



Not every course listed is taught every semester, or every year. The number to the right indicates credits earned. The College reserves the right not to offer any course for which there is not a sufficient number of students enrolled. If a course has a corequisite (course that must be taken simultaneously) or a prerequisite, that requirement will be listed in the course description. Lab fees are also indicated in the description should such a fee apply.

ACCOUNTING

ACCT 101 Financial Accounting I 3 crs

An introduction to the accounting environment and the basic concepts of the accounting model. In addition, the student learns how to record and analyze business transactions, the adjustment process, worksheets, closing entries, accounting for merchandise, Internal Control, accounting system design, cash, receivables, property, plant and equipment.

ACCT 102 Financial Accounting II 3 crs

Introduces the student to liabilities, payroll accounting, concepts and principles, corporation accounting, bonds, cash flow and ratio analysis. In addition, the student receives an exposure to basic management accounting concepts. Prerequisite: ACCT 101.

ACCT 200 Managerial Accounting 3 crs

This introduction to the managerial applications of accounting information emphasizes volume-cost-profit analysis, budgeting and control, performance and evaluation. Course objectives are to develop the analytical and quantitative skills necessary to making sound business decisions. Prerequisite: ACCT 102 or ACCT 103.

ACCT 201 Intermediate Accounting I 3 crs

Intermediate Accounting I introduces the student to Financial Accounting standards, generally accepted accounting principles and the accounting information system. Specific emphasis is placed on such topics as the income statement, the balance sheet, the statement of cash flow, ratios, time value of money, cash, receivables and the valuation of inventory. Prerequisites: ACCT 101, ACCT 102 and ACCT 200.

ACCT 202 Intermediate Accounting II 3 crs

This course is a continuation of Intermediate Accounting I. Specifically, topics such as inventory valuation addition issues, acquisition and disposition of plant assets, depreciation, intangible assets such as patents, copyrights, goodwill, current and long-term liabilities and corporation accounting are thoroughly discussed. Prerequisite: ACCT 201.

ACCT 203 Taxation 3 crs

Taxation introduces the student to the elements of the individual income tax return. Specific focus is placed on the topics of gross income inclusions and exclusions, business expenses, retirement plans, self-employment and employee expenses, itemized deductions, credits and capital gains and losses. Prerequisites: ACCT 101 and ACCT 102.

ART

ART 101* Introduction to Visual Art 3 crs

An introduction to ways of seeing and discussing art from around the world, including examples of painting, sculpture, prints, photography, architecture and other historical and contemporary media. Designed to develop an understanding of the form and expression of works of art. Fulfills general education arts elective requirement.

BIOLOGY

BIO 151* General Biology – The Cell 4 crs

An introduction to molecular biology, cell structure and function, cellular respiration, photosynthesis and genetics. The course begins with an introduction to the basic chemical principles necessary to understand their applications to the biological topics covered. Emphasis is given particularly to topics related to current health, nutrition, genetics, and biotechnology. Three lectures and a two-hour laboratory per week. Must be concurrently enrolled in lab. Lab Fee: \$75. Fulfills general education lab science elective requirement.

BIO 152* General Biology – Organism 4 crs

Covers such topics as theories of the origin of life and evolution, reproduction, behavior, natural history, food-borne and infectious disease organisms, ecology and classification of organisms. Students will participate in a major dissection as part of the required laboratory sessions. Three lectures and a two-hour laboratory per week. Must be concurrently enrolled in lab. Lab Fee: \$75. Fulfills general education lab science elective requirement.

BIO 171* Human Anatomy and Physiology I 4 crs

A study of the structure and function of the human body with emphasis on the integumentary, skeletal, muscular, nervous and endocrine systems. Laboratory exercises include anatomical dissection. Three lectures and a two-hour lab per week. Must be concurrently enrolled in lab. Lab Fee: \$75. Offered every semester. Fulfills general education lab science elective requirement.

BIO 172* Human Anatomy and Physiology II 4 crs

This course covers the endocrine, digestive, respiratory, circulatory, immune, excretory and reproductive systems of the human body. Laboratory exercises include anatomical dissection. Three lectures and a two-hour lab per week. Must be concurrently enrolled in lab. Lab Fee: \$75. Prerequisite: C- or better in BIO 171 or permission of the Department Chair. Fulfills general education lab science elective requirement.

BIO 183* Ecology 4 crs

Introduces basic ecological principles, including the interrelationships of living organisms with their living and nonliving environment. Ecological issues in the areas of human population, human health and maintenance of global diversity are examined. Three lectures and a two-hour laboratory per week. Must be concurrently enrolled in lab. Lab Fee: \$75. Fulfills general education lab science elective requirement.

BIO 211* Microbiology 4 crs

Introduces the principles of general bacteriology, morphology, physiology and bacterial relationships in nature. Students gain experience in laboratory methods for the cultivation of bacteria and their destruction as well as for general laboratory procedures. Three lectures and a two-hour laboratory per week. Prerequisites: BIO 171 or BIO 151. Lab Fee: \$75. Fulfills general education lab science elective requirement.

BUSINESS

BUS 121 Entrepreneurship I 3 crs

Analyzes the environment and management of the firm, including management philosophy and functions, roads to business ownership, legal considerations in starting a business, locating a business, provision of physical facilities, the danger of small business failure, and the entrepreneur and his/her qualifications. Prerequisite: BUS 123 or permission of Department Chair.

BUS 123 Introduction to Business 3 crs

Students are acquainted with the role of business in our society, and survey the forms of business ownership, organizational structure, management styles, management functions, financial management and labor relations.

BUS 131 Principles of Management 3 crs

Students will understand the importance of management in business today. Through their readings and assignments, they will learn the value of planning. Students will gain an understanding of corporate cultures, organizational structures, and the importance of using the right measures in evaluating the performance of an organization. Finally, the student will gain an understanding of leadership and its importance in contemporary businesses. Prerequisite: BUS 123 or permission of Department Chair.

BUS 133 Principles of Marketing 3 crs

A basic study of the distribution of goods and services is developed in detail. Marketing institutions and their processes in retail and wholesale distribution are considered along with a study of pricing policies and governmental controls. The decision-making process is illustrated by the use of case studies. Prerequisite: BUS 123 or permission of Department Chair.

BUS 141 Principles of Human Resource Management 3 crs

This course is designed to enable students to understand the key role that proactive, informed and committed human resource management can and should play in helping organizations achieve their tactical and strategic goals. The full scope of human resource activities is examined including: employee relations, safety and wellness, HR information systems (HRIS), and HR audit systems.



COURSE DESCRIPTIONS

BUS 231 Legal Environment of Business 3 crs

Creates an awareness of the business person's legal duties and responsibilities regarding ethics and interaction with government agencies, other businesses, individuals and society. Law of contracts and sales will be studied in detail in the context of Uniform Commercial Code. Practical case studies are used throughout the course.

BUS 241 Statistics 3 crs

Emphasis is placed upon the use of statistical methods as scientific tools in the analysis of practical business and economic problems. The student acquires the techniques of graphic presentation, analysis of data, probability theory, sampling, estimating and hypothesis testing.

BUS 245 The Diverse Workforce 3 crs

This course concentrates on the multiple effects of the changing demographics, technology, globalization and the diversity of our new workforce. There will be particular emphasis on the skills required to effectively manage this new diverse workforce.

BUS 246 Benefits and Compensation 3 crs

This course explores every aspect of a variety of benefit and compensation packages. Specific emphasis will be placed on retirement pension plans, disability, and group insurance, as well as training and employment services.

BUS 247 Legal Issues in Human Resource 3 crs

This course examines the laws and regulations affecting the American labor force. It also examines the basic employment concerns from the perspective of both the employer and employee. Issues such as health and safety, opportunity, hours of work and minimum wage are covered. Current court rulings and cases are studied as they relate to individuals and firms in the workforce setting.

BUS 248 Staffing and Recruitment 3 crs

This course covers the fundamentals of recruitment, selection and placement techniques. This includes topics such as employee testing, drug testing, handwriting analysis and interviewing techniques.

BUS 337 Organizational Behavior 3 crs

The purpose of this course is to examine human behavior in organizations at the individual and group levels including the effect of organization structure on behavior. Specific attention will be placed on the use of OB concepts for developing and improving interpersonal skills. Prerequisite: An introductory course in the discipline (SOC 113, BUS 123, PSY 111) and junior standing, or permission of the instructor and the Department Chair. This course is also cross-listed as PSY 337 and SOC 337.

CHEMISTRY

CHM 151* General Chemistry I 4 crs

An introduction to the fundamental principles of chemistry. The nature and types of chemical reactions and the mass and energy relationships accompanying chemical changes will be emphasized. The laboratory emphasizes basic techniques in quantitative and qualitative analysis. Three lectures and a two-hour laboratory per week. Prerequisite: MTH 151 or placement above MTH 151 on the Math assessment test. Lab Fee: \$75. Offered every fall semester. Fulfills general education lab science elective requirement.

CHM 152* General Chemistry II 4 crs

Equilibrium, kinetics and electrochemistry are the primary focus of this course. The laboratory emphasizes basic techniques in quantitative and qualitative analysis. Three lectures and a two-hour laboratory per week. Prerequisite: CHM 151. Lab Fee: \$75. Offered every spring semester. Fulfills general education lab science elective requirement.

COMMUNICATIONS

COM 121 Introduction to Mass Media 3 crs

An introduction to the broadcast, film and print media. An examination of the background, organization, current influence and future trends, stressing the education, cultural, and propagandizing powers exerted by the mass media. Offered every semester. Fulfills general education arts elective requirement.

COMPUTERS

CIS 103 Microcomputer Applications 3 crs

This course is designed to provide students with an understanding of how technology is utilized as a tool in a business environment. Students have hands-on experience working with the Internet and Microsoft Office. Students will develop competencies in information literacy in addition to competencies in word processing (Word), spreadsheets (Excel) and presentation graphics (PowerPoint). The focus in the course is on gathering, processing and presenting information in a professional business manner using the Office applications. Lab Fee: \$30.

CIS 150 Information Technology 3 crs

Utilizing substantial group work, this course introduces students to the development and application of technology in modern business organizations. Students will apply information literacy competencies by learning to search for special topics/projects using multiple search engines, work productively in a team setting, research the technology marketplace and be able to identify the best components needed for computers and business. Students will also learn database management systems using Microsoft Access, networking and other technologies through course readings, case studies and group projects. Competencies to be developed include understanding, applying, and evaluating technology that is designed to define, acquire, organize and present information that supports business operations and performance. The course serves as the foundation for other Business Technology courses. Prerequisite: CIS 103, placement by the computer assessment, or permission of instructor. Lab Fee: \$30.

CIS 154 Microcomputer Architecture 3 crs

This course provides a broad technical description of computer hardware and system software. It is designed to provide a broad, integrated foundation of technical knowledge for systems design, system implementation, hardware and software procurement, and computing resource management by information systems personnel. Students will learn to solve technical problems alone and in other cases gain a sufficient knowledge to effectively communicate with technical specialists. Prerequisite: CIS 150. Lab Fee: \$30.

CIS 162 Local Area Networks 3 crs

This course will provide the student with an introduction to local area networks (LANs). Students will explore various networking topologies and demonstrate an understanding of LAN design, media (wire/wireless), protocols, standards, network devices, software and hardware configuration and network operating systems. Prerequisite: CIS 150. Lab Fee: \$30.

CIS 215 Web Content Development 3 crs

This course introduces concepts for designing and developing web content for intranets, extranets, and the World Wide Web. Students will learn how to deploy and integrate Microsoft Office applications in a web-based environment. Microsoft FrontPage will be used to develop theme-based web sites including interactive forms and discussion forums. Students will develop competencies with image editing software and deploying graphic-based java applets on the Web. These objectives are satisfied through hands-on teaching, class discussions, and projects.

CIS 216 Programming Fundamentals Using Visual Basic.Net 3 crs

This course provides students with the basic fundamentals of object-oriented programming. Students apply knowledge in the design and coding of programming using the Windows programming language Visual Basic.net. Topics covered include structured programming fundamentals and techniques, graphic design methodologies, coding and testing to solve a variety of business problems. The course will be devoted to designing, writing, debugging, testing and documenting a variety of programs appropriate for the Visual Basic.net language. Prerequisite: CIS 103, placement by the computer assessment, or permission of instructor. Lab Fee: \$30.

CIS 254 Business Applications 3 crs

Using a case study format, this course provides students with information literacy and application skills to effectively make technology decisions and solve business problems in a hands-on lab environment. Using the Microsoft Office® software, students will develop intermediate competency skills in Word, Excel, Access and PowerPoint. Business functions include mail/merge, preparing publications, using conditional formulas, creating macros, creating relational tables, using advanced queries and integrating the work from one application with another. These skills would be required to develop and support Office applications to automate work in a business environment. Prerequisite: CIS 150 or permission of instructor, BUS 123 strongly recommended. Lab Fee: \$30.



ECONOMICS

ECO 111* Principles of Economics – Macro 3 crs

Emphasis is on an analytical study of the forces responsible for determining the level of output, employment and income. Techniques for directing those forces into the desired directions of full employment, stable prices, increased standards of living, and a favorable balance of payment positions are examined and evaluated. Special attention is given to the business cycle, theories of growth and development, techniques of national income accounting and the role of government. *Fulfills general education social science elective requirement.*

ECO 112* Principles of Economics – Micro 3 crs

Emphasis is on an analytical study of forces responsible for determining the level and composition of consumer demand, output of the firm and the supply and demand of factor inputs. It is concerned with the determinants of the prices of goods, labor, capital and land. Careful attention is paid to the economics of pollution, the theory and practice of international trade with special emphasis on current international economic problems. *Fulfills general education social science elective requirement.*

EDUCATION

EDU 103 Foundations of Education 3 crs

This foundation course focuses on historical, philosophical and socio-economic influences on current educational classroom practices. Upon successful completion of this course, the student will have a foundation for understanding the history of education in the United States, various philosophical models of teaching, aspects of quality education, child development theories, the impact of contemporary challenges on education, as well as the educator's role and responsibilities. This course is designed to introduce the student to the professional practice of education.

EDU 111 Introduction to Early Childhood Education 3 crs

Through discussion and observation, students will explore: the history of early childhood education and its influences on current classroom practices; various philosophical models; aspects of quality in early childhood programs; strategies for observation; the role of play in children's learning; planning of integrated curriculum; professional development of the early childhood teacher; and basic overview of the development of young children.

EDU 114 Infants & Toddlers Care and Curriculum: 3 crs

This course focuses on the care and teaching of infants and toddlers in group settings. The developmental characteristics of children from birth to 2.5 years of age will be the basis for planning appropriate learning experiences, organizing the physical environment and recognizing the importance of interpersonal relationships.

EDU 116 Issues and Policies in Early Childhood Programs 3 crs

This course explores the history and development of day care, the various types of child care and what defines quality child care for children from birth to school age. Emphasis is placed on curriculum; physical, temporal, and personal environments and licensing and regulation of child care in this country. The course also explores parental concerns and child advocacy issues. In addition, analysis of legislation and the politics of child care are explored, along with the structure of government funding for child care. Students will take part in activities that celebrate the "Week of the Young Child."

EDU 130 Classroom Behavior Management 3 crs

This course is designed to recognize both the teacher's need to maintain basic classroom control and the young child's need for self-expression in a safe, accepting environment. Students will learn ways to modify behavior that foster self-esteem and self-control in children as well as their caretakers.

EDU 231 Curriculum for Young Children 3 crs

This course is designed to provide the student with a developmental approach to early childhood education programming, stressing the value of active learning and open-ended experiences in all areas of the curriculum. The interrelation of each area of the curriculum in the total learning experience is stressed, with particular emphasis on art, music, movement, mathematical thinking, literacy, dramatics, woodworking and science. Prospective teachers develop techniques of planning, implementing and evaluating child-centered opportunities for daily programming and techniques for extending children's individual learning. Lecture and workshop methods are used to equip the student with ideas to take back to the classroom. Prerequisite: EDU 251, PSY 211 or permission of the instructor.

EDU 251 Child Growth and Development 3 crs

This course pursues the principles of child growth and development, as well as factors that influence the growth process from birth to age 12. Particular emphasis is given to application of theory to children's behavior based on the study of their physical, social-emotional and cognitive development. Observations and participation at the Dean College Children's Center will offer the student the opportunity to link theory to classroom practice.

EDU 255 Developmental Play 3 crs

This course focuses on children's intellectual and social development through play and the importance of play in the early childhood years. Students will study the influences of culture, gender, family, peer relationships and the supportive play environment at each developmental stage from Infancy through Preschool/Kindergarten. Observations of children will be a key component of the course as students record children's developmental play and link it to theory. Prerequisite: EDU 251.

EDU 261 The Special Needs Child 3 crs

This course is designed to help those who will be working with the special needs child in a regular classroom or special education setting. Students will study physical, cognitive and behavioral developmental problems in young children and will learn management techniques to aid them in mainstreaming these youngsters. Special attention will be given to community resources for the teacher and effective ways of working with parents. Prerequisite: EDU 251, PSY 211 or permission of instructor.

EDU 265 Health, Safety and Nutrition for Young Children 3 crs

This course explores current concepts in health, safety and nutrition for young children. It focuses on creating and maintaining safe and healthy environments, sharing knowledge of proper nutrition, and fostering the overall well-being of young children.

EDU 271 Administration of Early Childhood Education Programs 3 crs

This course focuses on the management responsibilities of an administrator in various types of early childhood education programs. Included will be program evaluation, emphasis on federal and state licensing regulations, budgeting of time and finances and the interrelationships of staff, home and community. Prerequisites: EDU 103 or EDU 111 or permission from instructor.

EDU 280 Seminar for Field Observation and Participation 1 cr

Opportunities to take part in the program at Dean College Children's Center will be supplemented in this course by the seminar group discussions as well as individual conferences and evaluations of field participation performance. Observations, records of behavior, individual case studies, and supervised participation activities will be discussed during weekly seminar sessions. Seminars are for one hour and field participation is for 3.5 hours per week. Prerequisite: C- or better in EDU 103 or EDU 111; C- or better in EDU 251 or PSY 211; C- or better in EDU 231; and permission of Program Director. Students must be concurrently enrolled in EDU 281.

EDU 281 Lab for Field Observation & Participation 2 crs

Students have an opportunity to participate at Dean College Children's Center in the classroom with young children. Students will begin planning, implementing and evaluating open-ended opportunities for the children under close supervision of the classroom teachers and instructing supervisors. Field Placement must be taken after or concurrently with EDU 231. Field participation is for 3.5 hours per week and must be taken concurrently with the one-hour per week seminar, EDU 280.

EDU 282 Seminar in Early Childhood Education Practicum 1 cr

Student Teaching Practicum opportunities at Dean College Children's Center will be supplemented by the seminar group discussions as well as individual conferences and evaluations of practicum performance. Observations, records of behavior, opportunity lesson plans and daily participation in the program will be discussed during weekly seminar sessions. Seminars are for one hour and practicum is for 14 hours per week. Prerequisite: C- or better in EDU 280, EDU 281, and approval of Program Director. Students must be concurrently enrolled in EDU 283.

EDU 283 Lab for Practicum in Early Childhood Education 5 crs

Student teaching assignments at the campus preschool, Dean College Children's Center, will give the career student an experience to actively participate in the day-to-day program. Students will be absorbed in planning, implementing and evaluating opportunities for the young children in their placement, as well as take part in parent meetings, finding appropriate resources, collecting anecdotes on children and taking over the head teacher's role on student teacher planning



COURSE DESCRIPTIONS

days. This course provides in-depth classroom experience with increasing responsibilities. Frequent supervision from the faculty supervisor and individual conferences with teachers will give constant feedback as to the student's effectiveness in the classroom. Upon completion of this practicum, students will meet the requirements for Teacher Certification from OCCS. Student Teaching Practicum is for 14 hours per week and must be taken concurrently with the one-hour per week practicum seminar, EDU 282.

ENGLISH

ENG 111 Composition 3 crs

This course develops the student's ability to think clearly and write effectively. Classroom sessions focus on concept development, organization of ideas and techniques for writing college essays, critical analysis of text and process writing. Instruction in the following essay models are emphasized in all sections: introductory essay emphasizing the writing process, two expository essays incorporating a combination of rhetorical modes, documented research essay and reflective/revision essay. Two papers from this course are selected for every student's permanent college writing file. Placement by SAT or ACT scores, optional English Department Essay Placement Process, or successful completion of ENG 097 with a C- or higher. Fulfills core requirement.

ENG 112 Composition and Literature 3 crs

Readings in poetry, drama, the novel and the short story introduce the student to literary genres and provide a basis for discussion and analysis. The student learns to recognize and respond to basic literary techniques and devices, and to utilize the insights gained in the development of expository prose writing. Writing assignments include extensive exercises in advanced expository essays. Prerequisite: ENG 111. Fulfills core requirement.

ENG 231* American Literature to 1860 3 crs

This course studies major writers and literary movements from the early years of discovery to the Civil War, emphasizing the emergence of American landscape, character and theme. The course will include such writers as Bradstreet, Edwards, Franklin, Jefferson, Poe, Bryant, Emerson, Thoreau, Hawthorne, Melville and other voices. Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 232* American Literature from 1860 3 crs

This course studies major American writers and literary movements from the Civil War through the aftermath of World War II, emphasizing both changing and enduring values in American literary and intellectual thought as expressed through the works of such writers as Whitman, Dickinson, Twain, Crane, Jewett, Cather, James, "The Lost Generation," Frost, Hughes and others. Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 255* Modern British and American Literature 3 crs

Readings in this course will examine the rise and development of Modernism and its impact on the individual and society. Students will read the works of such 20th century writers as Josef Conrad, Ernest Hemingway, T.S. Eliot, F. Scott Fitzgerald and Robert Frost in order to develop an appreciation for the depth of adventure and the breadth of imagination of American and British literary expression in the first decades of the 20th century. Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 260* Introduction to Poetry 3 crs

A course in understanding and appreciating poetry. Students learn to recognize the many elements and uses of language and forms that create a successful poem. Students also work, through reading and writing assignments, toward a better appreciation of the deep beauty, awakening insights and universal themes found through the experience of poetry... "The woods are lovely, dark and deep...." Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 265* Cinema: Films from Literature 3 crs

With its long and complex history, and ever-evolving interaction between the printed word and the visual image, the nature of what happens to literature in the hand of filmmakers cannot be reduced to such commonplace statements as "the book is always better than the movie." We will explore a selection of the major critical frameworks for viewing the exchange between literature and film, focusing on genre connections between the fictional worlds of Dashiell Hammett and James M. Cain, the theatrical world of David Mamet, and the cinematic world of film noir in the first phase. In the second phase, we will take a look at theatrical biography and the biopic, independent filmmaking and cultural/mythic intentions. Finally, students will compare levels of adaptation by looking at a classic short story in the hands of a master film director. Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 285* Introduction to Short Story 3 crs

One of the most enduring pleasures of life is a well-told story. Students will work toward analyzing, understanding and enjoying the power and beauty of the short story form. Students will read a variety of authors to illustrate short story structure, themes and character types. Authors such as Poe, Hawthorne, Chopin, Hemingway, Anderson, Oates and more contemporary writers will be included. Prerequisite: ENG 112 or permission of instructor. Fulfills general education literature elective requirement.

ENG 295* Children's Literature 3 crs

This course surveys children's literature in the age-range preschool through 4th grade, including picture storybooks, books to begin on, folktales, poetry, fantasy fiction, realistic fiction, historical fiction, biography and informational non-fiction. Emphasis is placed on selection criteria, literary criteria and literary appreciation. Several children's novels are included. The textbook is about children's literature, while outside and reserved reading brings students to actual children's books. Assignments cover reading about literature, analyzing children's books, creative writing and projects, and composing a final book project. Prerequisite: ENG 111 or permission of instructor. Fulfills general education literature elective requirement.

GEOGRAPHY

GEO 111* World Geography 3 crs

Designed to give the student a broader perspective and a more informed appreciation of the various regions and countries of the world. The student will also become familiar with the language and terminology of geography and the use of maps. The physical, historical, cultural, economic and political aspects of regions and countries will be examined from the perspectives of these fields of geography. Fulfills general education social science elective requirement.

HEALTH SCIENCES

HSCI 201 Introduction to Nursing 4 crs

This introductory seminar exposes students to the discipline of nursing from its historical roots through current status and future trends. It introduces students considering a nursing career to the philosophy and concepts of baccalaureate education in nursing. The relationship between nursing and non-nursing courses is considered in the development of the professional nurse. Roles of the professional nurse are examined with regard to theory, research and practice as well as professional, social, legal and political issues. Prerequisite: This course is open to sophomore level students in the Health Sciences major only.

HISTORY

HIS 111* US History to 1877 3 crs

This course surveys the social, economic and political developments in American history from European colonization to the American Civil War and Reconstruction. In addition to these subjects, considered topics include the American Revolution and Constitution, Jacksonian democracy, the market revolution and the sectional conflict. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

HIS 112* US History – 1877 to Present 3 crs

This course surveys the social, economic and political developments in American history from Reconstruction to the conclusion of World War II. In addition to these subjects, considered topics include war and settlement in the West, economic and urban development, reform in the Progressive and New Deal eras, and the rise of American imperialism and World War I. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

HIS 113* Contemporary United States History 3 crs

This course surveys the social, economic and political developments in American history from the end of World War II to the present. Topics of study include the causes and culture of the Cold War, the social and political upheavals of the 1960s, the Vietnam War and its aftermath, economic and political reform in the Reagan era, and domestic and international instability in the post-Cold War years. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

HIS 151* History of World Civilizations I, to 1500 3 crs

This course is devoted to the study of early human social development up to the era of globalization in the 1500s. Main themes include the rise of cities and trade, empire building, cultural exchange, religion and philosophy, and technological



development. Much of the course focuses on the Mediterranean societies from the first cultures in Mesopotamia to Christian and Islamic dominance in Europe in the 1400s. Comparative regions include East Asia (China), Sub-Saharan Africa, and the Americas. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

HIS 152* History of World Civilizations II, 1500 -1920 3 crs

This course is devoted to the study of human civilizations from globalization in the 16th century to the end of World War I. In addition to global contact and exchange, the course emphasizes the rise of industrialized Europe and its satellites (e.g., the United States) as world powers. Western developments in science, industry and political ideologies are studied to understand the relative rise of European power and the decline of the Chinese and Ottoman empires. The widespread upheaval and reorganization caused by World War I concludes the course. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

HIS 153* Europe and the World, 1920 to Present 3 crs

This course studies internal developments in Europe as well as Europeans' changing role in international affairs after World War I. Subjects include the aftermath of World War I and the rise of fascism, World War II, the Cold War conflict between democratic capitalism and Soviet-style communism, social upheaval and anti-colonialism in the 1960s, the fall of the Soviet Union and the expansion of the European Union and NATO after 1989. Students will encounter primary historical materials as well as scholarly accounts of the past. Lecture and discussion. Fulfills general education history elective requirement.

MATHEMATICS

MTH 121* Algebra Essentials 3 crs

This course introduces the student to algebraic essentials necessary in college algebra. Topics include variable expressions, linear equations and graphs, polynomials, factoring, polynomial equations, rational expressions, and systems of linear equations. Prerequisite: C- or better in MTH 099, permission of Department Chair or placement by math assessment. Fulfills general education math elective requirement.

MTH 125* Mathematics for Liberal Arts 3 crs

This course explores various topics chosen to develop a sense of the nature, beauty and utility of math. The process of mathematical thinking (inductive, deductive and algorithmic) is emphasized. Ideas explored will be chosen from the following areas: set theory (with venn diagrams), logic and proof, systems and numbers, groups and fields, probability, statistics (including the normal curve), various base systems and the history of numeration. Prerequisite: C- or better in MTH 117 or MTH 121, placement by math assessment exam or permission of Department Chair. Two years of high school math recommended. Fulfills general education math elective requirement.

MTH 130* Introductory Statistics 3 crs

Topics include descriptive statistics, measures of central tendency and dispersion, probability rules and probability distributions, the central limit theorem and simple hypothesis testing. Application to real-world problems is stressed throughout the course. Prerequisite: C- or better in MTH 117 or MTH 121, placement by math assessment exam or permission of Department Chair. Fulfills general education math elective requirement.

MTH 151* College Algebra 3 crs

This college-level algebra course is a gateway to the study of higher mathematics. It is also useful preparation for courses with quantitative content. Topics include: polynomials, rational expressions, radicals and exponents, linear and polynomial functions, function theory and graphing, and systems of linear equations. Prerequisites: A grade of a C- or better in MTH 117 or MTH 121, placement by math assessment exam or permission of Department Chair. Fulfills general education math elective requirement.

MTH 238* Quantitative Analysis I 3 crs

This course is designed to cover the mathematics concepts needed to understand and solve business problems. After a review of algebra, other topics include linear functions and graphs, systems of linear equations, matrices, inequalities, linear programming, and mathematics or finance. Applications to business and economics problems are stressed through the course. Prerequisite: C- or better in MTH 151, permission of Department Chair or placement by math assessment. Fulfills general education math elective requirement.

MTH 239* Quantitative Analysis II 3 crs

Designed to introduce students to various quantitative techniques used in management, this course emphasizes the practical use of calculus in the solution of relevant business and economics problems. The material is technique-oriented rather than theory-oriented. Topics covered include nonlinear functions, differentiation, integration, optimization techniques and applications. Prerequisite: C- or better in MTH 238, placement by math assessment exam or permission of Department Chair. Fulfills general education math elective requirement.

PHILOSOPHY

PHL 101* Introduction to Philosophy 3 crs

This course is an introduction to philosophical analysis through consideration of questions regarding the relation of mind and body, the ways of knowing facts and ideas through scientific value theories and through the study of social sciences, aesthetics, ethics and natural sciences, and questions regarding the meaning of life. A survey of philosophical thinking of these questions and their present relevance to the natural and social sciences and personal decision making is emphasized through the reading of philosophical essays and literature and group discussion. Fulfills general education philosophy/religion elective requirement.

PHL 115* Ethics 3 crs

This course introduces students to the academic discipline of moral philosophy by examining its central questions, including: What is the nature of good and evil; of right and wrong; of freedom and responsibility? Can morality be objectively quantified? Can any given action be declared either a right or an obligatory act? What systems of moral decision making bring enlightenment to the investigation of ethics? This course will approach these topics historically and philosophically with the use of classic and contemporary writings, student discussions, and case studies in current moral dilemmas including controversial choices in medical ethics, the impact of technology on freedom and responsibility, actions of civil disobedience or of war, and ethics in the work place. Fulfills general education philosophy/religion elective requirement.

PHL 120* Business Ethics 3 crs

The purpose of this course is to introduce students to the subject of ethics and how ethics finds particular application in the field of business. We will briefly discuss the following ethical views: Cognitivism vs. Non-Cognitivism; Utilitarianism; Deontology; Egoism; and Virtue Ethics. These views will then be applied to the following business related topics: corporate responsibility; employee responsibility; employer-employee relations; marketing; technology and privacy; and affirmative action, among others. Fulfills general education philosophy/religion elective requirement.

PHL 215* Comparative Religions 3 crs

This course is intended to introduce the student to the religions of the world with an emphasis on Hinduism, Buddhism, Islam, Judaism and Christianity. Through a systematic and objective investigation of the key beliefs, practices and cultural implications of each of these religions, the student will build a base of knowledge about the religions of the world, be able to compare their similarities and differences, and apply these insights to the personal journey of living in a diverse world. Fulfills general education philosophy/religion elective requirement.

PHYSICAL SCIENCE

PSC 181* Environmental Science 4 crs

This course provides essential background about the physical structures of Earth, including basic geology, ocean basin structure, plate tectonics, properties of water and soils. Current environmental issues affecting Earth's atmosphere, water, land and energy resources are examined. This course meets three hours weekly, plus a two-hour lab. Must be concurrently enrolled in lab. Lab Fee: \$75. Fulfills general education lab science elective requirement.

PSYCHOLOGY

PSY 111* General Psychology 3 crs

This course introduces students to the scientific discipline of psychology, providing a knowledge base for advanced coursework in the field. Topics include the history of psychology, research methods in psychology, contemporary paradigms in psychology, including the biological, behavioral, cognitive, psychodynamic and humanistic models; learning, brain and behavior; understanding psychological development over the lifespan; sensation and perception; and social psychology. Fulfills general education social science elective requirements.



COURSE DESCRIPTIONS

PSY 201* **Abnormal Psychology** **3 crs**

This course applies the discipline of psychology to the study of abnormal human behavior. Its nature, etiology and treatment options will be examined through the perspective of the biological, psychoanalytic, behavioral, cognitive, humanistic and systems paradigms. Topics include: the history of psychopathology; the role of the DSM-IV-TR in diagnosing disorders; the DSM-IV-TR classifications of disorders found in Axes I and II; and comparing/contrasting the strengths and weaknesses of diagnosis and treatment strategies from the major paradigms in psychopathology. Prerequisite: PSY 111. Fulfills general education social science elective requirements.

PSY 202* **Human Development: A Lifespan Perspective** **3crs**

This is a developmental psychology course with a focus on physical, cognitive, personality and social development through the stages of the life-cycle from birth to death: pre-natal; infancy; early childhood; middle childhood; adolescence; young adulthood; middle age; and late adulthood. Emphasis will be placed on the discovery of both the dynamic nature of human life (how people change through time) and the constancy of human life (what in people stays the same through time). Prerequisite: PSY 111. Fulfills general education social science elective requirements.

PSY 211* **Child Psychology** **3 crs**

This course investigates the discipline's insights into children as they develop biologically, cognitively, socially and emotionally from the prenatal period through the early years of adolescence. Prerequisite: PSY 111. Fulfills general education social science elective requirements.

PSY 230* **Cross-Cultural Psychology** **3 crs**

This course explores a recent focus in social psychology, the investigation of human cognition and behavior across cultures. Topics include: building a conceptual framework for cross-cultural psychology; understanding methods of cross-cultural research; examining cognition and behavior that is universal and cognition and behavior that is culture specific; understanding human development and education across cultures; and factors in cultural diversity including sex, gender, race, individualism and collectivism, intelligence, and acculturation. Prerequisite: PSY 111. Fulfills general education social science elective requirements.

PSY 234* **Educational Psychology** **3 crs**

This is a foundation course in educational psychology which engages the participants in a systematic study of students and teachers, and their interaction in classroom settings. Topics include: classic and contemporary theories of learning; the effect of physical, cognitive and socioemotional development upon learning; understanding the impact of diversity in intelligence, learning and teaching styles; and factors of motivation and management in the classroom. Prerequisite: PSY 111. Fulfills general education social science elective requirements.

PSY 241* **Adolescent Psychology** **3 crs**

This course investigates the discipline's insights into children as they develop biologically, cognitively, socially and emotionally during the adolescent years. Prerequisite: PSY 111. Fulfills general education social science elective requirements.

SOCIOLOGY

SOC 113* **Introduction to Sociology** **3 crs**

This course examines the influences of society and community upon human order and behavior. Among the areas covered are social stratification, culture, family, socialization, urbanization and sociological research methods. Fulfills general education social science elective requirements.

SOC 203* **Sociology of the Family** **3 crs**

This course examines the family as one of the most important social institutions of society. Topics such as religion and values, heritage, marriage, gender roles, children and the extended family will be studied and discussed. Prerequisite: SOC 113. Fulfills general education social science elective requirements.

SOC 215* **Sociology of Race and Ethnicity** **3 crs**

This course examines racial and ethnic minorities in the United States and other countries, including the different ways in which minority-dominant group and minority-minority group relations are created, structured and become institutionalized in society, and their patterns of social interaction. Included is an investigation of various explanations for the ways these relations work out in different societies and between groups. Specifically, the course emphasizes understanding the social, demographic, economic, political and historical forces that have resulted in the unique experiences of different groups of Americans. Prerequisite: SOC 113. Fulfills general education social science elective requirements.

SOC 217* **Sociology of Sex and Gender** **3 crs**

An introduction to a critical approach to examining the social construction of sex and gender. Topics include: analysis of sex/gender systems; perspectives on gender inequality; the role of social institutions such as family, economy, media in shaping multiple experiences of gender; and the characteristics of gender relations on society. Prerequisite: SOC 113. Fulfills general education social science elective requirements.

SOC 220* **Social Problems** **3 crs**

This course examines social problems from the individual, institutional and structural perspectives. Selected topics may include but are not limited to violence, poverty, white-collar crime and pollution. The impact of these issues on communities as well as on the quality of life in society will be examined. The areas of morality and values, normality and deviance, social control, social change, and social goals will be included. Prerequisite: SOC 113. Fulfills general education social science elective requirements.

SPEECH

SPC 111 **Public Speaking** **3 crs**

A fundamental approach to oral communication through study and presentation of various types of informative and persuasive speeches, group discussion and debate. Focus will be on effective research and organization of ideas to achieve specified purposes. Emphasis on audience analysis, listening, rhetorical structure of messages, ethics, presentation and critical analysis of speeches. Speeches are frequently videotaped to permit more comprehensive and immediate analysis of students' progress. Fulfills core requirement.

SPORT/FITNESS

SFL 130 **Lifeguard Training** **1 cr**

American Red Cross certification in lifeguard training and water safety techniques.