary in Reading and Language Arts.

ED 181
Teaching Practicum I:
College Nursery School
6 credits (CS)

Every Early Childhood Education student completes at least one teaching practicum in the Cazenovia College Laboratory Nursery School. The student works with a Head Teacher and an Associate Teacher in planning the curriculum, engaging in activities with the children, conducting observations, developing assessment portfolios for children, and discussing issues at weekly staff meetings.

(Offered fall and spring terms)

Prerequisites: ED 111 and ED 112. A medical exam and Child Abuse Central Register clearance are required.

ED 211
Inquiry, Science, and Math
with Young Children
3 credits (CS)

This course addresses young children's active inquiry, problem-solving, and concept formation in the areas of mathematics and science, along with appropriate teaching strategies to guide and support children's curiosity and learning. Students will examine theoretical frameworks for understanding the diverse ways in which young children think about, explore, and construct mathematical and scientific ideas. Students will also develop relevant curricula, materials, and teaching strategies with appropriate adaptations for children in diverse and inclusive settings.

(Offered fall term)

Prerequisite: ED 111 Child Development and Observation.

ED 213
Expressive Arts with Young
Children
3 credits (CS)

This course examines creativity and divergent thinking in young children, and appropriate teaching and assessment strategies to nurture and support these

aspects of children's development. Students will explore theoretical as well as practical frameworks for the expressive arts, including music, movement, art, and creative drama. Students will engage in curriculum planning for creative expression in young children in diverse and inclusive settings. (Offered spring term)

Prerequisite: ED 111 Child Development and Observation.

ED 282
Teaching Practicum II:
College Nursery School
6 credits (CS)

Continuation of ED 181 Teaching Practicum I: College Nursery School. All Early Childhood Education students are required to complete a second teaching practicum. (Offered fall and spring terms)

Prerequisites: ED 181. A medical exam and Child Abuse Central Register clearance are required.

ED 311
Infant-Toddler Development
and Care
4 credits (CS)

This course explores theories and research in infant and toddler development with an emphasis on the works of Piaget, Erikson, and Brazelton.

Developmental assessment and principles of best practice guide students in developing a wide range of activities and experiences to foster the development of children from birth to age three years Field Component—Students will be assigned to spend two hours per week for 10 weeks in an accredited program for infants and/or toddlers. They will keep a journal of their experiences and plan developmentally appropriate activities and caregiving routines for high-quality infant/toddler care. (Offered fall term)

Prerequisite: ED 111

ED 312
Inclusive Primary
Curriculum and Methods
4 credits (CS)

This course will provide future teachers with a blending of theory, teaching strategies and practices, content materials, curricular themes, and related processes for developing comprehensive plans for teaching children in inclusive elementary classrooms in grades 1-3. The New York State Learning Standards, and the content standards developed by the National Council of Teachers of Mathematics, the National Council of Teachers of Science, the National Council for the Social Studies, the International Reading Association, the Council for Exceptional Children, and other appropriate groups will be incorporated into integrated thematic units. These materials will be supplemented with appropriate texts and other resource materials. Students will learn how to accommodate diverse learners, utilize child-centered instructional methods, promote technological and content area literacy, assess student performance, and establish a learning environment that supports inquiry. Field Component: In preparation for Student Teaching, students will be required to participate in an inclusive classroom at the primary level. Students will actively participate in all aspects of the classroom to which they are assigned, and will directly assist the classroom teacher(s) in designing/planning, implementing, and evaluating curriculum. Students will gradually assume responsibility for the tasks involved in teaching and classroom management.

(Offered spring term)

Prerequisites: ED 101, ED 111, ED 121, ED 332.

Co-requisites: ED 341, ED 375, ED 388.

ED 321
Strategies for Teaching
Students with Severe and/or
Multiple Disabilities
4 credits (CS)

This course prepares students with knowledge, understanding, and skills to work effectively with children who have severe and/or multiple disabilities, including autism and emotional disorders. Students will learn the many characteristics of learners with these disabilities in order to develop strategies for curriculum modifications and effective instruction in the elementary content areas. Students will also learn strategies to support literacy development and communication through assistive technology and environmental and programmatic adaptations. Field Component: Students will spend two hours per week over a 12-week period working in an inclusive elementary classroom with one student with severe and/or multiple disabilities.

(Offered fall term)

Prerequisites: ED 101, ED 111, ED 121

ED 332
Literacy, Literature & the
Integrated Curriculum
6 credits (CS)

This course builds on students' knowledge of oral and written literacy development in young children. Students review language acquisition theories, the role of motivation in the learning process, and the importance of providing children with developmentally appropriate opportunities for language learning. Consistent with current research and the intent of the standards set forth by the International Reading Association, students learn that language acquisition is a complex, multi-faceted dynamic that has social, cultural, and economic dimensions as well as considerations that apply to individual children, their development, and the unique impact of their prior instruction. Taking the complexity into account, students learn how to support children's

growth as readers, writers, and users of language in the primary and intermediate classroom; apply theoretical understandings to critique various paradigms used for literacy instruction; learn about the reading and writing processes; apply the New York State Learning Standards to develop literature-based curriculum; determine effective methods of instruction; use formal and informal measures to assess student learning; and support technological literacy and content area literacy.

Field Component: Under the supervision of college faculty and classroom teachers, students will prepare and present several literature-based lessons using both narrative and expository text at the primary and intermediate levels. Another field-based project will involve preparing a miscue report on a reader who has been identified as needing some extra support. For this project, students will collect, analyze, & interpret a variety of assessment data while working with a struggling reader. Students will be required to write a report with recommendations that, if followed, would help the child become a more proficient reader. If it is determined that the report is of high quality and contains solid recommendations for improvement, the report will be shared with the student's classroom teacher, and parent(s) and/or guardian. (Offered fall term)

Prerequisites: ED 111 or Permission of the Instructor and the Director of Education Programs.

ED 341 **Guidance, Discipline, and Classroom Management** **3 credits (CS)**

This course examines the development of children in the elementary grades and frameworks for effective guidance, discipline, and classroom management. Students will examine theories and research about middle childhood development, learning to recognize relevant aspects of growth and behavior. Students will also examine a variety of models of guidance and discipline as well as strate-

gies for creating successful, just, and caring classroom learning communities. It is expected that students will implement strategies learned in this course while they are in their field-based settings. (Offered spring term)

Prerequisites: ED 101, ED 111, ED 121.
Co-requisites: ED 375, ED 312, and ED 388.

ED 351 **Early Childhood Program Administration I** **3 credits (CS)**

This course examines the nature and extent of early childhood program types and the diversity of services available to and needed by children and families. The many roles of the program administrator are addressed from a variety of perspectives (such as organizational leadership, staff development and supervision, parents, advisory and governing boards, interagency collaboration, and relevant governmental agencies). Also addressed in this course is how to develop, plan, and organize an early childhood program based on community needs and characteristics, and best practices in the profession. (Offered fall term)

Prerequisite: Associate in Science degree in Early Childhood Education or Permission of the Director of Education Programs.

ED 361 **Perspectives on Family, School, and Community Relations** **3 credits (CS)**

This course examines the primary social environments of home, school, and community as significant influences in children's lives and learning, as well as the importance of effective collaboration among these environments for children's education. Students will engage in a comprehensive study of the traditional and emerging roles and responsibilities of diverse families, schools, and communi-

ties, along with models for effective family-school-community relations. Additionally, students will have the opportunity to develop knowledge, skills, and strategies that teachers may use to promote vibrant working partnerships, built on a shared commitment to the well-being, development, and education of all children. (Offered fall term)

Prerequisite: ED 111

ED 371

Assessment and Intervention in Early Childhood

3 credits (CS)

This course focuses on uses, strategies, and tools for assessing young children's development and the environments arranged for them. Students will examine and apply a variety of formal and informal assessment techniques designed for use with children from infancy through age 8. Students will also examine how and why assessment is linked to curricular planning and interventions for young children in diverse and inclusive settings. Critical issues and ethical considerations in the uses of assessment with young children will also be explored. (Offered fall term)

Prerequisites: ED 111, ED 112, and ED 311

ED 375

Collaborative Planning and Assessment

4 credits (CS)

Today's schools are filled with diverse children who bring with them differences in learning, language, and ability. To meet the challenge posed by diverse populations and meet the demand for higher student achievement, teachers, parents, staff, and administrators have formed a variety of collaborative, problem-solving teams. Students will learn how these collective efforts can be directed to impact the learning of individual children, enhance the learning environment in the inclusive classroom, promote the well-

being of the school culture, and support the school's mission within the greater community. Students will understand the necessary shift in focus from single teacher-directed classroom practices to more inclusive approaches to teaching and learning. In addition, students will examine the strengths and limitations of different methods of evaluation and learn, when appropriately applied, how these methods can be used to determine a child's knowledge, skills and abilities. Topics such as performance standards, grades, IEP goals, and portfolio assessment will also be addressed.

Field Component: Building upon the knowledge, understandings, and skills learned in prerequisite courses, each student will be assigned to work collaboratively with a multidisciplinary school-based team (e.g., regular education teacher, special education teacher, Chapter I teacher, physical therapist, speech therapist, psychologist). Students will participate as a team member in designing and implementing developmentally appropriate curriculum, instruction, and assessment strategies for students in inclusive classrooms. As a result of the teaming process and independent research, students will be able to prepare and present a multi-dimensional case study on a child who has been identified as having special learning needs.

(Offered spring term)

Prerequisites: ED 101, ED 111, ED 121, ED 332

Co-requisites: ED 341, ED 312, ED 388

ED 388

Student Teaching: Primary Level

6 credits (CS)

Student Teaching at the primary level is designed to provide candidates opportunities to apply their knowledge, understanding, and skills in a way that has a positive impact on student learning. The student teaching component of the program provides the candidate with an increased responsibility for curriculum development and implementation, assess-

ment of student learning, classroom management, collaboration with other professionals, work with parents, and all aspects of the classroom routine. Students will spend a total of seven weeks in an inclusive primary public school classroom engaged in supervised student teaching. Students will spend approximately 40 hours weekly on site, which includes a weekly seminar to support their continued growth in effectively teaching to the New York State Student Learning Standards. (Offered spring term)

Prerequisites: Permission of Program Faculty and the Director of Education Programs, or ED 101, ED 111, ED 121, ED 332

Co-requisites: ED 341, ED 375, ED 312

ED 411

Curriculum and Methods for Pre-Kindergarten and Kindergarten

4 credits

This course will provide future teachers with a blending of theory, teaching strategies and practices, content materials, curricular themes, and related processes for developing comprehensive plans for teaching children in inclusive early childhood classrooms at the pre-kindergarten and kindergarten levels. The New York State Learning Standards, and the content standards developed by the National Council for the Social Studies, the International Reading Association, the Council for Exceptional Children, the National Association for the Education of Young Children, and other appropriate groups will be incorporated into integrated thematic units. These materials will be supplemented with appropriate texts and other resources. Students will learn how to plan and implement developmentally appropriate curriculum, to accommodate diverse learners, utilize child-centered instructional methods, promote technological and content area literacy, assess student performance, and establish a learning environment that supports inquiry.

Field Component: In preparation for student teaching, students will be required to participate in a pre-kindergarten or kindergarten classroom. Students will actively participate in all aspects of the classroom to which they are assigned, and will directly assist the classroom teacher(s) in designing, planning, implementing, and evaluating curriculum. Students will gradually assume responsibility for the tasks involved in teaching and classroom management. (Offered fall term)

Prerequisites: ED 101, ED 111, ED 112, ED 121, ED 181, ED 332

Co-requisites: ED 371, ED 361, ED 484

ED 412

Inclusive Intermediate Curriculum and Methods

4 credits (CS)

This course will provide the future teacher with a blending of teaching strategies and practices, content materials, curricular themes, and related processes for developing comprehensive plans for teaching children in inclusive intermediate classrooms in grades 4 to 6. The Learning Standards, developed by the New York State Department of Education, and the content area standards of the National Council of Teachers of Mathematics, the National Council of Teachers of Science, the Council for Exceptional Children, and other appropriate groups, will be incorporated into integrated thematic units. These materials will be supplemented with appropriate texts and other resource materials.

Students will learn how to accommodate diverse learners, utilize child-centered instructional methods, promote technological and content area literacy, assess student performance, and establish a learning environment that supports inquiry.

Field Component: In preparation for Student Teaching, students will be required to participate in an inclusive classroom at the intermediate level. Students will actively participate in all

aspects of the classroom to which they are assigned, and will directly assist the classroom teacher(s) in designing/planning, implementing, and evaluating curriculum. Students will gradually assume responsibility for the tasks involved in teaching and classroom management. (Offered fall term)

Prerequisites: ED 101, ED 111, ED 121, ED 332, ED 341, ED 375, ED 312, and ED 388

Co-requisites: ED 421, ED 361, and ED 488

ED 421 **Strategies for Teaching Students with Mild to Moderate Disabilities** **3 credits (CS)**

This course provides a review of the nature and manifestations of mild disabilities including learning disabilities, speech impairments, sensory and perceptual disabilities, mild mental retardation, health impairments, emotional problems, and other mild disabilities. Students develop knowledge, understanding, and skills for assessment, curriculum modifications, and effective instruction in the elementary content areas for children with mild to moderate disabilities. Students will also learn strategies to support literacy development and communication through assistive technology and appropriate environmental and programmatic adaptations. Field Component: In preparation for Student Teaching, students will be required to participate in an inclusive classroom at the intermediate level. Students will work directly with children with disabilities, applying assessment and teaching strategies and curriculum modifications. (Offered fall term)

Prerequisites: ED 101, ED 111, ED 121, ED 332, ED 341, ED 375, ED 312, and ED 388

Co-requisites: ED 361, ED 412, and ED 488

ED 452 **Early Childhood Program Administration II** **3 credits (CS)**

This course focuses on aspects and issues external to early childhood programs but which have a major influence on them. The relation of money to quality for children and families and the unique “trilemma” in early childhood programs (e.g. quality, compensation, affordability) will be examined in depth. Legal and regulatory issues, advocacy and public policy, basic early childhood program marketing concepts, computer software, budgeting, fund-raising and grant-writing strategies, and licensing and accreditation procedures will be examined as well.

(Offered spring term)

Prerequisite: ED 351, AC 110, and BU 110

ED 453 **Early Childhood Program Administration III** **6 credits (CS)**

This course focuses on the specific operational aspects of early childhood program administration, including staffing and scheduling, curriculum implementation, record-keeping and confidentiality, health and safety systems, communications systems, building and grounds management and maintenance, security, food service, purchasing systems, and policy development and implementation. Students in this course will also complete a supervised administrative field experience in an early childhood program accredited by the National Academy of Early Childhood Programs of the National Association for the Education of Young Children. (Offered fall term)

Prerequisites: AC 110, BU 110, ED 361, ED 371, and ED 452

ED 484
Student Teaching: Pre-Kindergarten or Kindergarten
6 credits (CS)

Student Teaching in the Early Childhood Teacher Education program is designed to provide candidates opportunities to apply their knowledge, understanding, and skills in a way that has a positive impact on student learning. The student teaching component of the program provides the candidate with an increased responsibility for curriculum development and implementation, assessment of student learning, classroom management, collaboration with other professionals, work with parents, and all aspects of the classroom routine. Students will spend a total of seven weeks in a public school pre-kindergarten or kindergarten classroom engaged in supervised student teaching. Students will spend approximately 40 hours weekly on site, which includes a weekly seminar to support their continued growth in effectively teaching to the New York State Student Learning Standards. (Offered fall term)

Prerequisites: Permission of Program Faculty and the Director of Education Programs, and ED 101, ED 111, ED 112, ED 181, ED 121, ED 332

Co-requisites: ED 371, ED 411, and ED 361

ED 488
Student Teaching: Intermediate Level
6 credits (CS)

Student teaching in the Inclusive Elementary Education program is designed to provide candidates opportunities to apply their knowledge, understanding, and skills in a way that has a positive impact on student learning. The student teaching component of the program provides the candidate with an increased responsibility for curriculum development and implementation, assessment of student learning, classroom

management, collaboration with other professionals, work with parents, and all aspects of the classroom routine. Students will spend a total of seven weeks in an inclusive intermediate public school classroom engaged in supervised student teaching. Students will spend approximately 40 hours weekly on site, which includes a weekly seminar to support their continued growth in effectively teaching to the New York State Student Learning Standards. (Offered fall term)
Prerequisites: Permission of Program Faculty and the Director of Education Programs, and ED 101, ED 111, ED 121, ED 332, ED 341, ED 312, ED 321, ED 375 and ED 388
Co-requisites: ED 412, ED 421, and ED 361

ED 491
Continuing Issues and Perspectives in Early Childhood Education (Capstone)
3 Credits (CS)

This course examines and analyzes current critical issues in the field of child-care and early childhood education. Students will explore the trends, controversies, and challenges facing early childhood professionals in areas such as leadership, public policy, advocacy, ethical practice, legal concerns, corporate influences, and the role of government. Specific topics will vary from year to year. (Offered spring term)

Prerequisites: ED 361, ED 371, and ED 453

ED 495
The Reflective Practitioner (Capstone)
3 credits (CS)

This course will explore a framework of reflective teaching that is rooted in ethics, inquiry, and self-study. Participants will become active students of their own teaching, as they engage in a process of constructing the professional values

linked closely with sound reflective practice. Through the use of case study analysis and personal narratives, students will examine reflective practice as it relates to problem solving, curricular decision-making, nurturing the classroom community, and striving for professional excellence in diverse and inclusive educational settings. (Offered spring term)

Prerequisites: Successful completion of all professional courses in the Early Childhood Teacher Education program or the Inclusive Elementary Education program, including student teaching.

English

EN 099

Foundations of Writing 3 non-degree credits

Students will produce paragraph and short essay pieces while practicing grammar and technical control skills. This course prepares students for EN100 Fundamentals of College Writing.

Placement is based upon an entrance writing test. The grade for this course will not be calculated into the GPA; however, students who fail this course will be dismissed from the College. (Offered Pre-Freshmen Summer College Only)

Required prerequisite: placement exam.

EN 100

Fundamentals of College Writing 3 non-degree credits

Students will write short essays including research and documentation using MLA style. This course prepares students for English 101 by introducing them to the fundamentals of college level academic writing. This course provides three college credits which are factored into the GPA. However, these credits are taken in addition to the total credit requirements of the student's major program. Placement is based upon an entrance writing test. Students are required to complete this

course before matriculation into their second year at the College. Students who fail this course twice will be dismissed from the College. (Offered annually)

EN 101

Academic Writing I 3 credits

A required component of the College General Education Program, Academic Writing I introduces students to the basic expectations of college writing. Students will practice organizing and developing descriptive, informative, exploratory, and argumentative essays, and they will use their own lived experiences and secondary readings/research to inform their writing. A final portfolio review is required as part of student assessment. (Offered annually)

EN 112

Stages 3 credits (AS)

"All the world's a stage," Shakespeare wrote. Throughout history, thinkers seeking to understand the human condition have drawn on the concept of "stages" – in the sense of interrelated but transforming historical eras, as periods of a human life, and as a metaphor drawn from theater to explain how we "act" in our daily lives. This interdisciplinary course focuses on issues relevant to literature, theater, art, and film, and their connections to everyday life. It is designed to help link studies of these different art forms to the ways we use the creative process to make sense of the world.

EN 201

Academic Writing II 3 credits

A required component of the College General Education Program, Academic Writing II emphasizes writing from research. Through their writing, students will be encouraged to link class discussion topics to the larger social arena. Students

will produce different genres of writing that prepare them to write a research-based argument, the major project in the course. A final portfolio review is required as part of student assessment. (Offered annually)

EN 201H **Academic Writing II Honors** **3 credits (AS)**

In this course, reading assignments and writing projects will help students develop a mature style and insights into their own writing and the writing of professional writers. Current composition theory will provide students with a framework that invites them to explore the relationship among the writer, the reader, the world, and the message. The course may be focused on a theme such as language, 19th century capitalism, or immigration; and students will be expected to use a variety of approaches and points of view to explore this issue in their research, readings, classroom discussions, and writing assignments. Students will work collaboratively on some writing projects. In this course, a final proficiency exam is a required part of student assessment. Satisfies the All-College graduation requirement. (Offered spring term)

Required prerequisites: A grade of C or better in Academic Writing I, 3.0 grade point average, successful completion of all courses attempted, and permission of the instructor.

EN 210 **Approaches to Literature:** **Analysis and Interpretation** **3 credits (AS)**

Students read, discuss, and write about fiction, poetry, and drama. Students' principal goals are to become attentive, careful readers and to develop a working knowledge of traditional and contemporary literary concepts. Logical analysis and interpretation along with careful, accurate academic writing are emphasized

throughout. The course fulfills the General Education Cultural Literacy requirement. (Offered spring term)

Prerequisite: Academic Writing I; Academic Writing II is strongly recommended; English majors may enroll concurrently with EN 101.

EN 213 **Creative Writing-Fiction** **3 credits (AS)**

Students read short stories by authors of different time periods and cultures to increase their knowledge of the forms and techniques of fiction. In-class workshops, peer critiquing, and short writing exercises help students develop their individual writing styles. They produce several short stories or a novel excerpt.

(Offered alternate spring terms)

Prerequisite: EN 101 Academic Writing I

EN 214 **Creative Writing-Poetry** **3 credits (AS)**

Students read poetry of different ages and nations in order to learn about the genre, its forms and techniques. They apply their knowledge in the many poems they write to increase their versatility and develop their own style.

(Offered alternate spring terms)

Prerequisite: EN 101 Academic Writing I

EN 216 **Shakespeare and His Rivals** **3 credits (AS)**

In this class students read plays by Shakespeare, as well as selected plays by his contemporaries, imitators, heirs, descendants, and adapters. Plays are studied in their dramatic, literary, and cultural contexts. Particular attention is given to examining the works as performance texts. By examining both the similarities and the differences between Shakespeare and his rivals, students will gain a wider perspective on the playwrights and their periods.

(Offered alternate fall terms)

Prerequisite: EN 101 Academic Writing I or permission of the instructor.

EN 221

Ethnic American Literature 3 credits (AS)

Students read and discuss important works by writers from different ethnic groups, such as African-American, Chicano, Jewish-American, and Native American. Writers are examined as individuals, as members of ethnic groups, and as participants in world culture. The course fulfills the General Education Cultural Diversity requirement.

(Offered alternate spring terms)

Prerequisite: Academic Writing I; Academic Writing II is strongly recommended.

EN 231

Introduction to Journalism 3 credits (AS)

This course focuses on gathering information, reporting, and writing the news. Other related issues covered are communications law, sexism, ethics, and accuracy. Students will learn to use language correctly while adhering to deadlines. Some writing assignments include news releases, obituaries, campus beats, and feature articles. (Offered annually)

EN 241

Children's Literature 3 credits (AS)

Students read from a variety of genres of children's literature and react orally and in writing to that literature. Both literary and illustrative criteria are addressed. A major analytical research paper is a course requirement and a creative project may also be assigned.

(Offered alternate spring terms)

Prerequisite: EN 101 Academic Writing I.

EN 312

Advanced Expository Writing 3 credits (AS)

Students read and write essays, building on and extending skills developed in lower-division courses. Emphasis is on reading analytically, interpreting texts, and drawing on new ideas. Through frequent workshops, the course fosters self-confidence and encourages writers to become proficient editors of their own work.

(Offered fall term)

Prerequisite: EN 201 Academic Writing II

EN 314

British Literature I 3 credits (AS)

Students read selected works by major British authors through the 18th century. Cultural and historical contexts are emphasized. The course requires a research-based paper on a writer of the student's choice.

(Offered alternate fall terms)

Prerequisite: 200-level literature course.

EN 315

British Literature II 3 credits (AS)

Students read selected works by major British authors of the 19th and 20th centuries. Cultural and historical contexts are emphasized. The course requires a research-based paper on a writer of the student's choice.

(Offered alternate spring terms)

Prerequisite: 200-level literature course.

EN 321

Literature of the United States: 1820-1914 3 credits (AS)

Students read selected works by major U.S. writers of the period. Cultural and historical contexts are emphasized. The course requires a research-based paper on a writer of the student's choice.

(Offered alternate fall terms)
Prerequisite: 200-level literature course.

EN 322
Literature of the United States: 1914-Present
3 credits (AS)

Students read selected works by major U.S. writers of the period. Cultural and historical contexts are emphasized. The course requires a research-based paper on a writer of the student's choice.

(Offered alternate fall terms)
Prerequisite: 200-level literature course.

EN 341
Myth and the Modern Mind
3 credits (AS)

Students study cultural and psychological theories about myth and myth-making and apply these theories to selected myths, both historical and contemporary. Sources examined include literature, traditional mythologies, folk and fairy tales, historical writing, popular culture, and advertising.

(Offered alternate spring terms)
Prerequisite: 200-level literature course.

EN 401
Narrative Structure: Prose and Dramatic Literature
3 credits (AS)

This course examines the relationship between form and content in narrative works of prose and dramatic literature. Analysis of the choices made by particular writers to organize the elements of their work helps students understand the workings of narrative literature. The course also examines the differences between narrative structure as written work and as dramatic performance.

Prerequisite: 200- or 300-level literature course.

EN 461
Studies in Literature and Culture: To 1750
3 credits (AS)

Students examine selected literary and non-literary works and locate them within their larger cultural contexts. Through class discussion and critical writing, students further develop their analytical and interpretive skills while polishing their academic prose style. The course requires a number of seminar papers and at least one larger, research-based project.

(Offered alternate fall terms)
Prerequisite: 200- or 300-level literature course.

EN 462
Studies in Literature and Culture: 1750-1900
3 credits (AS)

Students examine a limited selection of primary works in order to understand the intellectual relations between these works and the culture that produced them.

Students also examine the ways in which subsequent cultures have understood the works. The course emphasizes research, and, working with both primary and secondary texts, students will strengthen their analytic and interpretive skills.

Writing for the course involves the interpretation of specific works and includes the compilation of an annotative bibliography. (Offered alternate spring terms)

Prerequisite: 200- or 300-level literature course.

EN 463
Studies in Literature and Culture: 1900-Present
3 credits (AS)

Focusing on the concepts of modernism and postmodernism, students read selected works of the 20th Century with an eye toward what those works reveal about changing artistic visions of the human condition. The course introduces students to the important concepts of

colonialism and post-colonialism and to certain aspects of the “culture wars,” such as the question of canon formation.

Students will read closely, understand and apply a number of theoretical approaches to interpretation—and interrogate the very notion of “interpretation.” The course requires a number of seminar papers and at least one larger, research-based project. (Offered alternate fall terms)

Prerequisite: 200- or 300-level literature course.

EN 471 **Inquiry, Analysis, and Design** **3 credits (AS)**

This course prepares future teachers to become skilled researchers in their professional field. Students develop specialized knowledge and skill in conducting, analyzing, interpreting, and evaluating qualitative and quantitative studies, engaging in action research, and preparing and presenting case studies.

(Offered alternate spring terms)

Prerequisites: EN 101 Academic Writing I and EN 201 Academic Writing II

While no specific computer course is required, students are expected to be computer literate and familiar with the campus computer network.

EN 475 **Theoretical Approaches to Literature and Culture** **3 credits (AS)**

This course devotes itself to the broad range of philosophical theories of meaning, interpretation, and criticism shaping current work in the humanities and the impact of these theories upon both institutional and individual scholarly practices. Students will explore such topics as formalism, semiotics, structuralism, deconstruction, as well as political, psychological, race and gender-based approaches to literature and culture. (Offered spring 2005 term)

Prerequisite: One 300-level Literature course.

Equine Studies

EQ 101 **Western Horsemanship** **2 credits (fulfills equitation requirement)**

Instruction includes schooling in the basic gaits, riding ring etiquette and safety, and development of competency and/or increasing competency in the western seat. Show ring procedures are included. Students are enrolled at their level of skill. A student may repeat this course for credit. There is an additional fee for each course. (Offered annually)

Required prerequisite: students not competent at a minimum skill level of 1 will be required to take private lessons until competency is met. There is an additional fee for private lessons.

EQ 102 **Hunter Seat Equitation** **2 credits (fulfills equitation requirement)**

Instruction includes schooling in the basic gaits, riding ring etiquette and safety, and development of competency and/or increasing competency in the hunter seat. Jumping and show ring procedures are included. Students are enrolled at their level of skill. A student may repeat this course for credit. There is an additional fee for each course. (Offered annually)

Required prerequisite: Students not competent at a minimum skill level of 1 will be required to take private lessons until competency is met. There is an additional fee for private lessons.

EQ 103 **Dressage** **2 credits** **(fulfills equitation requirement)**

Instruction includes schooling in dressage movements and techniques for riding effective dressage movements. Due to the nature of the course, students must

display skills appropriate to a level 3 or higher rider. There is an additional fee for each course. (Offered annually)

Required prerequisite: permission of instructor.

EQ 104

Reining

2 credits (fulfills equitation recruitment)

Instruction includes schooling in reining movements and techniques for riding effective reining patterns. Due to the nature of the course, students must have previously enrolled in at least one western equitation course and be a level 4 rider or higher. Students are enrolled at their level of skill. A student may repeat this course for credit. There is an additional fee for each course. (Offered annually)

Required prerequisite: permission of instructor.

EQ 105

Pleasure Driving

2 credits (fulfills equitation requirement)

Instruction includes all aspects involved with equine pleasure driving, including: learning the parts of the harness, proper harnessing of the animal, safe methods of hitching and unhitching to a horse drawn vehicle, and correct methods of driving a single animal in both indoor and outdoor settings. Long-lining a horse or pony will also be taught. Instruction in both equitation and obstacle driving will be included. Safe methods of working around animals and vehicles will be stressed at all times. Participants need not have prior knowledge of equine driving, but it is necessary to have basic horsemanship knowledge and skills. There is an additional fee for each course.

(Offered Fall term)

Required Prerequisite: permission of instructor.

EQ 110

Introduction to Equine Studies

3 credits (CS)

This course introduces the new equine studies major to the field of Equine Studies. Time in class is spent discussing a wide variety of topics to ensure that students have a solid grasp of the diverse nature of the industry in which they intend to work. A beginning emphasis is placed on the past, present and future of the equine industry and the current career possibilities available in the industry. Other topics emphasized in the course include the evolution of the horse to the animal we work with today; equine behavior; basic equine structure and conformation; types and breeds of horses; and other rotating topics dependent upon current issues in the industry. Students outside the equine major may enroll if space allows but should recognize that some of the course material and assignments are specifically designed for those seeking the BPS in Equine Business Management. (Offered fall term) *Student must pass with a "C" or better.*

EQ 115

Basic Horse Care

2 credit (CS)

This course is designed to ensure that students develop competencies in required hands-on skills evaluated as a part of each student's skills assessment program. Students in the equine program are required to enroll in this course during the first semester of their freshman year. Transfer students are required to enroll during their first semester in the program. In order to successfully complete this course each student must demonstrate competency in skills emphasized throughout the course. Students who fail to demonstrate competency in all of the necessary skills will be required to re-enroll in this course until competency is demonstrated. *Students must earn minimum of "C" grade to pass.*

EQ 121
**Equine Selection,
Improvement, Judging**
3 credits (CS)

This course emphasizes the importance of correct structure in the area of form to function. The course of study includes current standards of equine excellence for the selection and improvement of breeding and show stock. Emphasis is placed on judging procedures for the English and Western horse and rider. (Offered spring term)

Recommended prerequisite:
EQ 110 Introduction to Equine Studies.

EQ 220
Equine Nutrition
4 credits (CS/AS)

Students study the theoretical and practical aspects associated with the science and art of equine nutrition. The topics of digestive anatomy and physiology are reviewed; classes of nutrients and feeds in which they are contained are discussed and the relationship between quality feeds and top performance is explored. Also included: feeding various classes of horses and current topics in equine nutrition. A weekly laboratory session provides time for forage and concentrate identification along with studying techniques of ration analysis. Nutritional disorders are covered along with the relationship between nutrition and proper conditioning. (spring term)

Recommended prerequisite: SM 215
Equine Anatomy and Physiology.

EQ 223
Competitive Horse Judging
1 credit (CS)

Students further develop skills learned in EQ 121 Equine Selection, Improvement, Judging. This is accomplished through horse judging practices, as well as formal competition. Students enrolling during the fall term will compete in the All American Quarter Horse Congress Judging Contest while students enrolling during the spring

term will compete in the Intercollegiate Horse Show Association Judging Contest. Students may enroll more than once for credit. (Offered fall and spring terms)
Recommended prerequisite: EQ 121
Equine Selection, Improvement, Judging.

EQ 230
**Concepts and Methods in
Horse Training**
3 credits (CS)

This course is concerned with the theory and techniques of schooling young or problem horses to ride and drive. Various methods and procedures are covered, and students are given the opportunity to apply them. Emphasis is placed on understanding horses' behavior as it relates to humane care and training. The psychology of the horse is studied. Proper use of equipment is stressed in actual practice. (Offered fall term)

Required prerequisite: EQ 110
Introduction to Equine Studies and at least one riding course.

EQ 241
**Theory and Methods of
Equitation Instruction I**
3 credits (CS)

Students examine the theories behind the various riding techniques. They study methods of effective teaching, including ways of dealing with riders who differ in their abilities, age and comfort level. They learn how to organize and present a lesson. Students observe actual teaching and training sessions with several industry professionals. They discuss objectives and methods with the instructor. When ready, students assume the role of instructor with responsibility (under appropriate supervision) for the instruction of other students. (Offered fall term)

Required prerequisite: at least one riding class.

EQ 242

Theory and Methods of Equitation Instruction II

3 credits (CS)

A continuation of EQ 241 Theory and Methods of Equitation Instruction I. Students complete independent student teaching assignments and continue to learn more advanced teaching and training techniques. Riding Instructor Certification Programs are discussed and the American Riding Instructor's Certification Program (ARICP) is studied in depth. Students are given the opportunity to become certified through the ARICP toward the end of the semester when the testing is offered at Cazenovia College (Offered spring term)

Required prerequisite: EQ 241 Theory and Methods of Equitation Instruction I.

EQ 265

The Horse Show

3 credits (CS)

Students learn the mechanics of planning and managing a horse show. They become familiar with the US Equestrian Federation (USEF) rulebook and the principles of judging. Students will learn the roles of manager, secretary, treasurer, ring steward, announcer, course designer, jump crew and paddock master, all methods of managing a successful horse show will be examined. The class sponsors and organizes a horse show. (Offered spring term)

EQ 270

Equine Photography

3 credits (CS)

This course focuses on basic photographic techniques using the horse as a subject. Emphasis is placed on correct techniques for halter and performance horse photography for use in promotion and sales. A variety of photographic imaging - from conventional to digital - may be covered. The course does not involve darkroom work. Students must be prepared to incur costs of film development and mounting of final project pieces

- approximate cost of \$150 for film development and mounting of final prints.
(Offered fall term)

EQ 285

Equine Studies Internship

1-6 credits (CS)

Students who choose to participate in an equine internship have the opportunity to select their own area of emphasis (e.g. breeding, training, instruction) and to work off-campus under professional guidance to increase their knowledge and experience. They will work with the Equine Internship Coordinator to find appropriate placement. No transportation is provided. Forty internship hours equate to 1 credit hour.

(Offered every semester)

Required prerequisite: sophomore standing in the Business Management Specialization and appropriate level of skill relative to site placement (the Program Director of Equine Business Management has final approval of all internship placements).

EQ 321

Equine Diseases and Injuries I

3 credits (CS/AS)

The student studies the theoretical and practical aspects of disease and applies this information to the study of diseases of the horse. Recognition of normality and degree of deviation from normal are stressed along with preventive medicine. The laboratory sessions emphasize skills such as measuring vital signs, recognizing deviations from normal behavior/attitude/measures of health as well as skills such as administering medications.

(Offered fall term)

Must pass with a "C" or better
Required prerequisite: SM 215 Equine Anatomy and Physiology.

EQ 322
Equine Diseases and Injuries II
3 credits (CS/AS)

A continuation of EQ 321 Equine Disease & Injuries I, this course places its emphasis on lameness encompassing muscle, bone and joint disorders as well as neurological disorders. The discussion of treatment and prevention is emphasized, as well as X-ray analysis. The laboratory portion involves analysis of actual and theoretical cases to ensure the appropriate application of knowledge gained through the lectures/discussions.

(Offered spring term)

Required prerequisite: EQ 321 Equine Diseases and Injuries I.

EQ 323
Equine Reproductive Management
3 credits (CS)

The theoretical aspects of the equine reproductive industry are studied. Topics covered include mare and stallion reproductive anatomy and physiology, prenatal development, foaling, neonatal care, reproductive technologies including semen collection and evaluation, artificial insemination, cooled and frozen semen techniques, record keeping and current breeding management topics. Some practical aspects of genetics and pedigree selection may be included. This course is the basis to the reproductive management certificate and must be taken prior to EQ 324, EQ 327 and EQ 427.

(Offered fall term)

Recommended prerequisite: SM 215 Equine Anatomy and Physiology.

EQ 324
Breeding Lab Management and Design
1 credit (CS)

This course is a practical application course centered on the Breeding lab. Students utilize the Breeding Lab at the

Equine Education Center to gain knowledge of equipment, inventory control, and budgetary aspects of this field in the equine industry. Students are required to complete a breeding lab analysis culminating in a breeding lab inventory project. (Offered spring term alternate years)

Prerequisite: SM 215 Equine Anatomy and Physiology, EQ 323 Equine Reproductive Management.

EQ 325
Farrier Science
3 credits (CS)

Lecture, demonstration, and practicum related to the correction of conformation and motion through corrective trimming and shoeing. The combination of practical and theoretical knowledge allows for increased management skills in lameness and corrective shoeing for poor conformation. (Offered on a rotating basis)

Required prerequisites: EQ 110

Introduction to Equine Studies; SM 215 Equine Anatomy and Physiology.

EQ 327
Breeding and Foaling Management I
1 credit (CS)

This course is a practical application course centered on the breeding of horses and foaling of mares. Students are required to participate in approximately 60+ hours of experiences that may include: teasing mares, training stallions to the phantom, live cover breeding, collection of stallions, semen evaluation, artificial insemination, foal watch, and handling of foals. (Offered spring term)

Prerequisites: SM 215 Equine Anatomy and Physiology, EQ 323 Equine Reproductive Management.

EQ 330
Advanced Concepts and Methods in Horse Training
3 credits (CS)

A continuation of EQ 230 Concepts and Methods in Horse Training, this course further hones the student's skills at developing abilities in the horse. Emphasis is placed on directing and modifying the response of a horse to a given cue. (Offered fall term)

Required prerequisite: EQ 230 Concepts and Methods in Horse Training, and permission of instructor.

EQ 335
Companion Animal Behavior
3 credits (CS)

This course involves the study of animal behavior as it relates to training and management of all animals, but with the largest portion of time spent on horses. The emphasis is placed on herd animal patterns, behavior in natural habitat and the adaptation techniques that the horse applies in artificial conditions. In addition, behavior patterns of other domestic animals such as dogs, cats and birds are discussed. (Offered on a rotating basis.)

EQ 341
Techniques of Show Coaching
3 credits (CS)

The student learns the various aspects of coaching including preparation of horses and riders for participation in intercollegiate horse shows and USEF horse shows, in the Hunter, Jumper and Equitation Disciplines. Students wishing to specialize in other disciplines may likewise be accommodated. Note: Offered on an independent basis; contact the instructor for information on enrolling.

Required prerequisites: EQ 241 Theory and Methods of Equitation I and EQ 242 Theory & Methods of Equitation II and/or permission of the instructor.

EQ 345
Therapeutic Riding Instruction
3 credits (CS)

Working with a local organization for riding for the physically and mentally challenged, students learn various techniques for teaching the challenged rider. This course requires additional outside time spent at an off-campus facility. (Currently offered on an independent basis.)

EQ 426
Equine Medical Management
3 credits (CS)

A practicum course, the students gain valuable hands-on experience in the application and management of treatments and medications. The student is provided with the opportunity to assist a veterinarian; therefore, some field hours in addition to class hours are necessary.

(Offered on a rotating basis)

Required prerequisites: EQ 321 Equine Diseases & Injuries I, and EQ 322 Equine Diseases & Injuries II.

EQ 427
Breeding and Foaling Management II
2-3 credits (CS)

This course is a continuum of the experiences in EQ 327 and is designed to ensure that students receive adequate exposure to all phases of breeding and foaling management. The hours involved with this course will exceed those required for EQ 327. Students in this course are also required to undertake the study of the contractual relationships that arrive from breeding management.

(Offered spring term)

Required prerequisites: EQ 323 Equine Reproductive Management, EQ 324 Breeding Lab Design and Management, EQ 327 Breeding and Foaling Management I.

Fine Arts

FA 111

Art History I

3 credits (AS)

Lectures, discussions, and slide presentations trace major art movements and tendencies in Western painting, sculpture, and architecture from prehistoric times through the Middle Ages. The political, religious, and social contexts of art are also studied.

(Offered fall and spring terms)

FA 112

Art History II

3 credits (AS)

The course covers Western art movements and styles from the Renaissance through the present. Sculpture, architecture, graphics, painting and new art trends and movements are considered as well as the political, religious, and social contexts of art. (Offered fall and spring terms)

FA 118

History of Fashion

3 credits (AS)

Periods of fashion from the ancient Egyptian to the present illustrate how styles reflect the past, and how fashion is affected by the psychological, sociological and aesthetic forces around us. The course also emphasizes how designers have drawn on the past for their current fashion inspirations.

FA 123

Introduction to Film Analysis

3 credits (AS)

Everyone knows “what” movies do. They tell stories, they entertain, and they both convey and critique cultural values. In this course, students move beyond “what” movies do to “how” they do it. Students become more conscious and analytical “readers” of movies. Through the viewing

and writing about a number of interesting motion pictures, students will break the “how” of film into component parts to better understand both the filmmaker’s technique and the place of film in a broader cultural context.

(Offered spring term)

FA 125

History and Contemporary Trends in Photography

3 credits (AS)

From Daguerre’s photographic process introduced in 1839 to Robert Frank’s influential study, *The Americans*, published in 1950, the course explores photographs and photographers through slides and original prints. Along with a historical overview, the course focuses on contemporary issues and trends in photography. (Offered fall term)

FA 131

History of Architecture and Interiors I

3 credits (AS)

The student studies the history of architecture and interior design from antiquity to, and including, the Italian Renaissance. Specific hallmarks of the major periods of design history and culture are emphasized. (Offered fall term)

FA 132

History of Architecture and Interiors II

3 credits (AS)

The student studies the history of architecture and interior design from the French Renaissance to the early 20th century. Specific hallmarks of the major periods of design history and culture are emphasized.

(Offered spring term)

FA 161
Theatre History I
3 credits (AS)

Students study the theater's place in history from the prehistoric through the Jacobean period. Theater is explored from the perspectives of theater architecture, scene design, costume styles, acting methods, production techniques, dramatists and dramatic literature. (Offered alternate fall terms)

FA 162
Theatre History II
3 credits (AS)

Students study the theater's place in history from the English Restoration through contemporary theater. Theater is explored from the perspectives of theater architecture, scene design, costume styles, acting methods, production techniques, dramatists and dramatic literature. (Offered alternate spring terms)

FA 165
Acting Workshop
3 credits (AS)

A course introducing the student to the acting process, tools and skills with practical application through rehearsed scene work. Students will explore role and scene interpretation, as well as communication skills in performance. Class will include lecture and workshop. (Offered fall and spring terms)

FA 210
Art of the World
3 credits (AS)

This course will present a broad survey of painting, sculpture, craft, and architecture from non-Western areas of the world - Africa, India, Southeast Asia, China, Japan, Korea, the Pacific, and the Americas - treating works from prehistory to the present, as appropriate, for each cultural and geographic region. Students will be expected to recognize artists, individual works, content, materials, and stylistic

patterns, and to understand the relationship between these and the cultural contexts in which they are created.

FA 265
Theatre Production
3 credits (AS)

Theatre Production introduces the student to the multi-faceted nature of the theatre experience through the hands-on and collaborative work of mounting a main stage production. Students engage in the processes of selecting/creating scripts for production, casting, designing and publicizing. Topics studied include the interdependency of acting, art and design, advertising, business management, set construction, costume design and construction, communication, lighting, community relations, directing, text study and analysis, contextual study, photography, journalism, copywriting, and other areas that are drawn upon to produce a play. Translating a written text into a three-dimensional, living art under the pressure of a performance deadline allows students to explore group dynamic and the performative nature of each of the topics studied. May be taken two times for credit. (Offered fall and spring terms)

FA 285
Liberal Arts Internship
3 credits (CS)

The Liberal Arts internship is an elective course that gives Liberal Arts students the opportunity to test career options related to their Liberal Arts area of study. The internship includes a set of preliminary class meetings on professional conduct and their connections to liberal arts study. Seminars accompany the internships to allow for exchange of information about students' internship experiences. The College makes final arrangements for the internship placement and provides transportation when possible. This course does not satisfy General Education or distribution requirements in the Fine Arts area. (Arranged)

Required prerequisites: A minimum grade of "C" in EN 101 and CM 121 plus sophomore status and permission of instructor.

FA 301
The Creative Process in the Arts
3 credits (AS)

This course investigates artistic decision-making by involving students in the creative process and examines the communication and problem-solving skills necessary for creating works of art. A combination of independent study and seminar, each student designs, researches and produces artistic work focused on an area of their individual interest within the arts; collectively, the students examine the nature, progress and outcomes of his/her investigations. Students analyze artistic choice by examining works of art, researching and discussing the artist and his/her context, and participating in workshops with visiting teaching artists. (Offered fall and spring terms)

FA 309
Special Topics in the Arts
3 credits (CS)

This is a repeatable course in which the content varies each year. Different faculty from a variety of programs across the college may teach this rotating course and the content will depend on the faculty member's expertise and the needs and interests of the student population. Potential topics include a mix of SA and FA courses: Art and Autobiography, Art and Politics, Museum as Medium, the Landscape Tradition, Photo-based Installation Art, Mural Painting, Glass Casting, Public Art, Artist's Books, Sports Photography, Fashion Photography, Small Metals (Jewelry).
Prerequisites may be necessary for certain offerings.

FA 321
History of Visual Communications
3 credits (AS)

This course examines chronologically the history of advertising design, graphic design and illustration as used specifically to inform, to sell, to persuade and to entertain. The influence of fine art on the commercial arts throughout history is dealt with, as well as its link to the social, political and economic life of various cultures. (Offered fall term)

Required prerequisites: FA 111 Art History I or FA 112 Art History II.

FA 325
Cinema Studies
3 credits (AS)

A critical study of cinema as an evolving art form, this course concentrates on film as cultural text. Students view and discuss films and prepare written analyses on the artistic technique and cultural impact of film as a narrative form. (Offered alternate fall terms)

Prerequisite: EN 201 Academic Writing II.

FA 335
20th Century Architectural History
3 credits (AS)

This course introduces students to the major thoughts, ideas, concepts, and movements that changed, shaped and built 20th-century architecture and interior design. (Offered odd years, fall term)

Recommended prerequisites: FA 131 History of Architecture and Interiors I, and FA 132 History of Architecture and Interiors II.

FA 371
Research Topics in the Visual Arts I
3 credits (AS)

Students choose among advanced work in painting, sculpture, ceramics,

photography, drawing, mixed media, and fashion studies. During the junior year Studio Art majors must take either FA 371 or FA 372, and students may take both. (Offered fall term)

FA 372
Research Topics in the Visual Arts II
3 credits (AS)

See FA 371 Research Topics in the Visual Arts I. (Offered spring term)

FA 373
Research in the Performing Arts I
3 credits (AS)

Students are assigned an advanced dramatic text around which are designed dramaturgical research and scholarship projects. The subject matter is explored as text and as performance, with some emphasis on drama and performance theories. Research methods and materials are examined. During most semesters, research is linked to a current or upcoming production. Those enrolled in FA 473 are assigned additional and more complex research work. (This course does not require performance.) (Offered alternate years)

FA 385
Internship I
6 credits (CS)

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities (Arranged)

Required prerequisites: CM 301 Communications Forms and Techniques, SB 234 Social Psychology.

FA 401
Contemporary Developments in the Arts
3 credits (AS)

This course addresses the major theories, concerns, processes and trends that have shaped the arts since 1980. A thematic approach emphasizes the many points of connection among the visual arts, literature, theater, music and dance. Students have numerous opportunities to put these theories into practice through in-class exercises, formal workshops, and creative projects. (Offered fall term)

Prerequisite: SA 111 Drawing I or SA 131 Design I, or permission of instructor.

FA 405
The Arts in the Community
3 credits (AS)

Focusing on where art is made and how it is presented to the public, this course examines the mission and operation of the cultural organizations in the United States from the 1950s to the present. This course explores the role of the audience, its values and relationship to the arts. Students also examine the implications of aesthetics on politics and politics on aesthetics. (Offered spring term)

FA 408
Aesthetics
3 credits (AS)

Building on some of the basic ideas students encounter in art history and other art courses, this course surveys a variety of questions about the importance of art to individuals and society, the enjoyment and understanding of art, and the social role of the artist. Students read and evaluate theories of art offered by the Western philosophical tradition's most prominent thinkers, as well as the evaluations of their critics. Students will learn to read and evaluate arguments and will be offered the opportunity to assess their own beliefs and standards about art and artistic production. (Offered fall term)

Prerequisite: FA 301 The Creative Process

in the Arts or VC 312 Advanced Illustration II or permission of the instructor.

FA 471

Research Topics in the Visual Arts II **3 credits (AS)**

Students choose among advanced work in painting, sculpture, ceramics, photography, drawing, and mixed media. During the senior year Studio Art majors must take either FA 471 or FA 472, and students may take both. (Offered fall term)

FA 472

Research Topics in the Visual Arts II **3 credits (AS)**

See FA 471 Research Topics in the Visual Arts II. (Offered spring term)

FA 473

Research in the Performing Arts II **3 credits (AS)**

See FA 373 Research in the Performing Arts I

FA 485

Internship II **3 credits (CS)**

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities. (Arranged)
Required prerequisite: FA 385 Internship I.

FA 489

Independent Professional Study **3 credits (CS)**

This course may take a variety of forms: studio, portfolio, research project, or intense reading and a major paper. Characterized by a mentorship or preceptorship relationship, the course places significant demand on the students' capacity for independent critical thought. (Arranged)

FA 499

Capstone Seminar in the Humanities **3 credits (AS)**

Principally designed for students completing course work in a humanities-oriented area (literature, performing arts, communication), the Capstone Seminar allows students to propose and carry out specific academic projects that build on the knowledge and skills emphasized in previous course work. Projects may be individual or team-based. The course stresses written, oral, and visual communication, problem-solving, setting and achieving specific goals, teamwork, and self-assessment. The overall goal is to prepare for the next stage of students' education or professional development. The course culminates with a public presentation of the finished project. (Offered fall and spring terms)
Prerequisite: Student must be eligible for graduation at the end of the term in which seminar is taken.

Fashion Studies

FS 110

Clothing Construction **3 credits (CS)**

Students will learn the techniques of sewing machine operation and garment construction needed to master the basic principles of clothing construction required for fashion design courses. A

series of sample exercises projects will be demonstrated and students will complete sample projects in muslin. Students will also construct garments from a commercial pattern. Students are expected to purchase their own supplies and fabric for this class.

FS113 Fashion Drawing 3 credits (CS)

Students will learn to use basic fashion drawing as it is used in the apparel industry today. They will learn how to create and use the basic croquis and technical flats to visually communicate design concepts, finished garments, fabric and construction details to a product development team. They will be introduced to the ways in which these drawings are used to improve understanding and accuracy within the apparel industry. The students will be introduced to principles of design relating to the figure and the elements of line, shape, color and texture in designing and drawing. A variety of media and techniques will be explored as means to present 3 dimensional designs in a 2 dimensional format. Emphasis will be placed on keeping a sketch journal and developing drawing skills which are aesthetically pleasing and technically sound.

FS 121 Flat Pattern Drafting 1 3 credits (CS)

Students will gain an understanding of the apparel production process through a study and application of garment design, pattern drafting and construction of basic garments. Through lectures, demonstrations and projects, students will develop the ability to visualize garment design and construct garments using flat pattern techniques and the use of creative, technical construction skills. Professional standards and procedures will help the student understand apparel product development and production. Students will create a

sloper and will design and sew garments.
*Prerequisite: FS 110 Clothing
Construction or permission of instructor*

FS 212 Apparel Draping 3 credits (CS)

In this course skills and techniques in apparel design are developed by experimentation with three-dimensional designs draped on dress forms. A series of projects are selected from original sketches and applied to the proper fabric in constructed garments. Various designing techniques are learned. Stress is placed on proper fit, concept creativity, garment construction and marketability of design.
Prerequisite: FS 110 Construction or permission of instructor.

FS 213 Textiles 3 credits (CS)

The basic characteristics and qualities of natural and manufactured fibers are studied in order to gain a better understanding of textile products. Attention is given to fiber content, yarn structure, fabric construction, color application and finishes, and their effect on the fabric's end use. Lectures and laboratory exercises further the student's understanding of fabric as the foundation of the fashion and furnishings industries. (Offered fall term)

FS 221 Flat Pattern Drafting 2 3 credits (CS)

Advanced techniques in pattern drafting will be explored through lecture/demonstrations, practice sessions and projects. Emphasis will be on developing proper fit, comfort and quality and construction of the garment for specific designs. The student will develop an understanding of the flat pattern concept and learn to refine their skills in design and construction problems. Professional-level patterns of sample designs will be made into

finished garments.

Required Prerequisite: FS 211 Flat Pattern Drafting 1

FS 240

Fashion Business

3 credits (CS)

The student learns how the fashion business works from the initial concept through the finished consumer product by understanding the process of sourcing, creating and developing a new product, and marketing that product to the consumer. Inspirations for designers are studied, together with elements that create illusions to the figure through line, proportion, color and texture. Basic elements of fabrics, trims, furs, leather, accessories, and promotion are also emphasized.

FS 250

Fashion Merchandising

3 credits (CS)

In this class students will explore the theoretical and practical functions and roles of merchandising in fashion-related manufacturing and retail businesses. Specific focus will be on the planning, development and presentation of product lines in retail stores. Students will study the principles, procedures, and techniques practiced by merchandisers of fashion goods in determining buying assortments, resource selection and product pricing and promotion. *Prerequisite: FS 240 Fashion Business.*

FS 261

Fashion Promotion

3 credits (CS)

In this class students investigate the various aspects of promoting fashion through individual research, class discussion, and team-based projects. Through the study of various formats and related activities and processes, the student gains the creative knowledge and experience necessary to plan and produce a successful

fashion promotion event. Individual and class projects stimulate the student's creative ability to choose a basic theme, organize the participants and activities, and convey the theme throughout an entire production. The focus of the class is a group project that is organized and completed by student-led teams, and culminates with the annual student fashion show.

FS 270

Computer-Assisted Design for Fashion

3 credits (CS)

Applications of computer technology in the fashion industry are explored through the use of personal computers and the computer-aided design software. Computer-assisted design skills focus on the drawing commands of CAD software to create fashion sketches, surface pattern designs, spec sheets, markers, and draft flat patterns. Final garments will be sewn from the patterns created. Fashion industry software replicates the use of computer-assisted design in a fashion design or manufacturing environment. (Offered spring term)

FS 355

Fashion Illustration

3 credits (CS)

Students will explore fashion illustration as it is used in the apparel industry today. They will visually communicate design ideas, finished garments, construction, product details and to a lesser degree, illustrate for sales and promotion. The students will employ a variety of media and techniques to illustrate fashions and accessories which show an understanding of the various customers, categories and price points in the industry. Students will create finished fashion layouts suitable for presentation in both boards and digital images. Emphasis will be placed on developing a personal style for the final portfolio, which embraces the fashion illustrator's values of clarity, elegance,

economy of line, and beauty of design. Students will be showing illustrations at the annual fashion show.

Prerequisites: FS113 Fashion drawing, SA131 Design I and SA 211 Figure drawing or permission of instructor.

FS365 Product Development 3 credits (CS)

Students will gain an understanding of the product development cycle as it pertains to specific target markets. This will be accomplished through a series of lectures and projects. Students will develop the ability to forecast, plan, conceptualize, source, spec, construct, grade and price for a defined user group. Students will produce garments that are marketable for their defined user group. Finished garments will be completed and presented in a showroom/market format. Successful design projects will be produced for retail sale.

Prerequisite: FS221 Flat Pattern Drafting .2

FS 381 Fashion Internship 6 credits (CS)

Students participate as interns in a variety of fashion-related businesses. The internship provides an opportunity to work off-campus under professional guidance to gain increased knowledge and career experience in the Fashion Design field. Seminars accompany the internship to allow for exchange of information about students' experiences. The College makes final arrangements for the placement and provides transportation when necessary.

Required Prerequisite: Junior level standing in Fashion Design or Fashion Merchandising and permission of instructor.

FS 382 New York Fashion Tour 2 credits (CS)

Students will tour fashion businesses to observe operations and production and

meet with managers in a range of positions. Personnel in businesses ranging from small private enterprises to large, multi-national corporations will share insights on how they remain profitable in today's competitive global business environment. Off-campus tours will include trips to companies in upstate and/or New York City. Preliminary individual company research and class seminars will introduce the week's experience; and allow students to experience a wide variety of fashion-related topics and career possibilities. Students will write papers and develop an individualized career plan, based upon the information obtained from the week's activities. (Offered January term)

Prerequisite: Sophomore-level standing in Fashion Design or Fashion Merchandising or permission of instructor.

FS 493 Fashion Portfolio 3 credits (CS)

Students are exposed to the process of portfolio development, as required for the fashion industry. They will document their mastery of the knowledge and technical skills gained as a fashion student through illustrations, photographs and digital images and other material. They will develop the components of their portfolio along with the knowledge and skills necessary to begin a professional job search, including resumes and other business documents, cover letters, interviews, and networking. A variety of sources used to locate jobs in the fashion industry will be investigated along with discussions of career paths open to graduates with fashion degrees.

Prerequisite: FS 498 Senior Collection 1: Research and Planning or permission of instructor.

FS 498
Senior Collection 1:
Research and Planning
3 credits (CS)

This course is the first of a two-class sequence that constitutes the senior capstone experience that is an academic requirement for all students at Cazenovia College. The research paper and design line planning will allow the student to reflect upon the experiences gained in their academic career, demonstrate their mastery of the skills and knowledge they have acquired as fashion students while preparing for their future profession.

The focus of the class will be on the research methods and process required for the development of a capstone research paper and project. The research process will include a study of research methods, concept proposal and definition, and a final written documented research paper. Research will also be required for reflective and analytic papers, trend reporting/forecasting, color story, story board and sketches which are part of the process of creating a line of garments.

FS 499
Senior Collection 2: Line
Development
3 credits (CS)

This course will be a continuation of Senior Collection 1 course, in which students will create patterns, first samples, story boards and conduct fittings and construct final garments for their senior collection. They will also plan and present the showing of their line as part of the annual student fashion show. During this course each student will complete a fashion collection of garments and presentation pieces that ties their academic experiences to their future endeavors and related conceptually to their research paper. During the last three weeks of the term, each student will have an oral defense. This requires that students present both their written and creative work and discuss the relationship

between these two aspects of their Senior Collection to a specially selected committee.

Prerequisite: FS 409 Senior Collection 1: Research and Planning.

Health

HE 110
Community First Aid and
Safety
1 credit (CS)

The goal of this course is to provide students with the knowledge and skills needed to recognize emergencies, make decisions regarding care and carry out appropriate first aid until professional medical help arrives. Students practice rescue breathing, choking relief, CPR and first aid skills for adults, children and infants. The course also includes information on the prevention of injury and illness. American Red Cross certification in Community First Aid and Safety is awarded upon completion of the course. (Offered annually)

Health Care **Management**

HC 110
Introduction to Health Care
Management
3 credits (CS)

An introduction to health care and health promotion as a profession and a career. Topics include competencies for health professionals, history of health care in the United States, health determinants, philosophical base of health, theories on behavioral and organizational changes, resources and professional organizations. Emphasis on the process and practice of health care in society, the organization and the individual. Other topics will include practices in health care, hospital and medical staff organization, patient records, retention, budgeting, and third-party reimbursement.

HC 210
Medical Terminology
3 credits (CS)

The structure, meaning, and use of medical terms with emphasis on those relating to disease, and operations performed on the human body. Study will include integumentary, musculoskeletal, nervous, sensory, endocrine, cardiovascular, respiratory, reproductive, genitourinary, digestive, and pharmacology.

HC 310
Legal Aspects of Health Care
3 credits (CS)

This course will include a study of accreditation and regulatory agencies for health care facilities. Included in this course is the study of medical/legal aspects of medical records, the medical record as a legal document, confidential communication, the United States Court structure, and legal procedure and patient consents. Other topics will include the study and application of quality/utilization/risk management and physician credentialing.

HC 320
Long-Term Health Care
3 credits (CS)

This course introduces and compares the major assessment and planning models used with the allied health professionals. Models discussed include preceede/post/PATCH. A diagnostic approach to planning that will encompass social, epidemiological, behavioral, educational, administrative diagnoses, and evaluation will be stressed. Other topics include cost/benefit in relation to work-site health promotion, wellness models, health risk appraisals, fitness testing and diversity.

HC 330
Current Trends in Health Care
3 credits (CS)

This course will focus on topics related to current issues and research as related to the health care profession. Emphasis will be placed on consumer, professional, and societal impact of current trends observed, documented, and researched.

HC 410
Health Care Planning
3 credits (CS)

This course will focus on the development and knowledge of those skills necessary to plan and implement health promotion/wellness in a variety of settings. Issues of interest to health professionals such as health care management and cost containment, goal setting, assessing organizational needs, program evaluation, and marketing program intervention are addressed.

**History/
Government**

HG 101
World Civilization I
3 credits (AS)

This course covers the period from the origin of human civilizations to the Renaissance. By focusing significantly on the non-western regions of the world, but not excluding European cultures, it is hoped that the student will reach a greater understanding of and respect for the diversity of cultures around the world. (Offered annually)

HG 102
World Civilization II
3 credits (AS)

This course covers the history of civilizations around the world from the

Renaissance to the present day with particular attention paid to non-western peoples and issues. (Offered annually)
Recommended prerequisite: HG 101 World Civilization I.

HG 121 **History of the United States I** **3 credits (AS)**

Through an examination of the New World's development from the coming of the Norsemen to the Civil War, the student is expected to develop a more complete understanding of the factors that have made us what we are today.
(Offered alternate years)

HG 122 **History of the United States II** **3 credits (AS)**

Through an examination of America's past, from the Civil War through to the present, the student develops a greater understanding of the factors that contributed to America's growth as an urbanized industrial society.
(Offered alternate years)
Recommended prerequisite: HG 121 History of the United States I.

HG 131 **Macroeconomics** **3 credits (AS)**

This course examines the economy considered as a whole. Topics include national income accounting, unemployment, inflation, determination of total output, monetary and fiscal policy, and the international economy. Emphasis will be placed on developing the student's ability to analyze the economy and economic policies. (Offered annually)

HG 132 **Microeconomics** **3 credits (AS)**

This course examines the behavior of consumers and firms in markets. Topics

include supply and demand, elasticities, competition, product markets, resource markets, labor markets, income distribution and government policy. Emphasis will be placed on developing the student's ability to analyze the economy and economic policies. (Offered annually)

HG 141 **Government and Politics of the United States** **3 credits (AS)**

An examination of the national government and the American political system, and how the two differ. The course seeks to place contemporary governmental problems in their historical framework. Students examine the functioning and interrelationships of the legislative, executive and judicial branches of government as well as political and interest groups.
(Offered annually)

HG 143 **State and Local Government** **3 credits (AS)**

State and Local Government is an issue-oriented introduction to the world of government "close to home." There is coverage of how laws are created (from idea through the entire legislative process), the relationship between the federal, state, and local governments, and the big players on the state and local front. In addition, the course focuses on real problems that many students will encounter in their own lives and careers such as: how to secure government funding for programs they are working on (child abuse, drug abuse, the arts, education); how to be effective at town meetings (taxation, school sports, local traffic); how education is funded; how communities bring jobs to their area (economic development); and election campaign issues.

HG 206/SB 206
History & Sociology of the American Family
3 credits (AS)

This is a social history course, which uses sociological concepts to examine historical changes in the functions of American families and the lives of family members. Inquiries will address questions about rapid social change as it relates to (1) changes in the structures and functions of American families, (2) changes in the roles assumed by and role-conflicts experienced by children and adult family members, and (3) changes in the life cycles of family members. Students will examine the impact of major societal transformations—from hunting and gathering to sedentary agrarian to urban industrial/technological—upon family functions and upon the social experiences and development of children, adolescent and adult family members.

(Offered on a rotating basis)

Prerequisite: EN 101 or permission of the instructor

HG 208/308
History of Mexico

This course introduces students to the people and history of Mexico from its ancient past through the present day. This course seeks to develop students' understanding of our "distant neighbor" and to enhance students' appreciation of its diverse culture. This course further seeks to increase students' awareness of the relationship between past events and present realities through readings, discussions, and assignments intended to highlight such relationships.

(Offered on a rotating basis)

Prerequisites: EN 101 for 200 level and EN 201 for 300 level or permission of the instructor

HG 211
Africa and the African Diaspora
3 credits (AS)

This course is one of the World Civilizations courses in which students are introduced to selected non-Western civilizations that have influenced the development of the entire human community. The course is an interdisciplinary introduction to historical and contemporary patterns of social organization, economic activity, and cultural behaviors within sub-Saharan Africa and the African Diaspora. Students develop a perspective of Africa and the African Diaspora as parts of human society with a common heritage and cultural linkages despite historical upheaval and disruption.

HG 223
Women in American History
3 credits (AS)

This course examines the economic, social, political and cultural experiences of women in American history. Students will study historical themes central to explaining our country's history from the perspective of women.

Required prerequisites: Students enrolling in this course must have completed at least one college-level course in American history with a minimum grade of "C+" or obtain permission from the instructor.

HG 241
Comparative Government and Politics
3 credits (AS)

Working on the assumption that what happens in other countries is important to us all, this course examines the governments of the industrialized democracies, the European Community, the former Soviet states, and Third World nations, in an attempt not only to find similarities and differences, but also to apply lessons from their development to the future

growth of the United States.

Prerequisite: HG 141 *Government and Politics of the U.S.*

HG 261

Comparative Political Ideologies

3 credits (AS)

This course examines major political philosophies of the 20th century and their impact on the systems of government in different world areas, including the United States, Russia, Europe, and the Third World nations. After studying the basic principles of liberal democracy, communism and fascism, the course focuses on the successes and failures of these ideologies in selected case studies. The latter part of the course concentrates on the political changes at the end of the 20th century and the political challenges facing both developed and developing nations.

HG 301/SB 301

Models of Society

3 credits (AS)

In this interdisciplinary course, students analyze and apply theoretical models drawn from the social sciences including, but not limited to, geography, economics, history, and political science. Initially, students develop an understanding of the various aspects of geography and how geography is used to analyze important historic, geographic, economic, and environmental issues; develop an understanding of economic concepts and systems and how the principles of economic decision-making impacts economic systems throughout the world; and develop an understanding of political systems and examine the differing assumptions held by people regarding power and authority. Models are then examined that seek to explain significant social issues or topics such as the impact of residential segregation on American society, generational politics, or economic development strategies for the Third

World. (Offered alternate years)

Prerequisite: SB 110 or SB 130 or *permission of the instructor.*

HG 310

Modern Latin America

3 credits (AS)

This course traces the political, social, cultural, and economic evolution of the nations of Latin America from the Independence period through the present day. Particular attention is paid to the diversity of experience and culture generated by the interaction of the region's indigenous, African, and European peoples. (Offered on a rotating basis)
Prerequisites: EN 101 and EN201 or *permission of the instructor*

HG 320

New York State History

3 credits (AS)

This course will facilitate an understanding of the ways that New York State played a vital role in the economic, political, and social development of the United States of America at national and local levels. The village of Cazenovia is located near the sites of tragic battles, religious evangelism, abolition activities, the quest for women's rights, and many others. We will discuss several of those places. Other topics that will be covered include the diversity of New York's citizens, immigration, activism, culture, race, and industrial and technological developments from the earliest Native American inhabitation to the present day. This is an intense reading and writing course.

Prerequisites: *Academic Writing I and a history course, or permission of the instructor.*

HG 325

United States in the 1960's

3 credits (AS)

This course undertakes an intensive study of what is arguably the most domestically divisive—and intellectually challenging—

decade in our nation's history. Using primary sources, books, novels, and culture iconography in a Seminar format, the student will create a scholarly, rather than a "pop culture" assessment of the period. Subjects discussed will include: The Legacy of the 1950's; Civil Rights for African Americans; The Student Movement and the New Left; Kennedy; Johnson; Vietnam and the Antiwar Movement; Civil Rights for Women; The Seminal Year of 1968. (Offered on a rotating basis)
Prerequisites: HG 122 or Advanced Placement High School American History or permission of the instructor

HG 335 **International Economics and Trade** **3 credits (AS)**

This course is an introduction to international economics and trade, with an emphasis on the evolution of various economic theories and discussion of global trends and areas of business opportunities. (Offered annually)
Required prerequisite: HG 131 Macroeconomics and HG 132 Microeconomics.

HG 375 **Historical Methods** **3 credits (AS)**

Designed for the advanced Social Science student in history, political science, or pre-law. The course centers around the art of history—what it is—and the science of the historian—professional historical research. Students will be introduced to the varying ways of defining history, as well as to advanced techniques for library, oral history, statistical and archival research. (Offered annually)
Prerequisites: Successful completion of at least 12 hours in HG coursework (exclusive of Economics); successful completion of Academic Writing I and II.

Human Services

HS 110 **Introduction to Human Services** **3 credits (CS)**

The primary goal of the course is to introduce the student to the broad scope of human services. Students examine the evolution of the profession of human services. Major fields of practice are identified, such as social services for children and youth, rehabilitation services for people who are physically and/or mentally challenged, social welfare services for people who are impoverished, and other disadvantaged groups. Emphasis is placed on the students understanding the common core of knowledge, values, and skills for all human service professionals. (Offered annually)

HS 121 **Child, Youth, and Family Services** **3 credits (CS)**

Problems relating specifically to children and youth, such as child abuse and juvenile delinquency, are examined. Students are introduced to child/family welfare services, such as foster care, adoption, and protective services. Principles of intervention techniques designed to strengthen family life are explored. (Offered annually)

HS 133 **Community Mental Health Issues and Services** **3 credits (CS)**

This course will examine the basic concepts, issues, and concerns of the community mental health system, the organization of mental health programs and systems, and the types of consumers who use these systems. Students will explore counseling, case management, and other roles that human service workers play within these systems, and will study current trends in the delivery of commu-

nity mental health services. Students will learn how to discern political connections behind funding of programs, community support for services, and how these two forces intertwine to affect populations served.

HS 134 **Introduction to Alcohol and Substance Abuse** **3 credits (CS)**

This course introduces students to the issues related to alcohol and substance abuse, including the role of the professional. It will provide the knowledge base regarding the models and theories of addictions and other chemical abuse. Treatment approaches will be introduced and reviewed, and current trends in elderly, minority groups and veterans, will be presented.

HS 240 **Introduction to Counseling** **3 credits (CS)**

The primary objective of the course is to introduce students to the basic skills required in a counseling relationship. Students learn how to listen and respond effectively to those seeking help with problems. This course provides opportunities to learn how to (1) explore and clarify problem situations; (2) reach new perspectives and understandings of problem situations, and set goals based on new perspectives; and (3) develop and implement strategies to reach set goals. Both theoretical and experiential learning opportunities are provided.

(Offered annually)

Required Prerequisites: SB 120
Introduction to Psychology and one Human Services course.

Human Services Internships

Students participate as interns in field settings chosen from a wide variety of human services agencies. The internship provides an exposure to the human services delivery network, and an opportunity

to become involved with clients, goals, and programs of an agency. Professional supervision is provided by the agency and the College. Weekly seminars accompany the internship to allow for exchange of information about students' experiences. The College makes final arrangements for the placement. (Offered annually)
Required prerequisites: A minimum grade of "C" must be earned in each 100/200 level Human Services course to qualify for an internship opportunity.
TWO OF THE FOLLOWING COURSES must be completed before the internship experience: HS 110 *Introduction to Human Services*, HS 121 *Child, Youth, and Family Services* (for HS 282), HS 133 *Community Mental Health Issues and Services* (for HS 283), HS 134 *Introduction to Alcohol and Substance Abuse* (for HS 284), CS 151 *Introduction to Criminal Justice Functions and Processes* (for HS 285), HS 240 *Introduction to Counseling*. Students must have earned 30 academic hours to be eligible for internships. The permission of the Human Services director is also required for the internship experience.

HS 282 **Social Services for Children and Youth Internship II** **6 credits (CS)**

HS 283 **Counseling and Mental Health Internship II** **6 credits (CS)**

HS 284 **Alcohol and Substance Abuse Internship II** **6 credits (CS)**

HS 285 **Criminal Justice Studies Internship II** **6 credits (CS)**

HS 331

Group Dynamics

3 credits (CS)

Group Dynamics examines group processes, group development, group goals and tasks, group leadership styles, roles of group members, and the concept of teamwork. Students will learn about group dynamics by participating in groups during classroom activities, and this experiential component will supplement the major theories of group development. Students will discover how group work is practiced in a variety of settings such as mental health, self-help organizations, health care, rehabilitation, recreation, and corrections. (Offered alternate years)

Prerequisite: HS 240 Introduction to Counseling

HS 341

Counseling Theories

3 credits (CS)

This course concentrates on the history of counseling, divergent counseling theories, and some of the applied psychotherapies, such as Gestalt, Rational/Emotive, Transactional Analysis, and Client Centered. This course will discuss how different counseling theories and techniques impact both the clients and the counselors. Cross-cultural issues in counseling will be examined. (Offered alternate years)

Prerequisite: HS 240 Introduction to Counseling.

HS 343

Intervention Strategies

3 credits (CS)

This course will explore intervention strategies that can be used at different times with a variety of clients and systems. These strategies include individual and group counseling, case management, family work, community planning, and social action. The importance of recording skills and accurate documentation will be examined. (Offered annually)

Prerequisite: HS 240 Introduction to Counseling.

HS 344

Intervention Strategies for Alcohol and Substance Abuse

3 credits (CS)

The main goal of this course is to explore human service intervention strategies for alcohol and substance abuse. These strategies include: rehabilitation program, inpatient and outpatient clinics, case management, group and family therapy, support/education groups, community planning, and advocacy. The process of assessment and specific interventions required for this population will be defined and discussed. The importance of recording skills and accurate documentation will also be examined.

Required prerequisite: HS 134 Introduction to Alcohol and Substance Abuse and HS 240 Introduction to Counseling.

HS 345

Counseling Families in Crisis

3 credits (CS)

This course will focus on an examination of the dynamics of family interactions from a crisis perspective. Students will explore crises affecting the contemporary family, patterns of coping, and strategies and techniques appropriate for dealing with these crises. Students will learn assessment procedures and a variety of approaches through case studies and role-playing.

Required prerequisite: HS 240 Introduction to Counseling.

HS 361

Therapeutic Recreation

3 credits (CS)

This course will examine how therapeutic recreation helps to improve or maintain

physical, mental, emotional, and social functioning of children or adults with disabilities, as well as the elderly. Students will explore how to assess and evaluate people who would benefit from therapeutic recreation. The course will present different theories and techniques supporting therapeutic recreation.

(Offered annually)

Prerequisite: HS 240 Introduction to Counseling

HS 382 Social Services for Children and Youth Internship III 6 credits (CS)

Students participate in programs that serve children and youth and their families. Examples of sites include group homes for runaways, classrooms for students who are learning disabled, residential facilities for troubled youth, alternate school programs for pregnant teens, day care for abused children, and recreational programs for high-risk adolescents. Students' previous experiences and their academic preparation determine internship placement. The internship allows students to use a variety of interventions such as case management, group work, family work, and community planning to serve the needs of the clients and human service systems. A weekly seminar that integrates academic concepts with professional application and practice accompanies the internship. (Offered annually)

Required prerequisites: A minimum grade of "C" must be earned in each 100/200 level Human Services course. Either HS Internship I or II, and HS 240 Introduction to Counseling, and one of the following: HS 341 Counseling Theories, HS 343 Intervention Strategies, HS 345 Counseling Families in Crisis, or HS 331 Group Dynamics. The permission of the Human Services Program Director is also required for the internship experience.

HS 383 Counseling and Mental Health Internship III 6 credits (CS)

Students work as interns in mental health sites such as: outpatient day treatment centers, community mental health agencies, residences for homeless people, programs for people with developmental disabilities, rehabilitation centers for substance abuse, inpatient psychiatric units, and community residences for people with mental illness. Students' previous experiences and their academic preparation determine internship placement. The internship allows students to use a variety of interventions, such as case management, group work, family work, and community planning to serve the needs of the clients and human service systems. A weekly seminar that integrates academic concepts with professional application and practice accompanies the internship. (Offered annually)

Required prerequisites: A minimum grade of "C" must be earned in each 100/200 level Human Services course. Either HS Internship I or II, and HS 240 Introduction to Counseling, and one of the following: HS 341 Counseling Theories, HS 343 Intervention Strategies, HS 345 Counseling Families in Crisis, or HS 331 Group Dynamics. The permission of the Human Services Program Director is also required for the internship experience.

HS 384 Alcohol and Substance Abuse Internship III 6 Credits (CS)

Students work as interns in alcohol and substance abuse settings such as inpatient and outpatient rehabilitation programs, community residences, state and county programs and counseling centers. Students' previous experience and their academic preparation determine internship placement. The internship allows students to use a variety of interventions

such as individual and groups therapy, family work, and community planning to meet the needs of the clients. A weekly seminar that integrates academic concepts with professional application and practice accompanies the internship.

(Offered annually)

Required prerequisites: A minimum grade of "C" must be earned in each 100/200 level Human Services course. Either HS Internship I or II and HS 240 Introduction to Counseling and HS 344 Intervention Strategies for Alcohol and Substance Abuse. The permission of the Human Services Director is also required for the internship experience.

HS 431 **Rehabilitation Services** **3 credits (CS)**

This course will examine specific techniques in the rehabilitation process. Emphasis will be placed on contemporary modalities of rehabilitation as they relate to community mental health and alcohol and substance abuse programs.

Assessment, treatment, and prevention techniques will be examined. Students will be able to identify how people with mental disabilities and alcohol and substance abuse issues are restored to their fullest psychological, social, and vocational capabilities. (Offered annually)

Recommended prerequisites: HS 133 Community Mental Health Issues and Services or HS 343 Intervention Strategies or permission of instructor.

HS 475 **Program Planning and Evaluation** **3 credits (CS)**

This course will provide an examination of the theories and applied techniques for planning, implementing, and evaluating human service programs in organizations and communities. Components of plans, needs assessment, and funding are some of the topics that this course will address, and the political and social pressures

affecting policy formation will be identified. (Offered spring term)

Prerequisite: EN 201 Academic Writing II and HS 240 Introduction to Counseling.

HS 499 **Senior Capstone** **3 credits (CS)**

This course will enable students to achieve maximum integration of knowledge, skills and values that have been explored through previous courses. Senior Human Services majors will complete a research project about a particular human service problem. They will complete a literature review on their topic, collect and analyze data, and write a research report. (Offered spring term)

Required prerequisites: HS 343 Intervention Strategies, and eligible for graduation upon completion of the course or permission of the instructor.

Humanities

HU 099 **Foundations of Reading** **3 non-degree credits**

Students will develop technical and college level vocabulary while practicing textbook attack strategies and critical comprehension skills. This course prepares students for HU100 Fundamentals of College Reading. Placement is based upon entrance reading test. The grade for this course will not be calculated into the GPA; however, students who fail this course will be dismissed from the College. (Offered Pre-Freshmen Summer College Only)

HU 100 **Fundamentals of College Reading** **3 non-degree credits**

Students will develop critical thinking and logic skills while improving comprehension and cognition skills through the use

of effective reading strategies in preparation for college level reading assignments in various disciplines. This course provides three college credits which are factored into the GPA. However, these credits are taken in addition to the total credit requirements of the student's major program. Placement is based upon an entrance reading test. Students are required to complete this course before matriculation into their second year at the College. Students who fail this course twice will be dismissed from the College. (Offered annually)

HU 160 **Introduction to Philosophy** **3 credits (AS)**

In this course the students consider basic philosophic ideas and their application to our lives. They examine issues of racism, sexual equality, the effects of language on our understanding of our world, abortion, and multi-culturalism as philosophic issues. The students work to integrate these ideas into their world views. (Offered fall term)

HU 165 **Critical Thinking: Language and Logic** **3 credits (AS)**

In this course students develop their abilities to judge the assorted claims, both supported and unsupported, with which life confronts them. Students learn methods, techniques, and precautions to aid them in making wise decisions. Critical thinking and reading skills developed in this course are of particular importance in the business and corporate environment. (Offered spring term)

HU 285 **Liberal Studies Internship** **3 credits (CS)**

The Liberal Studies internship is an elective course that gives Liberal Studies students the opportunity to test career

options related to their Liberal Studies area of study. The internship includes a set of preliminary class meetings on professional conduct and their connections to liberal arts study. Seminars accompany the internships to allow for exchange of information about students' internship experiences. The College makes final arrangements for the internship placement and provides transportation when possible. This course does not satisfy General Education or distribution requirements in the HU area. (Arranged)
Required prerequisites: A minimum grade of "C" in EN 101 and CM 121 plus sophomore status and permission of instructor.

HU 301 **Environmental Ethics** **3 credits (AS)**

This course will examine the current theoretical and practical issues contained in the field of environmental ethics. The course explores the diverse responses to the concerns raised by environmental problems, analyzing the ethical underpinnings of a wide variety of perspectives. During the course we will examine such issues as the value of wilderness, our duties to animals and the natural world, obligations to future generations, human relationships to nature, and environmental justice.

Prerequisite: EN 201 Academic Writing II

HU 361 **Commitment and Choice** **3 credits (AS)**

Students identify interests, skills, and personal values in order to form a foundation for conflict resolution and decision-making. Through a critical examination of their own values, students learn to recognize ethical and moral situations, identify relevant facts and moral reasons, and use these facts and reasons to make important life decisions. Conflicts and options affecting personal and family life, education, the workplace, and the community

are examined. (Offered fall and spring terms)

Prerequisites: EN 201 Academic Writing II.

HU 365 **Ethics** **3 credits (AS)**

Students are introduced to the perceptions and explanations of human values as expressed by major philosophers throughout history. Concepts, discoveries and ideas that have significantly changed the course of history are analyzed. The course helps students learn to interpret and evaluate contemporary moral issues and leads them to explore how their own values shape their interpretation of personal experiences. (Offered fall and spring)

Prerequisite: EN 201 Academic Writing II.

HU 385 **Internship I** **6 credits (CS)**

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities. (Arranged)

Required prerequisites: CM 301 Communications Forms and Techniques, SB 234 Social Psychology.

HU 461 **Values in the Modern World** **3 credits (AS)**

Employing a case-studies approach, this course features an intensive exploration of a single, contemporary, values-related issue. The precise issue varies from section to section. Topics featured in the past include censorship, environmental ethics, technology, and biomedical ethics. (Offered alternate spring terms)

Prerequisites: HU 361 Commitment and Choice or HU 365 Ethics

HU 465 **Ethical Issues in** **Organizations** **3 credits (AS)**

Students examine social, political, legal and ethical issues confronting modern professional and commercial organizations. The course focuses in particular on the relationships of organizations to the internal, external, local, national and international environments in which they operate. (Offered fall and spring terms)

Required prerequisite: HU 361 Commitment and Choice or HU 365 Ethics.

HU 485 **Internship II** **3 credits (CS)**

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities. (Arranged)

Required prerequisite: HU 385 Internship I.

HU 489 **Independent Professional** **Study** **3 credits (CS)**

This course may take a variety of forms: studio, portfolio, research project, or intense reading and a major paper. Characterized by a mentor or preceptor relationship, the course places significant demand on the student's capacity for independent critical thought. (Arranged)

HU 499 **Capstone Seminar in the Humanities** **3 credits (AS)**

Principally designed for students completing course work in a humanities-oriented area (literature, performing arts, communication), the Capstone Seminar allows students to propose and carry out specific academic projects that build on the knowledge and skills emphasized in previous course work. Projects may be individual or team-based. The course stresses written, oral, and visual communication, problem-solving, setting and achieving specific goals, teamwork, and self-assessment. The overall goal is to prepare for the next stage of students' education or professional development. The course culminates with a public presentation of the finished project.

(Offered fall and spring terms)

Prerequisite: Student must be eligible for graduation at the end of the term in which seminar is taken.

Interior Design

ID 111 **Drafting** **3 credits (CS)**

This course introduces the student to basic manual drafting techniques. Students develop a variety of scaled drawings, including: floor plans, elevations, sections, and axonometric drawings.

(Offered fall term)

ID 115 **Models and Drawing** **3 credits (CS)**

This course explores mechanical and free-hand perspective drawings and model making, as they apply to interior design and architecture. This course also includes sketching of interior spaces. The ability to sketch is a critical skill for the develop-

ment of conceptual drawings. (Offered spring term)

Prerequisite: ID 111 Drafting

ID 121 **Rendering** **3 credits (CS)**

The student learns techniques for rendering the elements of interior spaces in detail, including finishes, fabric, drapery, furniture and accessories. The course introduces the student to the use of varied media in the representation of lights, shadow, texture, color, and form. This course also includes the study of perspective drawings. The student will develop one-point and two-point grids from which three-dimensional drawings are created. (Offered spring term)

Required prerequisite: ID 111 Drafting.

ID 211 **Residential Construction** **3 credits (CS)**

The course examines contemporary residential construction techniques including materials and systems in order to provide the student with an appreciation of the architectural environments within which the interior designer must work. The student becomes familiar with residential wood frame construction terminology and learns how to create working drawings. (Offered spring term)

Required prerequisite: ID 111 Drafting.

ID 221 **Residential Design** **3 credits (CS)**

Students learn to analyze the properties and functions of residential interiors in order to design attractive and efficient plans for a variety of clients. In this course they learn to use the principles and elements of design such as line, shape, color, etc., as well as the phases of design such as programming, schematics, etc. Students make formal class presentations,

which may include floor plans and renderings, materials selections, and furniture specifications. (Offered spring term)

Prerequisite: ID 111 Drafting; recommended prerequisite ID 121 Rendering.

ID 232

Universal Design

3 credits (CS)

Students develop projects based on their background in interior design subject matter. There is a focus on implementing ADA/ANSI standards to provide improved access for mobility-challenged users as well as others. During the second half of the term a health care project is developed concurrently with course work in ID 271 Auto-CAD I in order to use Auto-Cad as a design and presentation tool. Please note that this course coordinates with ID 271 Auto-CAD I.

(Offered fall term)

Required prerequisite: ID 111 Drafting;

recommended prerequisite ID 121

Rendering. Recommended corequisite: ID 271.

ID 242

Finishes and Materials I

3 credits (CS)

This course is concerned with the proper selection of architectural finishes and materials for use in both residential and commercial interiors. Specific areas examined include floor coverings, wall coverings, building and industrial materials used in the design and construction of furniture, ceilings, and accessories. The students are encouraged to develop innovative uses of materials within the context of fire, safety and building codes. Classes are primarily in a lecture/studio format. However field trips are taken to distributors or product showrooms and guest speakers are often incorporated into the classroom format. (Offered fall term)

Prerequisites: ID 111 Drafting

ID 243

Finishes and Materials II

3 credits (CS)

This course provides the fundamental fiber and fabric information needed to make informed decisions in the field of interior design. It covers fiber properties, textile construction methods, as well as dyeing, printing, and the estimating process. Textile applications and performance are emphasized relative to flammability, weathering, and building codes. (Offered spring term)

Recommended prerequisites: ID 111 Drafting.

ID 271

Auto-CAD I

3 credits (CS)

This course focuses on the basic drawing commands and menu structure of the Auto-CAD program of computer-aided drafting, including many basic commands, such as line, point, circle, ellipse, array, offset, and text. The student learns to set up and plot 2-dimensional floor plans and elevations. This course provides basic skills the student needs to operate the Auto-CAD program. Please note that this course coordinates with ID 232 Universal Design. (Offered fall term)

Required prerequisite: ID 111 Drafting.

Recommended corequisite: ID 232.

ID 311

Commercial Construction

3 credits (CS)

Contemporary theory and technique in the design and construction of small commercial buildings is related to interior design. The student gains knowledge in the application of structural systems, HVAC, and mechanical systems, acoustics and the nature of building materials. (Offered fall term)

Required prerequisite: ID 111 Drafting;

recommended prerequisite ID 211

Residential Construction.

ID 318
Furniture Design
3 credits (CS)

The details, drawings, and furniture designs developed in this course often augment the projects generated in ID 324 Hospitality Design Studio or in ID 425 Retail and Exhibition Design. These include cabinetry details, drawings, and documents. A chair or table is designed and constructed with basic materials during this course.

(Offered even years, fall term)

Required prerequisite: ID 111 Drafting.

ID 320
Professional Orientation
3 credits (CS)

The course studies the professional practice of interior design, including its purpose and goals, structure and procedures, trade and client relations, fee structure, accounting practices, and professional ethics.

(Offered spring or fall term each year)

ID 322
Contract/Furniture Systems
3 credits (CS)

This course develops the understanding of design considerations for contract/furniture systems and functional work environments. Special emphasis is given to the understanding of systems furniture products. ID 371 Auto-CAD II usually is taken concurrently, incorporating Auto-CAD and computer furniture catalog systems into projects. (Offered spring term)

Required prerequisites: ID 111 Drafting and ID 271 Auto-CAD I

Recommended prerequisite: Junior standing in the ID program or permission of instructor. Recommended corequisite: ID 371 Auto-CAD II.

ID 324
Hospitality Design Studio
3 credits (CS)

This course introduces students to

designing for the hospitality industry. It exposes students to the concepts of hotel, lodging, and restaurant design. Projects often include the development of design “concept,” site, interior space planning, and selection of materials and finishes. Formal class presentations are required. (Offered spring term)

Required prerequisites: ID 111 Drafting, and ID 121 Rendering.

ID 365
Lighting I
3 credits (CS)

Topics covered include a history of and orientation to electric lighting, basic principles of electricity, color and lighting, architectural and theatrical controls and instruments, light sources, light measurement, brightness relationships, luminaries, charts, and photometrics, layout and specification. (Offered spring term)

Prerequisite: ID 111 Drafting or permission of the instructor.

ID 369
Building Codes
3 credits (CS)

This course acquaints the students with various aspects of New York State Building Codes. General building codes of other areas are included as appropriate. Potential areas of difficulty in code compliance are explored. (Offered even years, spring term)

ID 371
Auto-CAD II
3 credits (CS)

This course introduces the student to third-party software applications using the Auto-CAD environment. An intermediate-level understanding of computer-aided design is developed. The course focuses on furniture systems applications such as those provided by various contract furniture manufacturers. This course is usually taken concurrently with ID 322 Contract/Furniture Systems.

(Offered spring term)

Prerequisite: ID 271 Auto-CAD I, or permission of the instructor.

Recommended corequisite: ID 322

Contract/Furniture Systems.

ID 372

3-D Computer Modeling 3 credits (CS)

This course explores three-dimensional applications of computer-aided design and advanced level third-party software integration. The course focuses specifically on automated applications currently used in the field of interior design.

(Offered fall term)

Required prerequisite: ID 371 Auto-CAD II.

ID 381

Internship 3-6 credits (CS)

The student develops a set of learning objectives and keeps a journal of work activities based on experiences at internship site. A verbal presentation, summarizing the internship experience, including examples of projects and learning outcomes, is required.

(Offered spring term)

Prerequisite: Student must have at least Junior standing and must have completed a minimum of one full-time semester at Cazenovia College.

ID 425

Retail and Exhibition Design 3 credits (CS)

This course emphasizes the design of retail and exhibition spaces. Students are exposed to functional aesthetics and to retail programming procedures. The projects emphasize creative problem-solving and may include theatrical, retail, furniture, and exhibition/trade show design.

(Offered fall term)

Prerequisite: ID 311 Commercial Construction

ID 460

Interior Design Portfolio 3 credits (CS)

Students choose design projects and computer drawings created during their four years of study to prepare them for the career-related portfolio. Students and faculty critique the work for professional standards necessary for job interviews.

Students prepare resumes and cover letters. Guest speakers cover placement, informational interviews, internet search and Web site portfolio options. Other topics include ethics, contracts, professional networking, billing, income and how to read a financial statement. Field trips, videotapes and professional periodicals will also be used as resources.

(Offered spring term)

Prerequisite: Student must have Senior standing.

ID 465

Lighting II 3 credits (CS)

An in-depth survey of lighting equipment and design application, with an emphasis on energy conservation. Other issues addressed include: the control of light, calculations (day lighting, point-by-point, zonal cavity, visual comfort probability), luminaries, electric control, theatrical and computerized dimming systems, architectural design, computer-aided modeling, associated phenomena, layouts and design reports. (Offered fall term)

Prerequisites: ID 365 Lighting I, II or theatrical students with permission of instructor.

ID 498

Senior Topics 3 credits (CS)

Seniors undertake advanced work focusing on historic preservation and other interior design topics. Students choose individual topics, perform research, and develop both written and visual components.

(Offered fall term)

ID 499

Senior Project Studio

3 credits (CS)

Students develop project drawing, revise a research paper, and prepare a final project presentation to an audience. Students employ the competencies fostered in the general core and their career curriculum through development and delivery of their culminating or capstone presentation. This experience serves to demonstrate the students' capacity for independent critical thought.

(Offered spring term)

Prerequisite: ID 498 Senior Topics.

Information Management

IM 120

Introduction to Computers

3 credits (CS)

This course is a comprehensive overview of the field including a survey of topics in data processing, an introduction to the applications of computers in business, and the impact of computers on all aspects of society. In addition to acquainting the students with computer hardware and computer systems, the course requires proficiency with a variety of software packages in the microcomputer lab. The software packages include word processing, databases, and spreadsheets. (Offered fall and spring terms)

IM 128

Electronic Publishing

3 credits (CS)

This course introduces students to the concepts and practice of electronic publishing. Most of the course consists of intensive training with electronic publishing software supporting student projects in the College laboratories. Analysis of student projects and study of design principles train students to distinguish excellent quality in publishing prod-

ucts and to create projects that conform to industry standards for excellence.

IM 220

Business Computer

Applications

3 credits (CS)

This course is designed as an application course and will explore applications of the software taught in IM 120. Topics include: word processing, spreadsheet, and database software. These software programs will be incorporated into the creation of letters, memos, and short reports. Both research and composition will have important positions in this creation. The conceptual/lecture component of this course will survey current topics in Management, including: trends, technology and businesses, and multicultural aspects of doing business. *Students must pass with a "C" or better.*

IM 325

Data Processing and

Information Management

3 credits (CS)

This course deals with business data processing systems usage, applications and issues. Preparation and analysis of reports and use of data in management decisions is included. Data processing and analysis are applied to common aspects in management. (Offered annually).

Required prerequisite:

IM 120 Introduction to Computers with a minimum grade of "C."

Languages

LG 111

Beginning Spanish I

3 credits (AS)

This course introduces students to the fundamental skills necessary to communicate and function in Spanish. The course also enables students to become familiar with a culture other than their own and

to learn about the similarities and differences in behavioral patterns and customs. Students should have no more than one year (or the equivalent of prior experience) in college-level Spanish. (Offered fall term)

LG 112
Beginning Spanish II
3 credits (AS)

This is a continuation of the skill building begun in LG 111 Beginning Spanish I. Students should have no more than one year (or the equivalent of prior experience) in college-level Spanish. (Offered spring term)

LG 121
Beginning French I
3 credits (AS)

This course introduces students to the fundamental skills necessary to communicate and function in French. The course also enables students to become familiar with a culture other than their own and to learn about the similarities and differences in behavioral patterns and customs. Students should have no more than one year (or the equivalent of prior experience) in college-level French. (Offered fall term)

LG 122
Beginning French II
3 credits (AS)

This is a continuation of the skill building begun in LG 121 Beginning French I. Students should have no more than one year (or the equivalent of prior experience) in college-level French. (Offered spring term)

LG 131
Beginning American Sign Language I
3 credits (AS)

A beginning course in American Sign

Language as used within the American deaf community, including a basic study of manual-visual communication with an introduction to vocabulary, sentence structure, and elementary conversations. Receptive skills (reading signs) and expressive skills (signing one's own thoughts) will be emphasized. Introduction to deaf culture is included. (Offered fall term)

LG 132
Beginning American Sign Language II
3 credits (AS)

This is a continuation of the skill building begun in LG 131 Beginning American Sign Language I. (Offered spring term)

LG 211
Intermediate Spanish I
3 credits (AS)

This course is intended to be an expansion of the introductory course. During the second year of instruction, practice in listening comprehension and speaking, already begun, is reinforced continuously as the student's proficiency increases. Continued improvement in reading, writing, and grammar skills, accompanied by broadened understanding of Spanish culture (both European and Latin American), will require greater concentration. (Offered fall term)

LG 212
Intermediate Spanish II
3 credits (AS)

This is a continuation of the skill building begun in LG 211 Intermediate Spanish I. (Offered spring term)

LG 221
Intermediate French I
3 credits (AS)

This course is an expansion of the introductory French course. During the second

year of instruction, practice in listening comprehension and speaking is reinforced continuously as the student's proficiency increases. Continue improvement in reading, writing, and grammar skills, accompanied by broadened understanding of French culture. (Offered fall term)

LG 222

Intermediate French II 3 credits (AS)

This is a continuation of the skill building carried out in LG 221 Intermediate French I. (Offered spring term)

Military Science

(Offered through the ROTC Program at Syracuse University)

MS 101 Introduction to Military Science 1 credit (CS)

MS 102 Introduction to Military Leadership and Professionalism 1 credit (CS)

Duties and responsibilities of junior officers; activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, making presentations, and basic marksmanship. Learn fundamental concepts of leadership in both classroom and outdoor laboratory environments. Learn/apply principles of effective leadership. Reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate ethical values to the effectiveness of a leader. One-hour classroom instruction and a mandatory leadership lab, plus participa-

tion in one physical-fitness test. Participation in a weekend exercise is optional, but highly encouraged.

MS 201 Military Leadership and Professionalism I 1 credit (CS)

MS 202 Military Leadership and Professionalism II 1 credit (CS)

Advanced-level instruction expanding on first-year military science courses. Introduction to individual and team aspects of military tactics in small unit operations. Includes use of radio communication, making safety assessments, movement techniques, planning for team safety/security and conducting pre-execution checks. Practical exercises with upper-division ROTC students. Learn techniques for training others as an aspect of continued leadership development. One hour of classroom instruction and a mandatory leadership lab, plus participation in one physical fitness test. Participation in weekend exercise is optional, but highly encouraged.

Studio Art

SA 111 Drawing I 3 credits (CS)

Students are introduced to drawing concepts and techniques through work in various media and by exploring concepts of line, value, texture, composition, and color. While this course emphasizes observational drawing, projects introduce a range of traditional and innovative approaches to drawing. (Offered fall and spring terms)

SA 112
Drawing II
3 credits (CS)

Drawing II introduces more complex conceptual and aesthetic approaches to drawing. Students use a wide range of media, with emphasis on color and an introduction to the figure.

(Offered fall and spring terms)

Required prerequisite: SA 111 Drawing I, or permission of the instructor.

SA 121
Painting
3 credits (CS)

The course investigates different stylistic and conceptual approaches to painting. Students work with a variety of media and techniques, including traditional methods and innovative approaches. (Offered fall and spring terms)

SA 131
Design I
3 credits (CS)

The basic two-dimensional design elements (line, shape, form, pattern, color and value) are explored, as they relate to composition and concept. A segment of the course also deals with principles of perspective. Projects employing various mixed media explore concepts of color, composition and problem solving in the design process.

(Offered fall and spring terms)

SA 132
Design II
3 credits (CS)

Concepts of three dimensionality, and construction techniques constitute the main emphasis of this course. The student applies design principles to a series of complex problems dealing with three-dimensional space.

(Offered fall and spring terms)

SA 161
Photography I
3 credits (CS)

Students acquire basic photographic skills including darkroom procedures and techniques. Students provide their own cameras with manual option. Focusing, aperture and shutter speed adjustments must be set manually; no fully automatic cameras are allowed.

(Offered fall and spring terms)

SA 162
Photography II
3 credits (CS)

This photography course begins with advanced black and white techniques. Students spend a significant portion of the class learning about photojournalism. They complete the course with an introduction to color photography.

Required prerequisite: SA 161 Photography I, or portfolio review by the instructor.

SA 211
Figure Drawing
3 credits (CS)

Stressing both proportion and anatomy, instruction is geared toward representing and responding to the nude figure as subject matter using a wide range of drawing media. The creation of form through line, tone and shading is emphasized and experimental approaches to using the figure in art are also explored. Composition of the total page is practiced by relating the figure to its surroundings.

(Offered fall and spring terms)

Required prerequisite: SA 112 Drawing II or permission of the instructor.

SA 231
Printmaking
3 credits (CS)

Students are exposed to various printmaking techniques such as: infaglo, relief and a range of experimental applications. These media enable students to experi-

ence new drawing techniques and to gain an understanding of the art of multiples.

SA 241
Ceramics
3 credits (CS)

Students are introduced to the basic methods of preparing and forming clay, so as to develop an understanding of clay as a sculptural and functional medium. They are exposed to pinch, coil and slab methods, as well as wheel throwing, decorating and glazing.

(Offered fall and spring terms)

SA 242
Sculpture
3 credits (CS)

Using a variety of sculpture techniques, students explore the essential characteristics of three-dimensional form through projects that address scale, space, multiples, site and materials. The course investigates basic casting, carving, and welding techniques. Students will study the work of contemporary and historically significant sculptors.

(Offered fall and spring terms)

SA 261
Studio Photography
3 credits (CS)

Students work in a fully equipped studio using strobe lighting systems and both large- and medium-format cameras. A variety of lighting techniques are studied. Portraiture, full-figure and product photography under controlled lighting situations are emphasized in this course.

(Offered fall term)

Prerequisite: SA 161 Photography I and SA 162 Photography II.

SA 263
Color Photography
3 credits (CS)

This is an introductory color course. Students will use both color transparen-

cies and color negative film. They will study how to achieve a proper color balance, when to use filters, and study the differences between hue, value, and saturation of color. (Offered fall term)

Required Prerequisite: SA 161

Photography I or permission of the instructor.

SA 272
Studio Research: Site and Space
3 credits (CS)

This course stresses advanced work in the concepts and techniques involved in making 2-D and 3-D works of art that respond to the issues of site and space.

Students are introduced to pertinent contemporary artworks and are required to be innovative in their own art making.

(Offered spring term)

Required prerequisite: Design I or Drawing I or permission of the instructor.

SA 276
Computer Imaging
3 credits (CS)

This course offers an overview of how digital media are used with photographic and other images. Topics include an overview of image-based computer applications, hardware and software requirements, scanning and printing images, combining images, combining texts and images, service bureaus and copyright issues regarding manipulated images.

(Offered fall term)

SA 293
Internship Preparation
1 credit (CS)

This course, taken at the end of the sophomore year, readies students for interviewing for and getting the most out of their junior year internships.

SA 309
Special Topics in the Arts
3 credits (CS)

This is a repeatable course in which the content varies each year. Different faculty from a variety of programs across the college may teach this rotating course and the content will depend on the faculty member's expertise and the needs and interests of the student population.

Potential topics include a mix of SA and FA courses: Art and Autobiography, Art and Politics, Museum as Medium, the Landscape Tradition, Photo-based Installation Art, Mural Painting, Glass Casting, Public Art, Artist's Books, Sports Photography, Fashion Photography, Small Metals (Jewelry). Prerequisites may be necessary for certain offerings.

SA 311
Life Drawing and 3-D Forms
3 credits (CS)

This course explores the relationship between two- and three-dimensional representation of the human form. Students draw and sculpt the figure, concentrating on proportion and anatomy. Emphasis is on personal artistic growth as well as process, technique and content. (Offered fall or spring term)

Required prerequisite: SA 211 Figure Drawing.

SA 320
On Assignment: Location and Documentary Photography
3 credits (CS)

This course deals with photo journalism and documentary photography. While particularly tuned to the commercial aspects of photography (i.e. newspaper and magazine work) it will also help the fine art photographer deal with narrative and the idea of the "decisive moment." Additionally, the course covers location lighting and file management.

SA 325
Large Format Photography and Fine Printing
3 credits (CS)

In this course, students study the history, theory and use of large format cameras and learn fine printing technologies.

SA 365
Alternative Processes
3 credits (CS)

This course introduces students to a wide range of alternative, experimental and historic photographic processes. They will learn to achieve stunning and unique photographic effects utilizing these unusual techniques. In addition to weekly assignments, each student will realize a major project using the process of his/her choice.

Required Prerequisite: SA 161 Photography I

SA 381
Internship
3 credits (CS)

Studio Art and Photography internships consist of off-campus fieldwork based on a learning contract signed by the student, agency supervisor, and faculty sponsor. An orientation session is required prior to fieldwork. Work is supervised by the program field work director and a faculty adviser. A written evaluation of the experience is required of the student and the agency. The student develops a written document that synthesizes the internship and academic activities. (Offered spring term)

SA 410
Professional Photography Practices
3 credits (CS)

In addition to teaching the practical aspects of setting up and maintaining a profitable photo business, this course will cover crucial professional ethics topics

like First Amendment issues, libel and misappropriation of images, intellectual property and copyright laws, contracts, pricing, estimates, and model releases.

SA 415
Graphic Forms
3 credits (CS)

This course is an exploration of design, graphic form and drawing concentrating on formal and conceptual concerns. Students work with abstract concepts and the basic elements of edge, line, mass, form and composition are encountered at a new level of complexity. (Offered spring term)
Prerequisite: SA 111 Drawing I.

SA 493
Portfolio Preparation
3 credits (CS)

Students build and refine their portfolios to a professional level in preparation for career placement. They explore employment opportunities, examine career goals, and write and design their resumes and self-promotional packages. Students explore the business side of their profession by learning how to develop professional relationships; understand contracts and other business documents; negotiate and estimate fees; start, manage, and market a business; address ethical and legal issues and present their portfolio. (Offered spring term)
Prerequisite: Completion of core courses in Studio Art.

SA 498
Senior Project
3 credits (CS)

This is the first term of a linked two-term capstone course in Studio Art. Students propose and initiate work on a major creative project and a related research paper that link together students' academic experiences and their professional goals. Over the course of the semester, each student meets with an active professional from the field of Studio

Art. This professional contact provides valuable and appropriate feedback for the student toward his/her work and career plans. (Offered fall term)

SA 499
Senior Seminar
3 credits (CS)

This is the culminating term of a linked two-term capstone course in Studio Art. Students complete work on a major creative project and a related research paper that link together students' academic experiences and their professional goals. During the final weeks of the course, each student has an oral defense in which he or she presents the year's work to a committee of faculty and professionals. Over the course of the semester, each student meets with an active professional from the field of Studio Art. This professional contact provides valuable and appropriate feedback for the student toward his/her work and career plans. (Offered spring term)
Required prerequisite: SA 498 Senior Project.

Social and Behavioral Sciences

SB 110
Introduction to Anthropology
3 credits (AS)

This introductory course undertakes a cross-cultural survey of basic principles and concepts in anthropology. Anthropological fieldwork techniques, culture and communications, the organization of society, family structure, and religious beliefs are among the topics presented. (Offered annually)

SB 120
Introduction to Psychology
3 credits (AS)

The focus of this course is on the scientific study of human behavior and mental processes, and how they are affected by environment, experience, and physiology. Students are introduced to a variety of psychological terms, concepts, and approaches.

(Offered fall and spring terms)

SB 121
Child Psychology
3 credits (AS)

The focus of this course is on human development from conception through the middle years of childhood. The developmental aspects of the child's physical, emotional, social, personality, language and cognitive growth are presented. The impact of family, peers, and other environmental influences on the child are also investigated.

*Required prerequisite: SB 120
Introduction to Psychology.*

SB 122
Adolescent Psychology
3 credits (AS)

This course focuses on the characteristics, needs and problems of adolescence. Biological, cognitive, societal, familial and peer influences on behavior are among the topics covered in this course.

*Required prerequisite: SB 120
Introduction to Psychology.*

SB 123
Adult Psychology
3 credits (AS)

The developmental process of aging, including family adjustment, marriage, single adults, biological changes, intellectual development, retirement, senescence and death are addressed in this course. The focus is on the bio-physiological and psychosocial forces that affect adult development.

*Required prerequisite: SB 120
Introduction to Psychology.*

SB 130
Introduction to Sociology
3 credits (AS)

The course provides an overview of the study of society through an exploration of social structure and social change. Topics include socialization, culture, institutions, race and ethnicity, social stratification, and group behavior, as well as contemporary issues. (Offered fall and spring terms)

SB 201
**Multicultural Contributions
to American Society**
3 credits (AS)

The purpose of this course is to foster a better understanding of the rich diversity of cultural experiences that constitute American society. Using an interdisciplinary approach, various aspects of American history will be examined from the perspective of the minority peoples themselves. Contemporary multicultural issues will also be examined within the context of their historical framework. Students are expected to contribute to the production of the Multicultural Festival. (Offered spring term)

*Required prerequisite: EN 101 Academic
Writing I and one SB or HG course; or
permission of the instructor.*

SB 206/HG 206
**History & Sociology of the
American Family**
3 credits (AS)

This is a social history course, which uses sociological concepts to examine historical changes in the functions of American families and the lives of family members. Inquiries will address questions about rapid social change as it relates to (1) changes in the structures and functions of American families, (2) changes in the roles assumed by and role-conflicts experienced by children and adult family

members, and (3) changes in the life cycles of family members. Students will examine the impact of major societal transformations—from hunting and gathering to sedentary agrarian to urban industrial/technological—upon family functions and upon the social experiences and development of children, adolescent and adult family members.
(Offered on a rotating basis)
Prerequisite: EN 101 or permission of the instructor

SB 221 Psychology of Women 3 credits (AS)

This course focuses on many topics important to women that are omitted or abbreviated in traditional psychology courses. These topics include the development of sex-typing, women and work, women's health issues, pregnancy, and motherhood. The course attempts to discriminate between constitutional and environmentally produced differences between the sexes in order to better understand behavior and personality.
*Required prerequisite: SB 120
Introduction to Psychology.*

SB 225 Lifespan Developmental Psychology 3 credits (AS)

This course reviews development through the entire lifespan. Each developmental stage - from fetal growth, infancy, toddlerhood, childhood, adolescence, young adulthood, middle age, and maturity - will be discussed in terms of cognitive, social, emotional, and physical changes. Theoretical approaches to psychological development are also presented.
Prerequisite: SB 120

SB 231 Social Problems 3 credits (AS)

Contemporary social problems are

explored through theoretical concepts of social disorganization, deviance and value conflicts. Topics include mental health, drugs and alcohol, juvenile delinquency, crime, criminal justice, stratification, racism, aging, population growth, gender roles, health care, education, the environment and the family.
(Offered fall and spring terms)
*Required prerequisite: SB 130
Introduction to Sociology.*

SB 232 Sociology of Gender 3 credits (AS)

This course examines influences that social structure and social change have on gender roles in modern societies. The course challenges the students to examine their preconceptions about what it means to be women and men in modern societies, develops an understanding of cultural influences on women's and men's development, deepens their insights into the nature of women's and men's roles in society, and explores the future of gender roles and personal options.
(Offered alternate fall terms)
*Required prerequisite: SB 130
Introduction to Sociology.*

SB 234 Social Psychology 3 credits (AS)

This course introduces students to the social approach in the discipline of Psychology. The course focuses on how the presence of other people influences one's behavior and mental processes. Topics investigated include: Social Cognition, Social Influence and Social Relations. Students will learn basic issues and methodologies prevalent in Social Psychology. They will also evaluate social problems and examine their own beliefs and behaviors from a Social Psychology perspective. (Offered annually)
*Required prerequisite: SB 120
Introduction to Psychology or SB 130
Introduction to Sociology.*

SB 250
Cultural Geography
3 credits (AS)

The purpose of this class is to provide an introduction to the concepts of human geography. This will involve the study of population trends and migration patterns; cultural, and ethnic differences; economic activity and settlement patterns; and of human environment interactions.

Comprehensive map work is an integral part of the course.

(Offered on a rotating basis)

SB 260
Human Sexuality
3 credits (AS)

Human Sexuality is designed to help students better understand sexuality and sexual behavior in themselves and others. Emphasis is on the interrelationship of biology and psychology. The course examines a variety of social issues relevant to sexual attitudes and behaviors.

SB 265
Alcohol and Other Drugs
in Modern Society
3 credits (AS)

This course assists students in understanding the role and impact of alcohol and other drugs in today's society. Topics included are historical and societal trends, political and economic issues of treatment, the nature of addictions, their effects on the family, and prevention and intervention methods. (Offered annually)

*Required prerequisite: SB 120
Introduction to Psychology or SB 130
Introduction to Sociology.*

SB 268
Community Psychology
and Social Change
3 credits (AS)

This course examines how communities function and change through social and environmental factors. The changing roles

of psychologists in community-oriented work and the development and evaluation of programs for the elimination of a variety of problems in living are discussed.

*Required prerequisite: SB 110
Introduction to Anthropology, SB 120
Introduction to Psychology or SB 130
Introduction to Sociology.*

SB 285
Liberal Studies Internship
3 credits (CS)

The Liberal Studies internship is an elective course that gives Liberal Studies students the opportunity to test career options related to their Liberal Studies area of study. The internship includes a set of preliminary class meetings on professional conduct and their connections to liberal arts study. Seminars accompany the internships to allow for exchange of information about students' internship experiences. The College makes final arrangements for the internship placement and provides transportation when possible. This course does not satisfy General Education or distribution requirements in the SB area.

(Offered fall and spring terms)
Required prerequisites: A minimum grade of "C" in EN 101 and CM 121 plus sophomore status and permission of instructor.

SB 301/HG 301
Models of Society
3 credits (AS)

In this interdisciplinary course, students analyze and apply theoretical models drawn from the social sciences including, but not limited to, geography, economics, history, and political science. Initially, students develop an understanding of the various aspects of geography and how geography is used to analyze important historic, geographic, economic, and environmental issues; develop an understanding of economic concepts and systems and how the principles of

economic decision-making impacts economic systems throughout the world; and develop an understanding of political systems and examine the differing assumptions held by people regarding power and authority. Models are then examined that seek to explain significant social issues or topics such as the impact of residential segregation on American society, generational politics, or economic development strategies for the Third World. (Offered alternate years)

Recommended prerequisite: SB 110 Introduction to Anthropology or SB 130 Introduction to Sociology.

SB 311 **Contemporary Ethnic Families** **3 credits (AS)**

This course examines the manner by which race, class, and ethnicity affect family functioning styles in relation to a number of societal institutions. Students will be exposed to an overview of the uniquely diverse mixture of backgrounds found in American family life, and will examine their own ethno-cultural backgrounds to determine its impact on life experiences and choices. Students will also consider practical issues of applying the knowledge of ethno-cultural factors to their particular major.

(Offered spring term)

Required prerequisite:

SB 110 Introduction to Anthropology or SB 130 Introduction to Sociology or SB 120 Introduction to Psychology or SB 201 Multicultural Contributions.

SB 322 **Psychology Applied to Organizational Behavior** **3 credits (AS)**

This course explores the complexity of behavior within organizational settings and helps students develop the social interaction abilities necessary for professional success. Specific areas of focus

include group dynamics, inter-group relations, interview skills, familiarity with testing in industry, organizational communication, person-machine interactions and effective styles of leadership.

Required prerequisite: SB 120

Introduction to Psychology or SB 130

Introduction to Sociology.

SB 323 **Abnormal Psychology** **3 credits (AS)**

An introduction to the issues and problems associated with defining, understanding, and relating to maladaptive behavior. The major schools of thought and systems of classifying abnormal behavior are presented and discussed. Questions relating to diagnosis, treatment, and research are raised and societal issues concerning maladaptive behavior are examined. (Offered fall term)

Required prerequisite: SB 120

Introduction to Psychology.

SB 324 **Childhood Disorders** **3 credits (AS)**

This course will consider basic issues in the etiology, diagnosis, and treatment of common behavioral disorders and developmental deviation. Topics included are antisocial behavior, hyperactivity, autism, mental retardation, and specific learning disabilities. Students will examine possible short-term and long-term consequences of these disorders for both the child and his/her family.

Required prerequisites: SB 120

Introduction to Psychology and SB 121

Child Psychology or SB 122 Adolescent Psychology.

SB 325 **Educational Psychology** **3 credits (AS)**

This is a study of psychological principles and research as applied to classroom

organization, teaching, learning and the various psychological tests used in the school setting.

Required prerequisite: SB 120

Introduction to Psychology; recommended prerequisite: SB 234 Social Psychology.

SB 326

Personality Theories

3 credits (AS)

This course will provide an overview of the nature of personality theory as well as comprehensive summaries of specific theories of personality. Works of Freud, Adler, Jung, Horney, Sullivan, Fromm, and others will be considered. Students will examine theories concerning the nature and development of human personality and the factors producing integration or disorientation. This course will also examine personality dynamics in relationship to stress, frustration, and conflict.

(Offered spring term)

Required prerequisite: SB 120

Introduction to Psychology

SB 327

Brain and Behavior

3 credits (CS)

The known universe's most amazing organ, the brain, is explored in this course. Specifically, its role in lower-level functions to sustain basic drives and upper-level functions to enable thinking, speaking, and perceiving is considered.

(Offered spring term)

Prerequisite: SM 112 Cellular and Organismal Biology

SB 329

Women and Culture

3 credits (AS)

This course will look at crucial aspects of the role of women in selected global societies, including the United States. Using an interdisciplinary approach, changes in social roles and expectations of women in more traditional societies will be compared with women in newly and

advanced industrialized countries.

Students will have the opportunity to research gender issues in a particular culture or country of their choice.

(Offered on a rotating basis)

Prerequisites: EN 101, EN201 and CM 121.

SB 330

Sensation and Perception

3 credits (AS)

How do we see and hear? How does the brain make sense of all the sensory inputs it gets to produce the rich perceptual world you experience? Through lectures, in-class demonstrations, and discussions, we will learn how the anatomy and physiology of the eye and ear (and related parts of the brain) allow us to understand speech, perceive color, see motion and depth, and even recognize faces.

Prerequisite: SB 120

SB 333

Human Rights and Genocide

3 credits (AS)

This course will examine the United Nation's Universal Declaration of Human Rights. It will then consider violations of human rights in the form of genocidal atrocities. This course is designed to introduce students to the major debates surrounding the study of genocide: how should genocide be defined? Is genocide primarily an international crime belonging to courts and tribunals or is it macro-social event, comparable to a social revolution? What are the major theories explaining genocide and how effective are these theories? Is every case unique or do all the cases demonstrate consistent patterns? Finally, how might genocide be prevented? This course will focus on the Sudan, the Holocaust, Rwanda, Cambodia, the former Yugoslavia, and the experience of Native Americans in this country.

(Offered on a rotating basis)

Prerequisites: EN101 and EN201 and one SB or HG course or permission of the instructor

SB 335 **Comparative Social Institutions in the United States**

3 credits (AS)

Students examine the key social and cultural institutions in the United States today: family, religion, education, politics, and the economy. These institutions are examined in terms of historical origins, underlying values, current functions and possible future evolution. The course includes an analysis of how individuals participate in American society through these social institutions. The experiences of selected subcultures are also examined. (Offered fall term)

Recommended prerequisite: SB 110 Introduction to Anthropology, or SB 130 Introduction to Sociology.

SB 336 **Social Welfare Policies**

3 credits (AS)

The purpose of this course is to introduce students to the theories and methods used to analyze the policies of American social welfare. Students will focus on various social welfare programs, such as income maintenance and employment, the American health care system, child welfare policy, housing policies and others. Students will learn about the development of policy, the relationship between social problems and social policy, and ideologies that affect policy decision-making. (Offered spring term)

Recommended prerequisite: SB 335 Comparative Social Institutions in the United States.

SB 341 **Learning**

3 credits (CS)

This course is a thorough introduction to the major theories of learning. As well as touching upon the work of Pavlov, Thorndike, Hull, Skinner, Tolman, and others, the course will cover such specific

topics as habituation, classical conditioning, instrumental conditioning, stimulus control, aversive control, schedules of reinforcement, choice behavior, learning set, rule learning, place learning, and observational learning. The course will also stress practical applications of these principles (e.g. token economies, systematic desensitization, etc.).

Prerequisite: SB 120 Introduction to Psychology

SB 355 **Criminology and Delinquency**

3 credits (AS)

An examination of crime and delinquency causation. Topics include the extent of, types of, and societal reactions to crime and delinquency. This course will review the problems in measuring the incidence of crime and delinquency.

Required prerequisites: SB 120 Introduction to Psychology, SB 130 Introduction to Sociology, CJ 151 Introduction to Criminal Justice Functions and Processes, and SB 231 Social Problems.

SB 360 **Environment and Behavior**

3 credits (AS)

This is an empirical and research-based study of the relation of the physical environment to psychological processes and interpersonal behavior. Topic areas include privacy, territoriality, crowding, environmental stress, environmental design in organizational settings, and the psychology of architecture. The course considers research strategies and findings on the behavioral and attitudinal aspects of living and working environments.

Recommended prerequisites: SB 110 Introduction to Anthropology, SB 120 Introduction to Psychology or SB 130 Introduction to Sociology.

SB 361

Death, Dying and Bereavement **3 credits (AS)**

The course examines psychological, social, and biological conceptualizations and consequences of dying, death and grief in contemporary society, with a special emphasis on examining one's own feelings and attitudes towards death.

SB 364

Cognition **3 credits (AS)**

This course is an advanced introduction into the study of mental representations and processes. The topics covered will include perception, attention, memory, language, concept formation, and decision-making. As well as covering relevant theories and research findings, the course will relate course content to real world applications.

Prerequisite: SB 120 Introduction to Psychology.

SB 365

Drugs and Human Behavior **3 credits (AS)**

This course deals with the history, mechanisms of action, short- and long-term effects, side effects, and uses and abuses of drugs that affect behavior. The drugs considered are alcohol, major and minor tranquilizers, antidepressants and stimulants, including cocaine, amphetamines and other drugs of abuse.

Required prerequisite: SB 120 Introduction to Psychology.

SB 375

Methods of Inquiry **3 credits (AS)**

This course is designed to increase the student's understanding of the research process and to enable the student to effectively evaluate research in his/her chosen field of study. The overall objective is to assist the student in developing the

multi-faceted skills necessary to become an effective consumer of research. The study is directed toward teaching the student how to evaluate rather than conduct research studies. These evaluation skills prepare the student to respond to research presented in journals, professional interaction and the daily communication of information in today's society. (Offered annually)

Recommended prerequisites: SM 161 College Algebra or SM 261 Statistics or equivalent course.

SB 377

Research Methods: Psychology **3 credits (AS)**

This class is designed to give students first-hand experience with empirical data. Students will gain knowledge of scientific methodology and gain experience in organizing and interpreting observations from psychological experiments. They will also gain experience in writing research reports and APA style. The course includes introductory lectures on experimental design, the performance of several research projects, the analyses of these projects using SPSS, and the preparation of research reports. *Prerequisite: SB 120, SM261,*

SB 380

Contemporary Slavery in the World **3 credits (AS)**

For thousands of years people have been enslaved. Ancient Egypt, ancient Greece, and the Roman and Inca Empires all made slavery an integral part of their social systems. What many do not realize is that slavery exists in many parts of the world today. This course will address the present day issues of slavery, including the new forms that it has taken. It will look at the research into slaves, work being done to abolish it, and various case studies of existing slavery. (Offered on a rotating basis)

Prerequisites: Academic Writing I and II and one SB or HG course or permission of the instructor.

SB 385 **Internship I** **6 credits (CS)**

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities. (Offered annually)

Required prerequisites: CM 301 Communications Forms and Techniques, SB 234 Social Psychology, and HU 361 Commitment and Choice.

SB 401 **World Cultures and Societies** **3 credits (AS)**

Selected societies are presented as unique entities with their own values and histories. Broad cultural and contemporary global issues are related to the cultures under consideration. Possible topics include cultural change and survival; colonialism and decolonialism; ideologies and belief systems; gender, class, and race and ethnic relations; social institutions, including the family, education, government and politics, and economy; rural and urban life; and international relations.

Required prerequisites: SB 130 Introduction to Sociology or SB 110 Introduction to Anthropology.

SB 425 **Psychology of Advertising** **3 credits (AS)**

The role of mass media and effects of advertising on cultural value systems are examined. Behavioral, psychological and

physiological reactions in consumer behavior are explored. The course focuses on understanding the impact of media and advertising on both the individual and on society.

Required prerequisite: SB 120 Introduction to Psychology or SB 130 Introduction to Sociology.

SB 430 **Social Theory** **3 credits (AS)**

Social Theory is a course designed to expose students to the historical evolution of modern social science as well as to introduce some of the issues that are prominent in the social sciences today. Noted social philosophers and early social scientists will be discussed. Although some of the material may have been read previously, it will be read and analyzed through the lens of a social scientist. At the same time students will be reading contemporary material that focuses on the broader questions of society.

(Offered on a rotating basis)
Prerequisite: Minimum of four SB/HG courses or permission of the instructor

SB 436 **Class, Status and Power** **3 credits (AS)**

This course examines prominent views of social stratification using a social-issues perspective and focuses primarily on contemporary American issues and events. Topics include an interdisciplinary examination of social stratification; characteristics such as race, gender, and ethnicity that often determine social stratification; and its impact on individuals and American society. International case studies of social stratification are also analyzed.

(Offered alternate years in the fall)
Recommended prerequisites: Two SB or HG courses.

SB 485
Internship II
3 credits (CS)

Internships consist of off-campus field work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities.

(Offered fall and spring terms)

Required prerequisite: SB 385 Internship I.

SB 489
Independent Professional Study
3 credits (CS)

This course may take a variety of forms: studio, portfolio, research project, or intense reading and a major paper. Characterized by a mentor or preceptor relationship, the course places significant demand on the student's capacity for independent critical thought.

SB 495
Social Change and Social Planning
3 credits (AS)

Students study how to identify and implement necessary changes in social institutions. This course concentrates on planning and strategy in the development processes of social organizations, including private corporations, public institutions, and national economies, at different levels of scale and complexity.

Required prerequisites: SB 130 or SB 110.

SB 498
Capstone II
Theory: History and Systems
3 credits (AS)

A comprehensive examination of the history and growth of psychology as an experimental and applied science from the 1850's to the present. The course examines the development of psychology within the context of the social, cultural, and scientific history of the Western world. Prerequisite: SB 120, SB 326, and senior standing.

SB 499
Capstone I – Applied: Senior Project
3 credits (AS)

In the Capstone Seminar students focus on specific academic projects that both integrate the knowledge and skills from their previous course work and prepare them for the next stage of their professional development. The course stresses written, oral, and visual communication; pragmatic problem-solving skills; setting and achieving specific goals; teamwork; and self-assessment. Each year at least one section of the Capstone Seminar will be devoted to individual research and creative projects, and one to team-based projects. Additional sections of either format may be offered based on need, student interest, and availability. (Offered fall and spring terms)

Prerequisite: CM 301 Communication Forms and Techniques, SB 375 Methods of Inquiry or HG 375 Historical Methods. Student must be eligible for graduation at the end of the term in which seminar is taken.

Science and Mathematics

SM 100

Fundamentals of College Mathematics

3 non-degree credits

This course prepares students for SM161 or SM163 by introducing them to the operations and properties of the real number system, algebraic expressions, and solving equations. Applications are stressed throughout the course. This course provides three college credits which are factored into the GPA.

However, these credits are taken in addition to the total credit requirements of the student's major program. Placement is based upon an entrance mathematics test. Students are required to complete this course before matriculation into their second year at the College. Students who fail this course twice will be dismissed from the College. (Offered annually)

SM 111

Evolution, Ecology and Genetics

4 credits (AS)

The major topics included are plant and animal ecology, population biology, evolution, and genetics. Environmental and evolutionary relationships are emphasized. Laboratory and field work are integrated with class material and incorporate experimental design, data gathering techniques, demonstrations, and computer simulations. Three lectures and a lab every week. Fulfills the lab science requirement. (Offered annually)

SM 112

Cellular and Organismal Biology

4 credits (AS)

Cellular biology, energy transformations, animal behavior, and the physiological

systems of animals and plants are studied. Systems include digestion and nutrition, circulation, respiration, defense, nervous and endocrine. The laboratory is integrated with class material, and incorporates experimental design, student demonstrations, observations, and computer simulations. Fulfills the lab science requirement. (Offered annually)

SM 116

Physical Science

4 credits (AS)

Physical Science is an introduction to various disciplines of science, namely Physics - the science of matter and energy, Chemistry - the science of matter and change, Astronomy - the science of the universe beyond our planet, and Geology - the science of Earth and its history. The basic laws that govern Physics and Chemistry can also be applied to Astronomy and Geology. The history of development of these laws adds to the perspective of how scientific knowledge has evolved through the course of human history and how science influences our lives and how it can be used in the future. (Offered fall term)

Prerequisite: SM 161 College Algebra or equivalent.

SM 121

General Chemistry I

4 credits (AS)

A study of matter and its transformation. Topics studied are atomic structure, stoichiometry, chemical equations, balancing redox equations, and chemical bonding. The laboratory emphasis is on the techniques of quantitative analysis. Three lectures and a laboratory session every week. (Offered fall term)

Required prerequisite: SM 161 College Algebra or equivalent and one year of high school chemistry.

SM 122

General Chemistry II

4 credits (AS)

A continuation of SM 121 General Chemistry I with emphasis on more advanced aspects of chemistry. Topics studied are molecular structure and covalent bonding theories, gases, liquids, solids, chemical and ionic equilibrium, acid-bases, and electrochemistry. The laboratory component includes molecular models, physical measurements, acid-base chemistry, redox titrations, some semi-micro qualitative analysis and a research project. Three lectures and lab every week. Fulfills the lab science requirement. (Offered annually)

Required prerequisite: SM 121 General Chemistry I.

SM 140

Environmental Science

4 credits (AS)

The impact of human activity on the environment is discussed within the context of basic ecological principles. Topics include energy, population biology, resource management and pollution. Lecture/discussion material is combined with field work conducted at local natural areas. Fulfills the lab science requirement. (Offered annually)

SM 161

College Algebra

3 credits (AS)

This course features basic algebraic and logarithmic concepts necessary to prepare students for pre-calculus and statistics. Topics include algebraic fundamentals; rational expressions; exponents and radicals; linear, quadratic, polynomial, rational, logarithmic and exponential functions; introduction to function inverses; system of equations; matrices. Applications are stressed throughout. (Offered fall and spring terms)

Prerequisite: SM 099 or equivalent through placement testing or permission of the instructor.

SM 163

Contemporary Mathematics

3 credits (AS)

Developed to provide a practical alternative to traditional mathematics. The emphasis will be on utility and applications to contemporary mathematical problems. Topics investigated will be drawn from management science; mathematics of social choice; size, shape and symmetry; and methods of data collection and description. Applications are stressed throughout.

(Offered fall and spring terms)

Prerequisite: SM 099 or equivalent through placement testing or permission of the instructor

SM 165

Pre-Calculus

3 credits (AS)

Designed to provide students with a thorough understanding of the mathematical concepts and skills needed as prerequisite for Calculus I. Emphasis is on developing mathematical reasoning and graphical visualization skills, thus helping students understand how the mathematical concepts can be applied to solve real world problems. Topics studied include graphs, functions, exponential and logarithmic functions, trigonometric functions, and matrices.

(Offered fall and spring term)

Required prerequisite: SM 161 College Algebra.

SM 215

Equine Anatomy and Physiology

4 credits (CS/AS)

The course familiarizes the student with the skeletal structure, musculature and internal systems of the horse, including the nervous, circulatory, respiratory, digestive, integumentary, special senses and reproductive systems. The structure includes three lectures and one laboratory session every week. This course fulfills the lab science requirement in the general

education core. (Offered fall term)
Prerequisite: SM 112 General Biology II.

SM 219 **Aquatic Biology** **4 credits (AS)**

The physical and biological aspects of aquatic ecosystems are investigated. Topics include the types of major fresh-water habitats (ponds, lakes, rivers, bogs and swamps) and the physiological and behavioral adaptations of animals and plants in each of these habitats. The laboratory portion consists of field trips to various habitats, analysis of the physical factors, and determination of species present. Three lectures and a lab every week. Fulfills the lab science requirement.
Required prerequisites: SM 111 Biology I or SM 112 Biology II.

SM 221 **Organic Chemistry I** **4 credits**

This class focuses on a study of carbon-containing compounds upon which living things are based. It deals with the structure, bonding and reactivity of compounds that contain mainly carbon and hydrogen. Emphasis is placed on understanding relationships between molecular structure and properties and on designing syntheses of organic compounds. The use of spectroscopy in determining the molecular structure will be included as well. The laboratory provides hands-on experience with the tools and techniques of organic chemistry. Fulfills the lab science requirement. (Offered upon need)
Prerequisite: SM 121 and SM 122

SM 222 **Organic Chemistry II** **4 credits**

This course is a continuation of Organic Chemistry I with emphasis on monofunctional and polyfunctional organic compounds and multi-step methods of synthesis. There are three lectures and a

lab every week. Fulfills the lab science requirement. (Offered upon need)
Prerequisite: SM 221

SM 224 **General Zoology** **4 credits (AS)**

This course is a survey of the animal kingdom, covering major invertebrate and vertebrate groups. Emphasis is placed on structural and functional relationships related to development and physiology. Lab exercises compare these relationships among diverse taxonomic groups. Fulfills the lab science requirement.

SM 250/350 **Service Learning** **1-2 credits (AS)**

An added component to any of several specified courses (Field Natural History, Environmental Science, Aquatic Biology, Environmental Interpretation, and Field Botany), this class provides students with public outreach experience while reinforcing concepts learned in these courses. A contractual agreement between the instructor and student(s) will outline the objectives of the project and the credits to be received at the completion of the project. May be repeated for credit if associated with a different topic.
Prerequisite: Be taking one of the courses and permission of the instructor.

SM 261 **Statistics** **3 credits (AS)**

Designed for students interested in social, behavioral and natural sciences, business, and economics. Topics include descriptive statistics; counting methods; probability and probability distributions including binomial, normal, Poisson, and t-distributions; estimation; hypothesis testing; chi-square applications; linear regression and correlation. Technology will include the use of statistical software and will be introduced through workshops.
Prerequisite: SM 161 or SM 165 ("C")

grade or better strongly recommended)
or permission of the instructor.

SM 265
Calculus I
3 credits (AS)

Relations and functions, inequalities, limits and continuity, derivatives and applications. Introduction to integration. (Offered annually)
Required prerequisite: SM 165 Pre-Calculus or equivalent

SM 266
Calculus II
3 credits (AS)

A continuation of SM 265 Calculus I. Definite and indefinite integrals, the law of the mean, techniques and applications of integration, differentiation and integration of logarithmic, exponential and trigonometric functions. (Offered annually)
Required prerequisite: SM 265 Calculus I

SM 301
Scientific and Technological Literacy
3 credits (AS)

Students examine the methods of science, the differences between science and pseudoscience, major scientific and technological advances, and the controversies and risks associated with these advances in the context of society and our environment. Does not fulfill the lab science requirement. (Offered annually)

SM 306
Field Natural History
4 credits (AS)

Field natural history is the study of organisms in their natural environments. In this class, students will explore the fields, forests and waterways of Central New York through lectures, readings, discussions and laboratories. The student will develop identification and observation skills as well as experience in using digital video equipment and the computer

programs associated with this technology. There are three lectures and a lab every week. Fulfills the lab science requirement. (Offered alternate years)

SM 314
Field Botany
4 credits (AS)

This course focuses on field recognition of individual plants and on the ecological structure of botanical communities of Central New York. Emphasis is on identification and ecology of the plants, herbarium preservation as a means of maintaining a record of local flora, and experience using digital video equipment and the computer programs associated with it. There are three lectures and a lab every week. Fulfills the lab science requirement.
Recommended prerequisites: SM 111 or SM 112

SM 315
Genetics
4 credits (AS)

This course is an introduction to classical genetics, modern developments and evolutionary trends in genetics. Major contemporary problems of importance to a student's general education are considered. The laboratory is integrated with classroom topics and incorporates DNA techniques, computer simulations, recitation/discussions and demonstrations using living organisms. There are three lectures and a lab every week. Fulfills the lab science requirement.
Prerequisite: SM 111 Evolution, Ecology, and Genetics.

SM 372
Junior Research
1 credit (AS)

This is part of a linked set of courses with senior research and senior capstone. In this first course, students focus on developing a specific topic to research either in the field, laboratory or library as part of their senior research. By the end of the

semester, the students will produce a formal research proposal for approval by the Environmental Studies faculty.

Prerequisite: Junior standing in the ES program.

SM 385 **Internship I** **3-6 credits (CS)**

Internships consist of off-campus field-work based on a learning contract signed by the student, agency supervisor and faculty director. The student participates in internship seminar meetings and an annual group presentation of internship experiences. A written evaluation of the experience is required of the student and agency. The student develops a final report that synthesizes the internship and academic activities. (Offered annually)

Pre- or co-requisite CM 301

Communications Forms and Techniques

SM 396 **Scientific Inquiry** **3 credits (AS)**

Students gain intensive practical experience in all aspects of the process of scientific inquiry, including collection of primary and secondary literature and synthesis of relevant information from this literature, development of testable hypotheses, appropriate design and implementation of experiments, data analysis and presentation, scientific writing, and the peer-reviewed publication process. Students become familiar with strengths and weaknesses of important forms of scientific communication, including peer-reviewed primary research and review articles, conference presentations (oral and poster), grant proposals and Web sites. Additional topics include the history of scientific inquiry, ethical conduct of scientists, funding sources, and communicating with public audiences. (Offered annually)

Prerequisites: One year of SM laboratory science courses or permission of the instructor.

SM 441 **Seeds of Change** **3 credits (AS)**

Students explore the biological and cultural exchanges between the new and old worlds during the 500 years since the onset of European exploration of Americas. Discussion of early Native American cultures in the New World is followed by investigation of the changes resulting from the introduction of animals, crops and diseases. The cultural changes paralleling biological exchange are covered as well.

SM 470 **Environmental Interpretation** **4 credits (AS)**

Building on concepts learned in the core of the Environmental Biology Concentration of the Environmental Studies program, this course integrates these concepts with the practical approach of communicating and interpreting nature for the general public. We will further our knowledge of the inhabitants of local environments while designing and implementing environmental exhibits for the college and/or community in the form of slide presentations, informational leaflets, exhibits, and interpretive programs.

Prerequisites: Field Natural History and junior/senior standing.

SM 472 **Senior Research** **2-3 credits (AS)**

Students conduct the research on their project and meet regularly to present and discuss progress reports. By the end of the course, students will produce a final project report. The credits and project will be outlined via a contractual agreement between the student(s) and instructor(s) at the beginning of the course.

Prerequisites: Junior Research or permission of the instructor.

SM 495
Environmental Issues and Public Policy
3 credits (AS)

Students investigate the infrastructure that supports scientific research and development, policy decision-making that determines the direction of scientific inquiry, and problems that emerge from applied technologies. Issues may include medicine and biological sciences, information systems, space policy, and environmental issues such as population, energy and pollution.

Required prerequisite: SM 301 Scientific and Technological Literacy.

SM 499
Capstone Seminar
3 credits (AS)

In the Capstone Seminar students focus on specific academic projects that both integrate the knowledge and skills from their previous course work and prepare them for the next stage of their professional development. The course stresses written, oral, and visual communication; pragmatic problem-solving skills; setting and achieving specific goals; teamwork; and self-assessment. Each year at least one section of the Capstone Seminar will be devoted to individual research and creative projects, and one to team-based projects. Additional sections of either format may be offered based on need, student interest, and availability.

Recommended prerequisite: student eligible for graduation at end of term in which seminar is taken.

Visual Communications

VC 118

Computers for Designers/Artists
3 credits (CS)

This course is an introduction to the understanding, use, and care of computers as a design tool. It emphasizes important technical computer concepts that are central to the creative digital designer/artist, while considering aesthetics and the principles of design within the digital environment. Students will experience and develop working knowledge of the Macintosh computer labs at Cazenovia College in order to better function as a student and future professional. Some competencies that will be addressed include basic computer terminology, the major components of a system, how to work with files and folders, how to access programs, and rules for the care and basic troubleshooting of a system. Topics will include interactive and print production techniques, pre-press file preparation, digital file organization, utility applications, setting up and installing peripherals and drivers, choosing the right type of software, new media, and font organization. This course is intended to provide students with the competencies needed for digitally based design courses.

VC 140
Typography
3 credits (CS)

This course promotes problem-solving concepts emphasizing the use of the letterform as a visual communication tool. Concepts and terminology of typography are studied from the earliest development of the alphabet to today's electronically generated type. The student becomes familiar with the evolution of letter forms and style differences. Technical procedures such as type specifications, comping headlines, indicating body copy and type measurements are covered extensively.

Students are expected to handle typographic design problems while becoming proficient in the use of technical studio equipment.

VC 174 **Digital Design I** **3 credits (CS)**

This course provides an introduction to a number of software packages as appropriate tools for the graphic designer. Current industry standard computer applications such as QuarkXpress, Adobe Illustrator and PhotoShop will be used by students for developing skills and knowledge of page layout, file management, digital spot and process color, printing, scanning, basic image manipulation and importing graphics. These applications will be used for problem-solving and visual communication. Projects will combine these digital print media techniques with basic design skills and teach how software programs interact with one another. A thorough familiarization of the capabilities of each software package will emerge.

Recommended prerequisite: VC 140 Typography.

VC 232 **Illustration** **3 credits (CS)**

Students explore the field of illustration by experimenting with a variety of media. Emphasis is on content and execution with a conceptual approach to narrative problem-solving, resulting in effective communication to a mass audience. Both practical and philosophical issues are covered in relation to the assignments. Projects include book, advertising and editorial illustration, in an effort to develop a personal style and highly developed pieces for a portfolio. (Offered fall term)

Recommended prerequisite: SA 111 Drawing I.

VC 241 **Advertising Design** **3 credits (CS)**

Students are required to apply the skills and principles that they have acquired in design, typography, and production courses to specific advertising design projects. Creative skills focus on the combination of images and type and the use of popular imagery to develop a visual language of persuasion. This course requires students to research products and services they are designing advertising for and present comprehensive layouts to clients for mass communication. (Offered spring term)

Prerequisite: VC 140 Typography.

VC 242 **Graphic Design** **3 credits (CS)**

This course offers a systematic approach to concept development and the problem-solving process as they relate to graphic design. Students explore the synthesis of words and images in relation to design principles for a deeper understanding of visual communications. Emphasis is placed on how information is communicated and the ways in which typography and image combine to make meaningful and useful messages that are clearly understandable, stylistically beautiful, functional and memorable. (Offered fall term)

Recommend prerequisite: SA 131 Design I and VC 140 Typography

VC 274 **Digital Design II** **3 credits (CS)**

This course is designed as a continuation of skills acquired in Digital Design I. Advanced page design and image manipulation along with pre-press, color separations and color output, file transfer and an introduction to a basic web component will be included. Students will continue to work on portfolio development and visual communication projects using digital media. (Offered fall term)

Recommended prerequisites: VC 140 Typography and VC 174 Digital Design I, or by special permission of the instructor.

VC 288 **3D Graphic Design** **3 credits (CS)**

This course offers the students the opportunity to progress from determining 2D design solutions to planning, analyzing, and evaluating solutions for 3D graphic design problems. It requires students to create handmade 3D prototypes that emphasize 3D Graphic Design theories while practicing principles and elements of design relating to packaging and display design, digital design, construction, and brand identity. A history of packaging, regulations for packaging, designing brand labeling, and point of purchase design and construction are topics that will be explored. *Required prerequisite: Design I.*

VC 293 **Professional** **Workshop/Portfolio** **Preparation** **3 credits (CS)**

Topics relating to the business of art are covered, including legal issues, contracts, prices, copyrights, and billing. The student assembles his/her portfolio and evaluates work to be included in it. Survival skills are also covered, ensuring a smoother transition from school to the work place. Guest speakers are featured from a variety of businesses that use artists. (Offered spring term)

Prerequisite: Completion of the core career courses in Visual Communications.

VC 301 **Special Topics** **3 credits (CS)**

This rotation of courses covers the intensive investigation of a specific issue or aspect of Visual Communication. Possible topics include: Corporate Identity, Global Design, Package Design, 3-D Design, Type

in Motion, Contemporary Field Research, Digital Pre-press and Production and Agency Art Direction. (Offered fall and spring terms)

VC 311 **Advanced Illustration I** **3 credits (CS)**

Building on skills acquired in the previous illustration courses, this course focuses on the painterly approach to illustration. Students will concentrate on newspaper, book, and magazine work producing professional-looking paintings in color that are suitable for reproduction in a publication. (Offered fall term)

Required prerequisite: non-Visual Communications students need the permission of the instructor.

VC 312 **Advanced Illustration II** **3 credits (CS)**

The emphasis is on full color and advanced drawing techniques. Students explore concepts such as elements of graphic design, union of word and picture, and sequential art.

(Offered spring term)

Required prerequisite: non-Visual Communications students need the permission of the instructor.

VC 331 **Advanced Graphic Design** **3 credits (CS)**

This course involves advanced creative problem-solving for the communication of ideas that interest, inform or persuade targeted audiences. Students synthesize typography, image and graphic elements to create messages with a strong emphasis on formal design values. Through client contact and design-production-printing experiences, the student develops professionally produced material for a portfolio. (Offered spring term)

Prerequisite: VC 242 Graphic Design and VC 174 Digital Design I

VC 371

Digital Illustration

3 credits (CS)

This course brings to focus the creation, use, and versatility of computer-drawn images and type as a means to translate and interpret objects and environments into visual forms for communication. An overview of several software packages is presented to investigate, synthesize, and describe and narrate.

(Offered spring term)

Prerequisite: VC 274 *Digital Design II*

VC 374

Digital Design III

3 credits (CS)

This course will introduce non-linear, interactive, time-based software packages such as After Effects and Director as they are applied to the visual communication industry. Projects will focus on visual aesthetics and the interaction between time-based media and print media.

Students must have advanced skills in PhotoShop, QuarkXpress and Illustrator. (Offered fall term)

Required prerequisite: VC 174 *Digital Design I* and VC 274 *Digital Design II*.

VC 375

Designing for the Web

3 credits (CS)

This course introduces the basic issues involved in creating a Web site. Students learn principles of screen-based design, how to use information architecture to create content, essential web software and computer technology, design principles as they pertain to the web, and how to publish a site. Emphasis is on important concepts central to the construction of a successful Web site such as the role of dynamic content and non-linear navigation. (Offered annually)

Required prerequisite: VC 274 *Digital Design II*

VC 384

Visual Communications

Internship I

3 credits (CS)

Students begin their careers in a professional work environment while earning credit. Internships consist of off-campus fieldwork based on a learning contract signed by the student, agency supervisor and faculty sponsor. An orientation session is required prior to fieldwork. Work is supervised by the program fieldwork director and the faculty adviser. A written evaluation of the experience is required of the student and agency. The student develops a written document that synthesizes the internship and academic activities. (Offered spring term)

Prerequisite: Residency requirement of one semester and junior status.

VC 484

Visual Communications

Internship II

3 credits (CS)

Students begin their careers in a professional work environment while earning credit. Internships consist of off-campus fieldwork based on a learning contract signed by the student, agency supervisor and faculty sponsor. An orientation session is required prior to fieldwork. Work is supervised by the program fieldwork director and the faculty adviser. A written evaluation of the experience is required of the student and agency. The student develops a written document that synthesizes the internship and academic activities. (Offered fall term)

Prerequisite: Residency requirement of one semester and junior status.

VC 493

Professional Workshop/

Portfolio Preparation

3 credits (CS)

Students build and refine their portfolios to a professional level in preparation for career placement. They explore employ-

ment opportunities, examine career goals, and write and design their resumes and self-promotional packages. Students explore the business side of their profession by learning how to develop professional relationships; understand contracts and other business documents; negotiate and estimate fees; start, manage, and market a business; address ethical and legal issues and present their portfolio. (Offered spring term)

Prerequisite: Completion of core courses in Visual Communications.

VC 498 Senior Project 3 credits (CS)

This is the first term of a linked two-term capstone course in Visual Communications. Students propose and initiate work on a major creative project and a related research paper that link together students' academic experiences and their professional goals. Over the course of the semester, each student meets with an active professional from the field of Visual Communications. This professional contact provides valuable and appropriate feedback for the student toward his/her work and career plans. (Offered fall term)

VC 499 Senior Seminar 3 credits (CS)

This is the culminating term of a linked two-term capstone course in Visual Communications. Students complete work on a major creative project and a related research paper that link together students' academic experiences and their professional goals. During the final weeks of the course, each student has an oral defense in which he or she presents the year's work to a committee of faculty and professionals. Over the course of the semester, each student meets with an active professional from the field of Visual Communications. This professional contact provides valuable and appropriate feedback for the student toward his/her work and career plans. (Offered spring term)

Required prerequisite: VC 498 Senior Project.