

Picture #
(Cintas Center with statue)

COURSE DESCRIPTIONS

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(ACCT) Accounting

Undergraduate Courses

- ACCT200 **Introductory Financial Acct** (3) A foundation course which provides an introduction to fundamental concepts and to financial statements.
- ACCT201 **Introductory Managerial Acct** (3) Identifying, measuring, analyzing, and interpreting accounting data that is used to support managerial decision-making. Pre-requisite: ACCT 200
- ACCT300 **Intermediate Financial Acct I** (3) Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting, and interpretation of selected economic events. The first of a two course sequence. Pre-requisite: ACCT 200-minimum grade of "C" ACCT 201-minimum grade of "C"
- ACCT301 **Intermediate Financial Acct II** (3) The second of a two course sequence focusing on the study of financial accounting theory and principles. Pre-requisite: ACCT 300-minimum grade of "C"
- ACCT303 **Co-Op Education/Accounting: JR** (3) An elective cooperative experience where students earn academic credit while performing approved accounting-related work experience. Pre-requisite: MGMT 301, 55 credit hours completed, 2.750 GPA, Department approval required
- ACCT311 **Introduction to Taxation** (4) An introduction to the tax implications of business formation, income and expenses, and distributions for Sole Proprietorships, C-corporations, Partnerships and S-corporations. This course includes compliance, planning, tax research and ethical issues. Pre-requisite: ACCT 200-minimum grade of "C"
- ACCT312 **Volunteer Income Tax Assistance** (3) A service learning course that includes additional study of federal and state income tax topics, marketing and administration of tax preparation services, and preparation of federal and state income tax returns for low income and elderly taxpayers. Pre-requisite: ACCT 311 or equivalent with grade of "C" or better
- ACCT321 **Cost Accounting** (3) The study of the process of measuring, interpreting, and communicating information that assists managers in achieving organizational goals. Pre-requisite: ACCT 200-minimum grade of "C" ACCT 201-minimum grade of "C"
- ACCT403 **Co-Op Education/Accounting: SR** (3) An elective cooperative experience where students earn academic credit while performing approved accounting-related work experience. Pre-requisite: MGMT 301, 55 credit hours completed, 2.750
- ACCT421 **Auditing** (3) An introduction to auditing concepts, standards and procedures related to the planning and execution of financial and operational audits. The course also includes topics of internal controls and professional ethics. Pre-requisite: ACCT
- ACCT431 **Advanced Financial Accounting** (3) Preparation of consolidated financial statements, accounting for foreign currency transactions, partnership accounting, and advanced financial reporting topics. Pre-requisite: ACCT 301
- ACCT495 **Analysis of Accounting Systems** (3) The primary focus of this course is illustration of how technology enables key accounting activities. A business process approach is used to illustrate how information flows through an organization and its affect on information system integration and internal control. Students learn how to document, use, evaluate and analyze enterprise based systems. Pre-requisite: ACCT

Graduate Courses

- ACCT701 **Financial Accounting** (3) The focus is on the concepts of collection, analysis, processing, and reporting of accounting data. Students will be able to read, comprehend and use published financial statements in a variety of decision-making contexts. Pre-requisite: Admission to the Executive MBA program

- ACCT703 **Managerial Accounting** (3) Integration of accounting into the management decision process is the central theme of this course. Consideration is given to behavioral as well as the technical implications of management control systems. The three types of management accounting constructions - Full cost, differential, and responsibility - and their uses are covered. Pre-requisite: ACCT 701, Admission to the Executive MBA
- ACCT803 **Accounting Concepts & Analysis** (3) A foundation course which emphasizes the preparation, analysis, and interpretation of accounting statements
- ACCT901 **Acct Analysis for Mgmt Decsn** (3) This course focuses on the development of accounting information to support planning, evaluation, and control. Applications to both routine and strategic decision making contexts are discussed
- ACCT902 **Survey of Taxation** (3) An introductory course which includes an examination of the fundamental concepts of the federal income tax structure and how these concepts affect tax reporting entities such as C-corporations, partnerships, S-corporations, and individuals. Pre-requisite: ACCT 803 or equivalent
- ACCT947 **Tax Research & Practice** (3) Tax research concerning regulations governing CPA's attorneys, statutes of limitations, rules of evidence, etc. Pre-requisite: ACCT 902 or equivalent
- ACCT948 **Taxation:Gifts, Estates,Trusts** (3) Tax laws of the Federal Gift Tax, Federal Death Tax, valuation of gifts, estates and trusts, family tax planning, and income planning of trusts and estates. Pre-requisite: ACCT 902 or equivalent
- ACCT955 **Advanced Managerial Accounting** (3) A study of Management planning and control systems and the decision making processes in different organizational structures. Pre-requisite: Acct 901, FINC 901
- ACCT958 **Advanced Auditing** (3) An extension of the auditing course which focuses on the application of auditing techniques. The course will address methods and technologies used in conducting an audit. Pre-requisite: ACCT 421 or

(ARTS) Art

Undergraduate Courses

- ARTS100 **Seminar: Freshman Art Majors** (1) The role of art in human life and society is examined through the investigation of historical and contemporary artists' writings and work with an emphasis on the students' own creative initiative, artistic growth and commitment. Co-requisite: ARTS 101
- ARTS101 **Two-Dimensional Design** (3) Fundamental aspects of two-dimensional design: object rendering, nature rendering, studies in perspective, black/white composition principles, material studies and introduction to color theory. For Art majors and minors only.
- ARTS102 **Drawing I** (3) A development of the fundamentals - concepts and skills - of drawing through a broad range of aesthetic expressions and multi-sensory exercises.
- ARTS103 **Painting I** (3) (ARTS203, ARTS303, ARTS403, ARTS503) An experience in totality through the language of form and color with the exploration of the material as primary concern using one of the following: oils, acrylics, watercolors and/or mixed media.
- ARTS104 **Printmaking I** (3) (ARTS204, ARTS304, ARTS404, ARTS504) An introduction to print media in one of the following areas: relief (i.e., collograph, woodcut, linoleum cut), lithography (stone and plate), intaglio, monotype, or screenprinting. Emphasis is on technical mastery alongside content development, edition printing, print suites, conceptual awareness, shop etiquette, and personal growth.
- ARTS105 **Three-Dimensional Design** (3) (ARTS505) In this studio course, students will learn about the elements and principles of three dimensional design, which will

- serve as an introduction to the study of three dimensional art forms. Students will be introduced to the basic design elements of form, space, volume, mass, weight, planes and surfaces, line texture, light and color. The design concepts of proportion, scale, balance, movement, rhythm/repetition, emphasis/dominance will also be included. Students will gain a working knowledge of structural patterns of form, linear and planar analysis of form, analysis of implied form, and of manipulative devices applied to form. For Art majors and minors only.
- ARTS106 **Fiber Arts I** (3) (ARTS206, ARTS306, ARTS406, ARTS506) This course offers an introduction to a variety of fiber techniques during the Fall and Spring semesters. The emphasis is on woven structures while stressing design concepts and aesthetic values. Off-loom fiber experiences include, but are not limited to: exploration of natural materials, coiling, Batik, handmade papermaking, silk paper, feltmaking, painting/designing on textstamping, stenciling, printing from nature, discharge dyeing and quilting. On-loom fiber experiences include, but are not limited to: pattern weaving, tapestry, double weave techniques, painted warp and weft weaving, and dyeing.
- ARTS107 **Sculpture I** (3) (ARTS207, ARTS307, ARTS407, ARTS507) This course will introduce students to the primary sculptural processes and materials, including basic wood and metal fabrication, modeling, mold making, and non-ferrous casting. Introduction to power tools and equipment as well as welding processes will be included. Pre-requisite: ARTS 105
- ARTS108 **Photography I** (3) (ARTS208, ARTS308, ARTS408, ARTS508) Photography I is an introduction to the art of shooting traditional black and white photography and modern SLR digital color photography. This course is also an introduction to the fine art of digital imaging as a practical and artistic enhancement to basic photography. Photography will be discussed as both a fine art form and a commercial art medium.
- ARTS109 **Ceramics I** (3) (ARTS209, ARTS309, ARTS409, ARTS509) Combining both theory and practice, an in-depth investigation of ceramic art, emphasizing handbuilding techniques, with a brief introduction to the potter's wheel. Clay and glaze mixing, and various kiln firing procedures are also explored, along with a historical overview.
- ARTS111 **The Art Experience** (3) An especially designed course to fulfill the university core fine art requirement which gives insight into the visual art experience. For non-Art majors only.
- ARTS112 **The Aesthetic Experience** (3) An especially designed course to fulfill the university core fine art requirement which gives insight into the aesthetic experience. For non-art majors only.
- ARTS116 **Designing on Silk** (3) This workshop offers artists, educators and interested individuals an opportunity to learn different methods of dyeing silk to create textile designs and art to wear. Surface design techniques will be utilized including, Batik, Low water immersion dyeing, Shibori, painting with dye and inks, stamping, quilting, and color removal. Students will be encouraged to explore individual interests to achieve a personal body of work. May be taken to fulfill Fine Arts requirement.
- ARTS126 **Creative Vessels** (3) This workshop is for anyone interested in exploring their creative spirit. Through exploration and experimentation with mixed-media sculpture, students will gather natural materials, found objects and use commercially made materials to create three-dimensional vessels. A variety of construction techniques will be taught, including weaving natural materials and reed, coiling, handmade silk paper, and wire. Surface design techniques, including drawing, painting, printing, dyeing, and color removal will be encouraged to further enhance a personal statement. May be taken to fulfill Fine Arts requirement.
- ARTS142 **Graphic Design I** (3) (ARTS242, ARTS342, ARTS442, ARTS542) An introduction to visual communication graphics and design with an emphasis on

- printed matter. Illustrative graphics, symbol/logo design, typography, lettering, layout principles/grid systems, camera-ready art and an introduction to computer technology are highlights of the course. Pre-requisite: ARTS 101
- ARTS152 **Illustration I** (3) This course offers an introduction to varied media, techniques and modes of illustration. Students work on a variety of projects including magazine and story illustration offering conceptual and technical challenges in media such as graphite, ink, colored pencil, pastel and acrylic or gouache paint. Emphasis is on manual techniques.
- ARTS202 **Drawing II** (3) (ARTS102, ARTS302, ARTS402, ARTS502) Anatomy. Primary focus is on compositional structures, real or invented, of the human skeleton, the figure (model is provided), and other natural images to establish an integrated personal vision at a level qualitatively beyond previous involvement in the field of drawing. Pre-requisite: ARTS 102
- ARTS203 **Painting II** (3) (ARTS103, ARTS303, ARTS403, ARTS503) Advanced studies in one of the following: oils, acrylics, watercolors and/or mixed media. Choice of medium may be different from ARTS 103. Appropriate experimentation with different structures and techniques is the primary concern. Student is expected to establish an integrated personal vision at a level qualitatively beyond previous involvement in the field of painting. Pre-requisite: ARTS 103
- ARTS204 **Printmaking II** (3) (ARTS104, ARTS304, ARTS404, ARTS504) The continuing investigation of an area begun in ARTS 104 with the potential to explore new print media. Students will achieve further technical experience (multi-color printing) while increasing their range of content, scale, and productivity. Student studio maintenance and materials preparation are stressed. Pre-requisite: ARTS 104
- ARTS205 **Figure Modeling** (3) Modeling in clay from the nude model. Developing observational skills, eye-hand coordination in modeling a complex three dimensional form. Strong life drawing component desirable. Study of the human body and anatomy. Mold making and casting in non-ferrous materials may be done with selected projects. Required for sculpture concentration. Pre-requisite: ARTS 107 or permission of instructor
- ARTS206 **Fiber Arts II** (3) (ARTS106, ARTS306, ARTS406, ARTS506) Students completing one introductory semester may register for this class to further explore fiber techniques. A student who has completed the off-loom semester may register for the on-loom fiber experience. A student who has completed the on-loom semester may register for the off-loom fiber experience. Pre-requisite: ARTS 106 or permission of instructor
- ARTS207 **Sculpture II** (3) (ARTS107, ARTS307, ARTS407, ARTS507) This course is comprised of advanced wood and metal fabrication, and casting processes. Power tools and equipment will be used in metal fabrication and construction, additive and subtractive wood processes, and various casting techniques. Pre-requisite: ARTS 107
- ARTS208 **Photography II** (3) (ARTS108, ARTS308, ARTS408, ARTS508) Photography II explores the intermediate techniques of exposure, development, and printing of small format black-and-white film print materials, with special emphasis on tonal control through the creative application of the Zone System. Emphasis is placed on aspects of design, composition, perception, and content in black-and-white photographs. Some intermediate alternative digital techniques and beginning aspects of studio lighting will be covered. Pre-requisite: ARTS 108
- ARTS209 **Ceramics II** (3) (ARTS109, ARTS309, ARTS409, ARTS509) A thorough investigation of the potter's wheel (throwing) as a clay forming process. Issues of form and function and their interrelationship are explored. Various kiln firing methods are included. Pre-requisite: ARTS 109
- ARTS213 **Incarnating Totem & Taboo** (3) A study which frames ethical questions concerning pragmatic issues in the making, collecting, curating, and viewing

- of visual art, and fulfilling the E/RS Focus elective. Pre-requisite: PHIL 100, THEO 111; Co-requisite: PHIL 100, THEO 111
- ARTS221 **Early & Middle Childhood Art** (3) (ARTS222, ARTS521, ARTS522) A comprehensive introduction to art education at the elementary school level employing both theory and practice. The creative and mental stages of development are emphasized. Course not open to Freshmen.
- ARTS222 **Art in Early Childhood Educ** (3) (ARTS522) Art production techniques, art appreciation, history and aesthetics. Active emphasis on age appropriate (3-8) art activities as well as the student's own artistic development.
- ARTS223 **Secondary School Art** (3) (ARTS523) A thorough investigation of the instructional techniques, resources and philosophies necessary in teaching art at the secondary level.
- ARTS242 **Graphic Design II** (3) (ARTS142, ARTS342, ARTS442) Solve visual communication problems while learning three electronic (computer) techniques (object oriented drawing, bitmapped painting, and electronic page assembly). Pre-requisite: ARTS 142
- ARTS252 **Illustration II** (3) This course is a continuation of concepts, modes, and skill development begun in Illustration I. Emphasis is on manual techniques with potential for incorporating digital media for publishing. The advanced illustration student has opportunity to tailor projects to their own individual career goals in illustration. Increased knowledge of illustration history will be required. Pre-requisite: ARTS 152
- ARTS270 **History of Art I** (3) A survey of art and architecture from its prehistoric beginnings through the Middle Ages.
- ARTS271 **History of Art II** (3) A survey of western art and architecture from the Renaissance to the present.
- ARTS272 **Art of the 20th Century** (3) A study of European and American art and architecture from about 1900 to the present.
- ARTS273 **History of American Art** (3) A study of art and architecture in America from the colonial period to the present with emphasis on significant styles originating in the 20th century.
- ARTS274 **Women, Art & Society** (3) A historical survey of women artists from pre-history to the twentieth century. Socio-political, psychological, economic issues, and themes affecting women's participation in the visual arts are examined. A multi-cultural and multi-media perspective, giving full attention to the diversity of women's ways of creating art is utilized.
- ARTS280 **Topics in Contemporary Art** (3) A seminar course investigating the driving forces and trends in the art scene from the seventies to the present in Europe and North America. Special emphasis on criticism and postmodern issues. Counts as an art history requirement for art majors and minors.
- ARTS302 **Drawing III** (3) (ARTS102, ARTS202, ARTS402, ARTS502) Media Exploration. Primary focus is on color and layering through a controlled medium, an uncontrolled medium, and mixed media in order to nurture an integrated personal vision at a level qualitatively beyond previous involvement in the field of drawing. Pre-requisite: ARTS 102 and ARTS 202
- ARTS303 **Painting III** (3) (ARTS103, ARTS203, ARTS403, ARTS503) Advanced studies in the medium of choice from ARTS 103 or ARTS 203. Student is expected to nurture an integrated personal vision at a level qualitatively beyond previous involvement in the field of painting. Pre-requisite: ARTS 103 and ARTS 203.
- ARTS304 **Printmaking III** (3) (ARTS104, ARTS204, ARTS404, ARTS504) The continuing investigation of previous print media including any area not yet experienced. Students are expected to initiate individual direction for their work with particular emphasis on serially developing their ideas. Students are encouraged to utilize mixed print media as well as other media — experimentation is stressed. Pre-requisite: ARTS 104 and ARTS 204

- ARTS306 **Fiber Arts III** (3) (ARTS106, ARTS206, ARTS406, ARTS506) This course is a continuing exploration of structure and technique including two and three dimensional forms. The primary emphasis is on the development of a personal vision in fibers. Students will build on introductory fiber techniques and experiences, focusing on a particular fiber medium or a mixed-media approach to fibers. Pre-requisite: ARTS 106 and ARTS 206 or permission of instructor
- ARTS307 **Sculpture III** (3) (ARTS107, ARTS207, ARTS407, ARTS507) This course explores the visual and expressive qualities of assemblage, found objects, conceptual and process art. Projects will explore concepts and ideas within these forms. Students may choose diverse materials, mediums, and processes employed in their projects. Pre-requisite: ARTS 107 and 207
- ARTS308 **Photography III** (3) (ARTS108, ARTS208, ARTS408, ARTS508) Photography III explores aspects of photojournalism and commercial photography as a career. The course is split into two parts during the course of the semester. The first half of the semester offers the opportunity for the students to begin developing skills in the area of photojournalism through hands-on experience in completing both spot news and short- and long-term essay assignments. During the second half of the semester students will explore the use of artificial lighting to create photographic illustrations in a controlled environment. Pre-requisite: ARTS 108 and ARTS 208
- ARTS309 **Ceramics III** (3) (ARTS109, ARTS209, ARTS409, ARTS509) After one semester of handbuilding (ARTS 109) and one semester of throwing on the potter's wheel (ARTS 209), students in ARTS 309 can choose which process they plan to investigate further. Emphasis is on the union of aesthetics and good craftsmanship. Involvement in all areas of studio operations is required. Pre-requisite: ARTS 109 and ARTS 209
- ARTS342 **Graphic Design III** (3) (ARTS142, ARTS242, ARTS442, ARTS542) Critically solve practical design problems while expanding electronic techniques emphasizing 1-, 2-, and 4-color production methods. Basic web page design and production are explored. Pre-requisite: ARTS 142 and ARTS 242
- ARTS402 **Drawing IV** (3) (ARTS102, ARTS202, ARTS302, ARTS502) Thematic Series. Primary focus is on developing a body of work which challenges the artist's imagination, sustains a high level of ambition, and sets a new standard of excellence for the creator and others. Pre-requisite: ARTS 102, ARTS 202, and ARTS 302.
- ARTS403 **Painting IV** (3) (ARTS103, ARTS203, ARTS303, ARTS503) Advanced studies in the same medium of choice as in ARTS 303 to establish a mastery of said medium. Student is expected to produce a thematic body of work. Pre-requisite: ARTS 103, ARTS 203, and ARTS 303.
- ARTS404 **Printmaking IV** (3) (ARTS104, ARTS204, ARTS304, ARTS504) The continuing investigation of previous print media including any area not yet experienced. Advanced skills are emphasized in the student's print media of choice. Understanding and control of procedures of drawing, processing and printing continue to be stressed. Students originate and produce a series (suite) of prints expressive of a certain theme or idea. Pre-requisite: ARTS 104, ARTS 204, and ARTS 304.
- ARTS406 **Fiber Arts IV** (3) (ARTS106, ARTS206, ARTS306, ARTS506) This course is an advanced study of fiber art techniques, encouraging the student's investigation and exploration of their personal artistic statement. The emphasis is on individual exploration and growth in fiber art, promoting creative thinking and self-evaluation. Pre-requisite: ARTS 106, ARTS 206, and ARTS 306 or permission of instructor
- ARTS407 **Sculpture IV** (3) (ARTS107, ARTS207, ARTS307, ARTS507) This course encourages exploration and research for a personal style and direction in sculpture. Projects will continue to include wood, metal and casting processes, allowing students to develop an individual body of work, expressing their own personalized vision. Pre-requisite: ARTS 107, ARTS 207, and ARTS 307.

- ARTS408 **Photography IV** (3) (ARTS108, ARTS208, ARTS308, ARTS508) Photography IV leads students through an exploration of the use of the photographic medium for personal expression. Students devise and produce a photographic project that expands on the techniques and processes mastered in previous courses. Many alternative and mixed media techniques will be covered. Pre-requisite: ARTS 108, ARTS 208, and ARTS 308.
- ARTS409 **Ceramics IV** (3) (ARTS109, ARTS209, ARTS309, ARTS509) A deeper investigation of either throwing or handbuilding, working on a larger scale, along with exploring various production techniques. Becoming responsible for all aspects of studio management is required. Pre-requisite: ARTS 109, ARTS 209, ARTS 309
- ARTS441 **Senior Seminar** (3) A study of the practical aspects and concerns of aspiring artists in the contemporary art scene, including its trends, patterns and venues. Provides graduating students with essential skills and knowledge to function as a practicing artist outside of the college environment. Art majors only, usually in senior year.
- ARTS442 **Graphic Design IV** (3) (ARTS142, ARTS242, ARTS342, ARTS542) Elaborate design products (the annual report, the expanded corporate identity, web design) are conceived and executed using electronic techniques with emphasis on product as well as practical production. Pre-requisite: ARTS 142, ARTS, 242, and ARTS 342
- ARTS490 **Senior Concentration** (3 to 6) An intense in-depth study of selected studio field. Students pursuing the art education or the history of art concentration may submit a written thesis. Specific faculty approval necessary.
- ARTS491 **Independent Study** (1 to 3) Problems related to department fields, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.
- ARTS492 **Tutorial** (3) Special reading and study for advanced students.
- ARTS493 **Internship** (1 to 3) Practical experiences of art in the real world, for the purpose of developing the ability to function in the professional arena. Pre-requisite: Minimum two courses in internship area
- Graduate Courses**
- ARTS502 **Graduate Drawing** (3) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS503 **Graduate Painting** (3) (ARTS103, ARTS203, ARTS303, ARTS403) Graduate courses are independently developed. Definition of direction and choice of media is determined by student and approved by professor.
- ARTS504 **Graduate Printmaking** (3) (ARTS104, ARTS204, ARTS304, ARTS404) Graduate courses are independently developed. Definition and choice of media is determined by each student and approved by professor.
- ARTS505 **Graduate 3D Design** (3) (ARTS105) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS506 **Graduate Fiber Arts** (3) (ARTS106, ARTS206, ARTS306, ARTS406) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS507 **Graduate Sculpture** (3) (ARTS107, ARTS207, ARTS307, ARTS407) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS508 **Graduate Photography** (3) (ARTS108, ARTS208, ARTS308, ARTS408) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS509 **Graduate Ceramics** (3) (ARTS109, ARTS209, ARTS309, ARTS409) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

- ARTS521 **Gr Early & Mid Childhood Art** (3) (ARTS221) A comprehensive introduction to art education at the elementary school level employing both theory and practice. The creative and mental stages of development are emphasized.
- ARTS522 **Grad Art in Early Child Educ** (3) (ARTS222) Art production techniques, art appreciation, history and aesthetics. Active emphasis on age appropriate (3-8) art activities as well as the student's own artistic development.
- ARTS523 **Graduate Secondary School Art** (3) (ARTS223) A thorough investigation of the instructional techniques, resources and philosophies necessary in teaching art at the secondary level.
- ARTS542 **Graduate Graphic Design** (3) (ARTS142, ARTS242, ARTS342, ARTS442) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS552 **Graduate Illustration** (3) (ARTS152, ARTS252) Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.
- ARTS591 **Graduate Independent Study** (1 to 3) Problems related to department fields, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.

(ASLN) American Sign Language

- ASLN101 **Elem American Sign Language I** (3) An introduction to basic signing through emphasizing the acquisition of high-frequency vocabulary, facial expression, and the development of cultural awareness.
- ASLN102 **Elem American Sign Language II** (3) The second semester elementary course which is a continuation of ASLN 101. Pre-requisite: ASLN 101 (unless waived)
- ASLN201 **Interm American Sign Lang I** (3) The first semester intermediate course which is a continuation of ASLN 102 with a particular emphasis on the development of more creative use of the language. Pre-requisite: ASLN 102 (unless waived)
- ASLN202 **Interm American Sign Lang II** (3) A communicative-oriented course emphasizing receptive and expressive skills through the study of authentic materials dealing with the Deaf world. This course includes a comprehensive grammar review. Pre-requisite: ASLN 201 (unless waived)

(BIOL) Biology

- BIOL102 **Life: Human Biology** (2) Study of the anatomy and physiology of the human body systems, with emphasis on the regulatory mechanisms that maintain homeostasis and health.
- BIOL104 **Life: Biology of Wellness** (2) Biological aspects of maintaining human mental and physical wellbeing.
- BIOL106 **Life: Biology of Aging** (2) Examination of the current scientific understanding of the human aging process, as it applies to human anatomy and physiology.
- BIOL110 **Life: Human Reproduction Today** (2) Study of the anatomy and physiology of traditional reproduction and the newer technologies that allow the manipulation of human fertility, like in vitro fertilization, sperm injection, genetic selection, surrogacy, and the possibility of cloning.
- BIOL112 **Life: Growing & Evolving** (2) Study of the process of organic evolution and how it has resulted in the structural, functional, and genetic diversity of organisms, with focus on recent advances and major events in the history of life.
- BIOL116 **Life: Microbes & Humans** (2) Study of microbes (bacteria, viruses, protozoa) and their impact on human society.

- BIOL118 **Life: The World of Plants** (2) Introduction to the study of plants, including basic aspects of the structure and function of higher plants and the value of plants in nature and in human affairs.
- BIOL119 **Life: Current Topics** (2) New advances and controversial areas of research in the life sciences, as a way of introducing some of the major concepts in biology. Topics may include evolution and creationism, global warming, animals in research, artificial intelligence, and genetic engineering.
- BIOL120 **Life: Ecology & People** (2) An exploration of critical environmental issues that affect our world today, through a study of ecological principles and their interaction with human society, especially considering the ethical, political, and economic aspects.
- BIOL125 **Life Lab: Investigation I** (1) Inquiry-based experiments to accompany BIOL 102-120.
- BIOL127 **Life Lab: Investigation II** (1) Exercises, experiments, and field trips to accompany BIOL 102-120.
- BIOL130 **Intro to Life Sciences** (2) Cells, heredity, ecology, evolution, plant and animal morphology, and physiology. For Education Majors.
- BIOL131 **Intro to Life Sciences Lab** (1) Exercises and field trips to illustrate principles taught in BIOL 130. For Education majors only.
- BIOL140 **Human Anatomy & Physiology I** (3) The major human systems emphasizing the skeletal, muscular, and nervous systems.
- BIOL141 **Hum Anatomy & Physiology I Lab** (1) Human skeletal material and dissection of a representative mammal. Histology of tissues and organs with physiological exercises and demonstrations, including human cadavers.
- BIOL142 **Human Anatomy & Physiology II** (3) Continuation of BIOL 140 stressing the circulatory, immune, excretory, digestive, endocrine, and reproductive systems. Pre-requisite: BIOL 140-141.
- BIOL143 **Hum Anatomy & Phys II Lab** (1) Continuation of anatomical approach of BIOL 141 with related physiological studies and demonstrations.
- BIOL160 **General Biology I** (3) Principles of molecular, cellular, and organismal biology, emphasizing the physiology of vertebrates. Preparation for most 200 level courses.
- BIOL161 **General Biology I Lab** (2) Laboratory exercises demonstrating the principles of cellular biology, genetics, and vertebrate systems.
- BIOL162 **General Biology II** (3) Topics in taxonomy, evolution, animal behavior, and ecology. Preparation for most 200 level courses.
- BIOL163 **General Biology II Lab** (2) Laboratory exercises and field trips demonstrating the principles of evolution, animal behavior, and ecology, with emphasis on scientific writing. Pre-requisite: BIOL 161 or permission of department chair
- BIOL200 **Microbiology** (3) Basic study of microbes, their activities, control, role in disease and host immune responses. Intended for Nursing and Pre-Pharmacy students.
- BIOL201 **Microbiology Lab** (1) Microscopic examination of the diversity of microbes, including monerans, fungi, and protists. Students learn basic culture, isolation, and identification techniques in bacteriology.
- BIOL204 **Functional Neuroscience** (3) The structure, function, and pathology of the nervous system. Intended for Occupational Therapy students.
- BIOL210 **General Botany** (2) The morphology, physiology, and reproduction of representatives of each plant division are studied with emphasis on the seed plants. Pre-requisite: BIOL 160-163 or permission of the instructor.
- BIOL211 **General Botany Lab** (2) Observations of living and preserved plants, experimentation, and field trips to illustrate structure and life processes in various plant groups.
- BIOL222 **Immunology** (2) An introduction to the specific mechanisms by which the human body reacts to foreign biological materials.
- BIOL230 **Genetics** (3) Principles of heredity, the genetic control of development, molecular genetics, and population genetics. Pre-requisite: BIOL 160-163 or permission of instructor.

- BIOL231 **Genetics Laboratory** (1) Laboratory exercises to provide students with experience in modern molecular genetics and methods of manipulating and studying nucleic acids.
- BIOL240 **Evolution** (2) Evidence for and the mechanisms of evolutionary processes. Pre-requisite: BIOL 160-163 or permission of the instructor.
- BIOL244 **Animal Behavior** (2) Study of the innate, learned, aggressive, social and sexual behavior of animals as evolutionary products. Pre-requisite: BIOL 160-163 or permission of the instructor.
- BIOL250 **Ecology** (3) The relationships between organisms and their living and non-living environments. Pre-requisite: any BIOL 102-120 with 125 or 127 or BIOL 160-163 or permission of the instructor.
- BIOL251 **Ecology Lab** (1) Laboratory and field exercises to illustrate ecological principles. Local aquatic and terrestrial habitats are investigated.
- BIOL280 **Topics in Biology** (1 to 3) Short-term courses designed to explore biological phenomena of current interest. Pre-requisite: BIOL 160-163 and permission of Chair.
- BIOL290 **Special Problems in Biology** (1 to 4) Independent study in some specialized area of biology. Pre-requisite: Permission of Chair.
- BIOL301 **Zoos are Classrooms** (1) (EDWS345, EDWS544) Demonstrations of how a zoo may be used as an educational facility. Animal behavior, ecology, evolution, conservation, adaptations, classification, and other zoo-related topics will be examined.
- BIOL304 **Plants in the Classroom** (2) (EDWS390) Lectures, lab activities and field trips to demonstrate how plant material may be used in the classroom.
- BIOL330 **Medical Genetics: Implications** (3) The principles of human genetics, risks, screening, diagnosis, applications of genetic ethics to problems. Pre-requisite: BIOL 160-163, BIOL 230.
- BIOL340 **Advanced Physiology** (3) Functional processes of the human body, interrelationships of the systems, and some homeostatic and immunological applications. Pre-requisite: BIOL 140-143, permission of Chair required to apply as elective requirement for all departmental majors.
- BIOL354 **Vertebrate Anatomy** (2) Description of the anatomy and development of selected vertebrates, including humans, emphasizing the evolutionary connections among vertebrates. Pre-requisite: BIOL 160-163.
- BIOL355 **Vertebrate Anatomy Lab** (2) Exercises which demonstrate major principles to accompany BIOL 354. Dissection of cat and shark, with human cadaver demonstrations.
- BIOL360 **Cell Biology** (2) A contemporary view of cell structure and function. Pre-requisite: BIOL 160-163 or permission of instructor.
- BIOL398 **Sem: Environmental Studies** (3) (ECON398) An environmental issue is selected and each student is responsible for investigating a facet of the problem. The seminar format provides a mechanism for sharing ideas for proper procedure in investigating the problem, analyzing and interpreting data, and exploring the economic, ecological, and ethical consequences of alternative problem resolutions. Pre-requisite: BIOL 160-163 or BIOL 250/251.
- BIOL410 **Vertebrate Physiology** (2) Contraction, perception, metabolism, circulation, respiration, coordination, and excretion in vertebrates, emphasizing humans. Pre-requisite: BIOL 160-163 or permission of instructor.
- BIOL411 **Vertebrate Physiology Lab** (2) Exercises which demonstrate major principles to accompany BIOL 410, utilizing living specimens and computer-based instrumentation.
- BIOL420 **General Histology** (2) Structure and function of animal tissues as revealed by light microscopy, electron microscopy, and histochemistry. Pre-requisite: BIOL 160-163 or permission of instructor.
- BIOL421 **General Histology Lab** (2) A microscopic study of fixed materials employing routine and histochemical techniques to demonstrate cell, tissue, and organ morphology.

- BIOL440 **Biochemistry** (3) (CHEM440) A lecture course treating the structure, properties, and metabolism of proteins, carbohydrates, lipids, and nucleic acids. Pre-requisite: CHEM 242.
- BIOL450 **Bacteriology** (2) The morphology, physiology, and genetics of bacteria including the impact of these organisms on humans. Pre-requisite: BIOL 160-163 or permission of instructor.
- BIOL451 **Bacteriology Lab** (2) The techniques for isolation, identification, culturing, and physiological study of bacteria.
- BIOL460 **Developmental Biology** (3) The major events in development, including gametogenesis, fertilization, cleavage divisions, embryonic polarization, germ layer formation, and morphogenesis, and the underlying cellular, molecular, and genetic mechanisms that control these events. Pre-requisite: BIOL 230/231.
- BIOL461 **Developmental Biology Lab** (1) Exercises that demonstrate gametogenesis, fertilization, cleavage divisions, embryonic polarization, germ layer formation, and morphogenesis.
- BIOL470 **Human Anatomy I** (1) An introductory course in gross human anatomy achieved through the dissection of human cadavers, including dissection technique, integument removal, muscle identification and demonstration of cadavers to other classes. Pre-requisite: BIOL 354, BIOL 355 and permission of Chair.
- BIOL472 **Human Anatomy II** (1) Continuation of BIOL 470, including cadaver dissection of thoracic, abdominal, and pelvic cavities, cranium, and face.
- BIOL495 **Directed Study** (1 to 4) A variety of independent studies, including an internship program with the Cincinnati Zoo, and undergraduate research beginning in the sophomore and junior years.
- BIOL498 **Methods of Biol Research I** (1 to 2) Development of a research project emphasizing experimental design, controls, gathering and interpreting experimental data from living organisms. Projects vary depending on faculty advisor. Intended for Seniors.
- BIOL499 **Methods of Biol Research II** (1 to 2) A continuation of BIOL 498 culminating in the written and oral presentation of scientific reports.

(BLAW) Business Law

- BLAW300 **Legal Environment** (3) Provides a background in the legal environment of business. Topics include: contracts, business torts, product liability, business entities, ethics, and employment discrimination. Pre-requisite: Junior status.
- BLAW734 **Management & Legal Environment** (4) This course investigates legal concepts and their impact on business. Topics include: contracts, business torts, product liability, white-collar crimes, worker's privacy, employment discrimination, professional malpractice and business ethics. Pre-requisite: Admission to Executive MBA Program.

(BUAD) Business Administration

Undergraduate Courses

- BUAD101 **The Business Profession I** (0) Self-Assessment and Awareness. Provides an introduction to business careers and ethics. Students will identify their skills, interests and values and how they relate to careers and work environments.
- BUAD102 **The Business Profession I** (0) Self-Assessment and Awareness. Provides an introduction to business careers and ethics. Students will identify their skills, interests and values and how they relate to careers and work environments.
- BUAD201 **The Business Profession II** (0) Preparing for Business Life. Focuses on career and market exploration, job search skills, resume design and writing, business practices and cooperative education opportunities.

- BUAD202 **The Business Profession II** (0) Preparing for Business Life. Focuses on career and market exploration, job search skills, resume design and writing, business practices and cooperative education opportunities.
- BUAD301 **The Business Profession III** (0) Planning your Career Search. Centers on job search resources and professional associations, interviewing, and networking. Required for all business juniors.
- BUAD302 **The Business Profession III** (0) Planning your Career Search. Centers on job search resources and professional associations, interviewing and networking.
- BUAD401 **The Business Profession IV** (0) Beginning your Career. Explores job placement opportunities, evaluating a job offer, professional associations, and community service.
- BUAD402 **The Business Profession IV** (0) Beginning your Career. Explores job placement opportunities, evaluating a job offer, professional associations and community service.

Graduate Courses

- BUAD704 **Global Strategic Thinking** (3) This course creates a process which allows students to develop the ability to integrate information from the business function courses using the skills developed in the business and systems skills and foundation skills courses. Organizations are examined holistically, globally, and strategically. Pre-requisite: Admission to Executive MBA Program and all core courses.
- BUAD779 **International Business** (4) The course is designed to help students understand the complex world in which multinational corporations, national and international agencies and individuals interact. It touches on the economic, cultural, financial, and political environments of international trade. Economic analysis, marketing and financial strategies used to operate in this environment are particularly developed. Pre-requisite: Admission to the Executive MBA program.
- BUAD780 **Doing Business in Asia** (3) Gain a basic familiarity with Asian management strategies, techniques, and philosophies that may differ from those practiced in the United States. Develop a better appreciation for cultural differences and how they impact business conduct. Pre-requisite: Admission to the Executive MBA program.
- BUAD781 **Doing Business in Europe** (3) Gain a basic familiarity with European management strategies, techniques, and philosophies that may differ from those practiced in the United States. Develop a better appreciation for cultural differences and how they impact business conduct. Pre-requisite: Admission to the Executive MBA program.
- BUAD784 **Doing Business in South America** (3) Gain a basic familiarity with Latin American management strategies, techniques, and philosophies that may differ from those practiced in the United States. Develop a better appreciation for cultural differences and how they impact business conduct. Pre-requisite: Admission to the Executive MBA program.
- BUAD901 **Leg, Ethical & Reg Environmnt** (2) Examines antitrust, administrative law, liabilities, and other legal, regulatory, or ethical issues confronting business.
- BUAD904 **Global Strategic Thinking** (3) This dynamic course creates a process for students to develop the ability to integrate information from the business function courses. Via case discussions, simulations, group projects, and executive speaker presentations, students critically evaluate and design strategies for organizations for a sustainable competitive advantage in domestic and global markets. Organizations are examined holistically, globally, and strategically. Pre-requisite: All Integrated Functions, business and system skills, and foundation skills courses as well as all core courses.
- BUAD909 **Business Ethics Through Film** (3) This course uses film, web links and business ethics articles to facilitate class discussion and highlight important ethical issues of the day.

- BUAD910 **Outsourcing ISS in Int'l Busin** (3) The objective of this course is to enhance students' awareness of the economic, managerial, technological, social, and ethical aspects associated with offshoring as a strategy used by U.S.-based corporations. This objective is achieved through case discussions, written papers, presentations, and discussion of timely and relevant information of the topic of offshoring.
- BUAD913 **Executive Leadership** (2) Investigate the style, skills, characteristics, and challenges of leadership at the executive level of organizations. Executives as the top of organizations must face the challenge of defining a strategic direction and implementing activities that are focused to move the organization in that direction.
- BUAD921 **Year 1 Integration Project/Pap** (2) A year-long integrative course that builds upon the first year of the on-site MBA curriculum. Students develop a project that demonstrates their facility in using the concepts tools and skills learned throughout the first year of their MBA program. Pre-requisite: Admission to the onsite MBA program.
- BUAD925 **Service Learning Practicum** (3) Student teams serve as consultants to not-for-profit organizations or companies that are committed to serving their community. The course will include lectures and readings, development and execution of a consulting plan, teaming in all aspects of the course, and reflection on experience. Pre-requisite: All Integrated Functions courses.
- BUAD941 **Year 2 Integration Project/Pap** (3) A year-long integrative course that builds upon the MBA core curriculum. Students develop a project that demonstrates their facility in using the concepts, tools, and skills learned throughout the MBA program. Pre-requisite: Admission to the on-site MBA program and completion of the first year coursework.
- BUAD980 **Doing Business in Asia** (3) Assess the elements of quality manufacturing and service used by companies doing business in Japan, Singapore, and other Asian countries. Explore the procedures used to adapt to cultural diversity.
- BUAD981 **Doing Business in Europe** (3) Assess the strategies of niche manufacturing and marketing used by business to successfully penetrate the European market, and procedures used to adapt to cultural diversity.
- BUAD984 **Doing Business South America** (3) Gain a basic familiarity with management strategies, techniques, and philosophies which may differ from those practiced in the United States. Develop a better appreciation for cultural differences and how they impact business conduct.

(CHEM) Chemistry

- CHEM102 **Chemistry in Society I** (2) A course for the non-science major. The relationship between chemistry and contemporary society.
- CHEM103 **Chemistry in Society I Lab** (1) Chemical experimentation which illustrates the concepts described in CHEM102
- CHEM104 **Chemistry in Society II** (2) A course for the non-science major. The impact of basic chemical discoveries and of certain organic and biochemical compounds on society. Fulfills the E/RS Focus elective when taken with CHEM 105. Pre-requisite: PHIL 100, THEO 111. Co-requisite: PHIL 100, THEO 111.
- CHEM105 **Chemistry in Society II Lab** (1) Chemical experimentation which illustrates the concepts described in CHEM 104. Fulfills the E/RS Focus elective when taken with CHEM 104. Pre-requisite: PHIL 100, THEO 111, CHEM 103. Co-requisite: PHIL 100, THEO 111.
- CHEM106 **Chem & Physics of Photo I** (2) A course for the non-science major. Chemical and physical principles underlying photography are presented.
- CHEM107 **Chem & Physics of Photo I Lab** (1) Exemplification of principles taught in CHEM 106

- CHEM108 **Chem & Physics of Photo II** (2) A continuation of CHEM 106 applying the principles to black and white photographic processes.
- CHEM109 **Chem & Physics of Photo II Lab** (1) A continuation of CHEM 107.
- CHEM150 **Physiological Chemistry** (3) A basic understanding of the composition, structure, and chemical reactions of substances in living systems.
- CHEM151 **Physiological Chemistry Lab** (1) Chemical experimentation which illustrates the concepts described in CHEM 150.
- CHEM160 **General Chemistry I** (3) A pre-professional course approved by the American Chemical Society for chemistry majors and required of many other science majors. Atomic and molecular structure, states of matter, stoichiometry, and chemistry of representative main group elements. Pre-requisite: Students must have a demonstrated competency in mathematics of MATH105 or above.
- CHEM161 **General Chemistry I Lab** (1) Practice in the basic operations of chemical laboratory work. Co-requisite: CHEM 160.
- CHEM162 **General Chemistry II** (3) A continuation of CHEM 160. Subjects include thermodynamics, equilibrium, acids and bases, kinetics, redox processes, and transition metal chemistry. Pre-requisite: CHEM 160.
- CHEM163 **General Chemistry II Lab** (2) A continuation of CHEM 161. The laboratory work includes qualitative and quantitative inorganic analysis. Pre-requisite: CHEM 161. Co-requisite: CHEM 162.
- CHEM165 **General Chemistry II Lab** (1) Laboratory to accompany CHEM 162 emphasizing quantitative measurements. Pre-requisite: CHEM 161. Co-requisite: CHEM 162.
- CHEM220 **Principles of Physical Chem** (3) For students in the life science and BS Chemical Science programs. Aspects of physical chemistry most relevant to living systems. Pre-requisite: CHEM 162.
- CHEM221 **Analytical Chemistry** (1) Lecture and Laboratory course. Application of wet and instrumental analytical methods to substances of clinical interest. Pre-requisite: CHEM 163.
- CHEM226 **Quantitative Analysis** (3) An introductory course in analytical chemistry covering gravimetric and titrimetric methods of analysis. Statistical analysis of data is performed. Pre-requisite: CHEM 162, CHEM 163.
- CHEM227 **Quantitative Analysis Lab** (1) Laboratory experiments to demonstrate the concepts discussed in CHEM 226. Pre-requisite CHEM 163. Co-requisite: CHEM 226.
- CHEM240 **Organic Chemistry I** (3) A pre-professional course approved by the American Chemical Society for chemistry majors and required of many other science majors. Introductory course treating the structure, preparation, reactions, and properties of organic compounds. Pre-requisite: CHEM 162 with a grade of "C" or better or the permission of Chemistry Department Chair.
- CHEM241 **Organic Chemistry I Lab** (1) The practice of fundamental operations involved in the synthesis, separation, purification, and identification of organic compounds. Pre-requisite: CHEM 163 or CHEM 165.
- CHEM242 **Organic Chemistry II** (3) A continuation of CHEM 240 which extends the treatment of fundamental organic chemistry. Pre-requisite: CHEM 240.
- CHEM243 **Organic Chemistry II Lab** (1) Continuation of the laboratory work of CHEM 241 with increased emphasis on the reactions and synthesis of organic systems. Pre-requisite: CHEM 241. Co-requisite: CHEM 242.
- CHEM300 **Chemical Literature** (1) An introduction to the nature and use of the chemical literature, general research procedures, technical report writing, and computerized literature searches. Pre-requisite: Junior standing.
- CHEM320 **Physical Chemistry I** (3) An introduction to theoretical chemistry with emphasis on thermodynamics and chemical equilibrium. Pre-requisite: CHEM 162, MATH 220; Co-requisite: MATH 220.
- CHEM322 **Physical Chemistry II** (2) A continuation of CHEM 320. Chief emphasis on chemical kinetics and kinetic molecular theory. Pre-requisite: CHEM 320.

- CHEM325 **Physical Chemistry Laboratory** (1) A laboratory course to demonstrate basic principles of physical chemistry. Pre-requisite: CHEM 320. Co-requisite: CHEM 322, CHEM 330.
- CHEM330 **Quantum Chemistry** (2) An introduction to quantum chemistry and molecular structure. Pre-requisite: CHEM 162, MATH 220; Co-requisite: MATH 220.
- CHEM340 **Instrumental Analysis** (3) Discussion of modern analytical chemistry with emphasis on instrumentation and measurement techniques. Pre-requisite: CHEM 320 or CHEM 220.
- CHEM341 **Instrumental Analysis Lab** (1) Practice in the use of chemical instrumentation as available. Pre-requisite: CHEM 340.
- CHEM400 **Research/Seminar** (1) Capstone course for the chemistry and chemical science major. Undergraduate research performed under the direction of a faculty member. Students share the results of their research and interact with outside speakers during weekly seminar sessions. A written thesis is the final product of these activities.
- CHEM411 **Organic Synthesis & Analysis** (3) Synthesis and analysis of organic compounds. Emphasis on chromatographic and spectroscopic methods of identification and estimation. Pre-requisite: CHEM 242, CHEM 243.
- CHEM420 **Inorganic Chemistry** (3) Modern theories of bonding and structure, spectroscopy, redox chemistry, and reaction mechanisms. Coordination compounds, organometallic clusters, and catalysis. Pre-requisite: CHEM 330.
- CHEM421 **Inorganic Chemistry Lab** (1) Laboratory techniques and practice in synthetic inorganic chemistry. Pre-requisite: CHEM 420.
- CHEM435 **Medicinal Chemistry** (3) The science and economics of medicinal chemistry. The discovery, structure activity relationships, synthesis and mechanism of action of several classes of drugs are discussed. Pre-requisite: CHEM 242.
- CHEM440 **Biochemistry** (3) (BIOL440) A lecture course treating the structure, properties, and metabolism of proteins, carbohydrates, lipids, and nucleic acids. Pre-requisite: CHEM 242.
- CHEM450 **Topics in Organic Chemistry** (2) An extension of fundamental organic chemistry to include more specialized topics not previously considered or extensively treated. Pre-requisite: CHEM 242.
- CHEM460 **Topics in Bioorganic Chemistry** (2) A course devoted to the synthesis, reactions, and structure of organic molecules involved in biological processes. Pre-requisite: CHEM 242.
- CHEM495 **Directed Study** (1 to 3) Study of a specific topic of interest under the direction of a faculty member.

(CJUS) Criminal Justice

Undergraduate Courses

- CJUS101 **Intro to Criminal Justice** (3) (SOCW101) An overview of the history and legal basis of the criminal justice system, its structures, its functions, and interface with the individual elements.
- CJUS102 **Intro to Law Enforcement** (3) Overview of policing problems and procedures; legal and philosophical issues in law enforcement; organization and administration of police agencies.
- CJUS103 **Intro to Cor: Prac & Procedure** (3) Explores both institutional and non-institutional corrections in contemporary society. The operations of prisons and jails and their internal procedures, including safety, security, supervision, classification and programming are explored, along with alternatives to incarceration, probation, and parole. All of these are reviewed in relation to contemporary social and political realities, along with their ethical dimension.
- CJUS167 **Introduction to Social Work** (3) (SOC1167, SOCW167) The social welfare institution and social work. The three major purposes of social work: (1)

- enhancement of problem solving; (2) knowledge of systems that provide people with resources and services; and (3) the successful linkage of people with these systems.
- CJUS210 **Basic Const Law & Amer Justice** (3) (CJUS610) Examines the principles, structures and functions of the courts. Special emphasis is given to rights and obligations of various role players in the criminal justice system, including especially those who work within the correctional facilities.
- CJUS230 **Basic Const Law & Amer Just II** (3) (CJUS630) Emphasizes application to issues of jurisdiction, processes and constitutional principles affecting them. Special focus is given to management and procedural issues, and this course, in combination with the previously listed CJUS 210, presents a very strong treatment of all legal and ethical issues.
- CJUS233 **Hum Dignity in Helping Prof** (2 to 3) An overview of humanistic approaches to the helping professions and their application to corrections. Effective communication, emotional involvement, and development of professional interpersonal relationships are studied in detail. This elective course complements the required course, CJUS 243 Correctional Counseling and Communication.
- CJUS239 **Criminalistics I** (3) Study of legal scientific physical evidence: e.g. fingerprinting, DNA analysis and famous crime scene investigations.
- CJUS240 **Criminal Law** (3) An overview of law in society, and especially the development, substance and application of the criminal law. This elective course complements the two courses in constitutional law and adds a strong legal and ethical component.
- CJUS241 **Criminal Law II** (3) An in-depth study of the criminal justice process with focus on the actors, strategies, institutions and processes which constitute law enforcement and relates the events of major cases to academic literature and policies.
- CJUS243 **Correctional Counseling & Comm** (3) (CJUS643) Is required and deals directly with necessary verbal, nonverbal and writing skills. It also emphasizes cross-cultural communications and presents practical skills exercises relating to all of the above.
- CJUS245 **Private Security** (3) (CJUS645) This course provides a rigorous introductory foundation to the field of Private Security, including its development, philosophies, responsibilities and functions, plus its principles, legal authority, and effects on society.
- CJUS246 **Risk Management** (3) (CJUS646) This course presents a rigorous introduction to the theoretical concepts of Risk Management, through various analytical concepts, survey techniques, insurance requirements, program development and operational activities, from a security practitioner's perspective.
- CJUS260 **Current Issues in Crim Justice** (3) (CJUS660) A required course which complements CJUS 101 Introduction to Criminal Justice: Police Courts and Corrections; CJUS 103 Introduction to Corrections: Practice and Procedures; CJUS 621/631 Juvenile Justice in a Changing Society; and relates numerous current political and social issues to adult and juvenile corrections.
- CJUS265 **Class and Class Conflict** (3) (SOC1365) Class, status, and power in social life. Systems of inequality examined within a cross-cultural perspective.
- CJUS266 **Crime & Personality** (3) (CJUS566, EDCO566, PSYC366) An elective course which complements the required CJUS 366 Understanding Juvenile and Adult Offender Behavior. This course deals with the root causes of crime in the individual and in the culture. Consideration of personality dynamics and treatment approaches are major elements of this course.
- CJUS276 **Psychology of Delinquency** (2) (CJUS676, PSYC276) An elective course dealing with types and causes of juvenile delinquency together with brief case history analysis.

- CJUS321 **Juvenile Justice in a Chg Soc** (3) (CJUS621) A required course which emphasizes juvenile court philosophy and practices, prevailing case law, applicable federal and state legislation, current trends and development of standards, alternatives to incarceration, comparison of the treatment of the juvenile offender in the juvenile justice system as opposed to the adult system, and a historical overview.
- CJUS332 **Capital Punishment: Other Issu** (3) Presents very thoroughly the debate on the effectiveness, desirability, and especially the ethics of capital punishment. While this is an elective course, it is a very strong course and the morality of the death penalty is a major component.
- CJUS336 **Understand Juv/Adult Offend Be** (3) (CJUS636) This required course explores types of offenders, including special issues of women and offenders with special needs, the origins of criminal behavior, and subcultures.
- CJUS350 **Treating Sex Offenders&Victims** (1) (EDWS440, PSYC267, SOCW350) This workshop will explore treatment issues and approaches for working with sex offenders, victims, and other family members.
- CJUS364 **Overview of Contemp Correction** (3) (CJUS664) Compares historical and contemporary methodologies, presents and critiques jail and prison programs, applies court decisions to current practices, and generally analyzes institutional and non-institutional corrections in relation to today's social and political realities. Staff and inmate rights and responsibilities are presented within the context of ethical and legal requirements.
- CJUS365 **Women in Criminal Justice Syst** (3) This course is designed to explore the perception and treatment of women in, and by, the criminal justice system. Emphasis will be placed on how the images and portrayal of females in American society impacts on the manner in which they are treated as perpetrators of crime, victims of crime, and criminal justice professionals.
- CJUS381 **Methods of Research in CJUS** (3) Acquaints the student with research methodology in general, and explores the value and ethics of particular research areas such as evaluative research etc.
- CJUS391 **Practicum in Criminal Justice** (1 to 3) A required, non-classroom, on-the-job experience which provides the student the opportunity to observe correctional, law enforcement, or court settings; relate to professionals in the field; and obtain "hands-on" experience which cannot be obtained as effectively any other way. This required course strongly complements CJUS 103 Introduction to Corrections: Practice and Procedures; CJUS 260 Current Issues in Criminal Justice; CJUS 264 Overview of Contemporary Corrections; and CJUS 321 Juvenile Justice in a Changing Society, by providing actual experience in these areas. This practicum requiring 300 clock hours is one of the very major ingredients and one of the best experiences provided to the student in the entire program. The opportunity presented for them to integrate the theory and concepts presented in the class room with day to day reality and actual practice of the profession is invaluable. Pre-requisite: CJUS 101
- CJUS392 **Criminal Justice Practicum II** (1 to 3) An elective, non-classroom, on-the-job experience which provides the student additional opportunity to integrate the theory and concepts presented in the classroom with day to day reality and actual practice of the profession. This practicum requires 300 clock hours. See CJUS 391 for more information about the types of activities that might be included.
- CJUS408 **Women & Societal Violence** (1) (EDWS408, PSYC408, SOCW408) A historical perspective on violence against women. Modern day forms of violence against women and intervention will be studied. Prosecution of cases will be presented and treatment strategies for offenders will be explored.
- CJUS430 **Intro to Rational Behav Therap** (2) (EDCO434) Rational emotive behavioral therapy is a self-help form of counseling which teaches people how to increase their skill in reasoning so that they will be better able to deal with problems and

stresses of daily living. It can enable normal people to improve their lives and disturbed people to regain emotional and mental health.

- CJUS434 **The Disruptive Child** (3) (CJUS634) A view of children's behavior-disruptive vs. delinquent. Diagnosis, treatment, and other diversionary practices are studied.
- CJUS439 **Criminalistics II** (3) Reviews the more intricate areas of anthropology, questioned documents, DNA processes, legalities of homicide scenes, and scientific applications of homicide.
- CJUS441 **Rational-Emotive Behav Therp I** (1) The course is designed to assist the graduate and undergraduate student in the intricacies of REBT theory, concepts, comprehension, and application.
- CJUS444 **Addictive Behaviors** (3) (SOCW444) Examination of addiction theory and process through comparison of variety of substance and process addictions. Pre-requisite: PSYC 101, SOCI 101, SOCW 167 or permission of instructor.
- CJUS449 **Criminalistics III** (3) This course is designed to familiarize the undergraduate and graduate student in specific areas of forensic science. The areas included in this course are forensic psychology, drug analysis, hostage negotiation techniques, legal considerations in crime scene investigations and forensic anthropology issues.
- CJUS463 **Counseling Challenging Youth** (1) (EDWS563, PSYC380, SOCW463) Workshop participants will learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies will be formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants will be challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.
- CJUS499 **Special Readings in CJUS** (1 to 3) A selective number of texts, periodicals, research papers, etc., related directly to areas of criminal justice are reviewed and student reports critiqued.

Graduate Courses

- CJUS501 **Found of Corrections** (3)
- CJUS503 **Institutional Corrections** (3)
- CJUS505 **Non-Institutional Corrections** (3)
- CJUS540 **Correctional Administration** (3)
- CJUS550 **Alcohol and Criminality** (3)
- CJUS566 **Crime & Personality** (3) (CJUS266, EDCO566, PSYC366) An elective course which complements the required CJUS 366 Understanding Juvenile and Adult Offender Behavior. This course deals with the root causes of crime in the individual and the culture. Consideration of personality dynamics and treatment approaches are major elements of the course.
- CJUS599 **Special Readings in Correction** (1 to 3) Reviews the current criminal justice literature in areas of research, treatment, management, law, and forensic science within the criminal justice arena.
- CJUS606 **Criminology** (3) Presents and analyzes multiple theories in the etiology of crime; both internal and external theories of causality are explored; presents and contrasts several societal reactions to the crime complex; and critically evaluates numerous contemporary methodologies. Learning Theories, Subcultural Theories, Theories of Limited Opportunity Structure, etc., are examined to enhance student's understanding of typologies of offender behavior and offense types. Offenders with special needs, cultural diversity, women's issues and chemical dependency are all presented in relation to the crime complex in America today.
- CJUS608 **Community-Based Corrections** (3) Theory and practice in non-institutional model.

- CJUS610 **Basic Const Law & Amer Justice** (3) (CJUS210) Examines the principles, structures, and functions of the courts. Special emphasis is given to rights and obligations of various role players in the criminal justice system, including especially those who work within the correctional facilities.
- CJUS611 **Law & Justice in America** (3) Presents legal issues in all three segments of the American criminal justice system. Constitutional and statutory rights and obligations are considered along with policy considerations. Major emphasis in the course is placed on student initiative in learning. Therefore, it is strongly recommended that CJUS 610, Basic Constitutional Law & American Justice or its equivalent be completed before enrolling in this course.
- CJUS620 **Sociology of Crime & Delinquenc** (3) Social foundations of the criminal justice system are examined, along with the social causation of crime and societal response. The understanding of crime within the social context is presented along with in-depth exploration of cross-cultural, subcultural and other demographic expositions.
- CJUS621 **Juvenile Justice in a Chg Soc** (3) (CJUS321) Critiques the development of social control of child behavior in the U.S. from its historical roots to contemporary times. Presents and analyzes legal trends in juvenile court and correctional operations and evaluates contemporary practice and methodology in the juvenile justice system and in the adult system. Landmark legal cases from Kent v. U.S. through Shall v. Martin and other currently prevailing decisions are related to their impact on current practice. Concepts such as waiver, status offenders, and violence in contemporary society are given special attention in relation to their ethical and legal dimensions.
- CJUS630 **Con Law & American Justice II** (3) (CJUS230) Emphasizes application to issues of jurisdiction, processes, and constitutional principles affecting them. Special focus is given to management and procedural issues, and this course, in combination with the previously listed CJUS 210, presents a very strong treatment of all legal and ethical issues.
- CJUS634 **The Disruptive Child** (3) (CJUS434) A view of children's behavior- disruptive vs. delinquent. Diagnosis, treatment, and other diversionary practices are studied.
- CJUS636 **Understand Juv/Adult Offend Be** (3) (CJUS336) This required course explores types of offenders, including special issues of women, and offenders with special needs, the origins of criminal behavior and subcultures.
- CJUS642 **Criminal Justice Administratio** (3) Presents organizational and management theories and practices within criminal justice settings. Management styles, management by objectives, total quality management etc., are all related to issues of contemporary practice in prisons, probation, and parole and juvenile justice. Legal and ethical considerations are related to actual practice situations.
- CJUS643 **Correctional Counseling & Comm** (3) (CJUS243) Deals directly with the necessary verbal, nonverbal, and writing skills. It also emphasizes cross-cultural communication and presents practical skill exercises relating to all of the above.
- CJUS645 **Private Security** (3) (CJUS245) This course provides a rigorous introductory foundation to the field of Private Security, including its development, philosophies, responsibilities and functions, plus its principles, legal authority, and effects on society to the present state.
- CJUS646 **Risk Management** (3) (CJUS246) This course presents a rigorous introduction to the theoretical concepts of Risk Management, through various analytical concepts, survey techniques, insurance requirements, program development and operational activities, from a security practitioner's standpoint.
- CJUS660 **Current Issues in Crim Justice** (3) (CJUS260) A required course which complements CJUS 101 Introduction to Criminal Justice: Police, Courts and Corrections; CJUS 103 Introduction to Corrections: Practice and Procedures; CJUS 621/321 Juvenile Justice in a Changing Society, and relates numerous current political and social issues to adult and juvenile corrections.

- CJUS664 **Overview of Contemp Correction** (3) (CJUS364) Compares historical and contemporary methodologies; presents and critiques jail and prison programs and practices including issues of security, classification, etc., applies pertinent court decisions to current practices and generally analyzes institutional and non-institutional corrections in relation to today's social and political realities. Staff and inmate rights and responsibilities are presented with both their legal and ethical dimensions.
- CJUS676 **Psychology of Delinquency** (2) (CJUS276, PSYC276) An elective course dealing with types and causes of juvenile delinquency together with brief case history analysis.
- CJUS683 **Research & Planning in CJUS** (3) An elective course dealing with types and causes of juvenile delinquency together with brief case history analysis.
- CJUS784 **Research Essay: Seminar** (3) Completion of an acceptable research paper. Individual research designs are directed and executed in the classroom setting.
- CJUS792 **Internship** (3) Non-classroom program of 300 clock hours placement in correctional, law enforcement, or court setting under academic supervision gives student opportunity to actually apply criminal justice theory, knowledge and intervention skills in the "real world" of law enforcement, court or correctional practice. Opportunity is presented to acquire understanding of the criminal justice complex and the service delivery system in the community. This "hands-on" experience enables students to begin to appreciate the need for functional professional relationships, differing organizational needs within the institutional or non-institutional setting, and especially to evaluate their own response to the demands and challenges of actual work in a correctional setting. This is an essential part of the student's program and is absolutely required and can never be waived for graduation from the program.

(CLAS) Classics

- CLAS101 **Ancient Mediterran Civ I: Gree** (3) An introduction to the methodologies of ancient historical study and an account of the growth and development of ancient Greek civilization from the prehistoric to the Roman era.
- CLAS102 **Ancient Mediterran Civ II: Rom** (3) An introduction to the methodologies of ancient historical study and an account of the growth and development of ancient Roman civilization from its archeological and legendary beginnings through the Roman republic into the time of the emperors.
- CLAS120 **From Homer to Plato** (3) This course provides an understanding of the development of ancient Greek culture and history by examining the values, customs, institutions, and major historical events that shaped the Greek world, in particular Athens and Sparta, through primary and secondary source readings. An important goal is to gain insight into the Greek origins of key social, political, and cultural ideas and concepts that have contributed to the formation of Western civilization.
- CLAS121 **From Alexander to Cleopatra** (3) This course is designed to continue the investigation of the ancient Greek world, as the Greeks begin to spread across the Levant into the Middle East (momentarily as far as India). Many of the social, political, and cultural ideas and concepts developed by the Greeks that were studied in CLAS120 will continue to be explored for their contribution to the formation of Western civilization. Pre-requisite: CLAS 120
- CLAS130 **Epic and Adventures of Heroes** (3) (ENGL130) An inquiry into the epic genre, the epic hero, and epic values through a careful reading of several ancient and medieval poems.
- CLAS142 **Classical Tragedy** (3) A study of the tragic form, its poetry, and its use of myth through a careful reading of several plays of Aeschylus, Sophocles, Euripides, and Seneca.

- CLAS146 **Classical Comedy & Satire** (3) A study of ancient classical writings, comedies, which were presented on the stage, and satirical poems.
- CLAS160 **From Romulus to Octavian** (3) This course aims to provide students with an understanding and appreciation of the roots of Western civilization by exploring the culture of the ancient Romans. The purpose of this course is to build an appreciation of early Roman culture and life through a study of its history, government, social changes, and prominent personalities.
- CLAS161 **From Augustus to Attila** (3) This course aims to provide students with an understanding and appreciation of the roots of Western civilization by exploring the politics and culture of the Roman Empire. This complex period of history will be examined through a study of its history, government, social changes, and prominent personalities. Pre-requisite: CLAS 160
- CLAS170 **Near Eastern Civ I: Egypt & Nub** (3) The purpose of this course is to acquaint the students with the richness and complexity of the history of Egypt, particularly looking at how its relations with its neighbors changed over time as it looked first in one direction and then another for commercial and political links.
- CLAS171 **Near Eastern Civ II: Bible Land** (3) The purpose of this course, one which should be key for an institution such as Xavier, is to explore the integrated histories of the lands of the Bible. Students will read, hear, speak, and write about the history of the early civilizations which jockeyed for power and control of the two great commercial-military prizes: ports on the Mediterranean and control of the Tigris-Euphrates catchments. Pre-requisite: CLAS 170
- CLAS173 **Intro to Biblical Hebrew** (3) (THEO273) The purpose of this course is to provide basic instruction in the grammar, vocabulary, and syntax of Hebrew. This course is Classical Hebrew for students of the Old Testament who want to read and translate the Hebrew Bible, use a critical edition, and consult dictionaries, grammars, concordances, and commentaries.
- CLAS174 **Readings in Biblical Hebrew** (3) (THEO280, THEO579) The purpose of this course is to provide basic instruction in the grammar, vocabulary, and syntax of Hebrew. This course is Classical Hebrew for students of the Old Testament who want to read and translate the Hebrew Bible, use a critical edition, and consult dictionaries, grammars, concordances, and commentaries.
- CLAS205 **Classical Lit & Moral Imagina** (3) An examination of ethical and social issues drawn from the Greco-Roman past which illuminate contemporary society. Pre-requisite: PHIL 100, THEO 111 Co-requisites: PHIL 100, THEO 111
- CLAS210 **Word Origins & Vocabulary Dev** (3) This is a course on the etymology of English words, especially those of classical (Greek or Latin) origin. It introduces students to some basic principles of word formation, the history of the English language, and the influence of other cultures on their own. Emphasis is placed on medical, legal, and scientific terminology.
- CLAS211 **The Dead Sea Scrolls** (3) (THEO211) To introduce undergraduates to the Dead Sea Scrolls (DSS), their history, their (mis-?) representation in the popular media, the scandal surrounding them, what English translations of them are available, and what is currently being done with them.
- CLAS217 **Intro to the Church Fathers** (3) (THEO217) The first centuries of Christianity as reflected in the patristic writers. The chief Fathers. The evolution of doctrine. The unfolding of revelation. The consciousness of the indwelling spirit.
- CLAS239 **Ancient Lit, Magic & Occult** (3) This course focuses on the influence myth and magic had on the Greco-Roman cultures. The interrelation between ritual magic, derivative superstition, and women is a major component of this course. Emphasis will be placed on the study of witchcraft, the correlation between magic and religion, the influence of the occult on ritual, and the psychology of magic.

- CLAS240 **World Mythology** (3) The western tradition will be examined through in-depth comparative studies of classical mythology with the mythologies of the world (myths from but not limited to Asia, Central, South, and North America, Africa, the Near East, and Polynesia). This course emphasizes understanding mythologies as symbolic cultural systems expressing societal values.
- CLAS241 **Classical Mythology: Art** (3) A study of ancient classical myths, primarily through artifacts and works of art, highlighting the meaning and influence of its myths.
- CLAS242 **Classical Mythology: Literatur** (3) A study of the ancient classical myths, primarily through its surviving literature, highlighting the meaning and influence of its myths.
- CLAS245 **Myth and Film** (0 or 2) This workshop is an examination of the great influence of Greco-Roman mythology on the modern cinema. The course focuses on how the films we view enhance the mythic stories being presented through artistic manipulation of visual images and sound.
- CLAS251 **Near Eastern Mythology: Art** (3) The major monuments of the ancient Near East are explored as a backdrop to the art, history, and literature of Near Eastern cultures.
- CLAS252 **Near Eastern Mythology: Lit** (3) The major literary works of the ancient Near East are explored as a backdrop to the art, history, and literature of Near Eastern cultures.
- CLAS261 **Greek Archaeology** (3) The major monuments of Greek antiquity explored as a backdrop to the art, history, and literature of ancient Greece.
- CLAS262 **Roman Archaeology** (3) The major monuments of Roman antiquity explored as a backdrop to the art, history, and literature of ancient Rome.
- CLAS371 **Art/Arch/Econ/Soc-Late Antiqui** (3) A study of the coexistence of several religious and ethical systems, highlighting symbiosis and cross-fertilization. Pre-requisite: THEO 111, PHIL 100; Co-requisite: THEO 111, PHIL 100
- CLAS372 **Women in Antiquity** (3) A multi-media study of the lives of Greek and Roman women and minorities organized around topics and issues of contemporary interest. Pre-requisite: PHIL 100, THEO 111; Co-requisite: PHIL 100, THEO 111
- CLAS397 **Directed Study** (1 to 3) Credit and content of course by advance agreement between the professor and student.
- CLAS399 **HAB Capstone Thesis** (1 to 3) Senior thesis/pre-seminar course.

(COMM) Communication Arts

- COMM101 **Oral Communication** (3) Speech fundamentals as applied to public speaking and listening skills. Develops conceptual understanding of basic communication principles and the ability to think theoretically and understand the process of developing theory. Encompasses communication in the context of related areas.
- COMM123 **Survey of Mass Media** (3) Examines the history, structure, and organization of media industries, including print, electronic media, and the World Wide Web. Includes discussion of law and policy, effects, and the media's role in a democratic society.
- COMM199 **Special Study** (1 to 3) An in-depth study of a specific topic or area in communication. Pre-requisite: Permission of advisor/Chair
- COMM206 **Writing for the Media** (3) Introductory level course on writing for the media, including public media and controlled media, in print, broadcast or online form. Develops skills in journalistic, news-style writing and feature writing, as well as other style used in advertising, news and public relations. Workshop/laboratory setting with deadline writing experience. Prerequisite: ENGL 101 or ENGL 115.

- COMM207 **Interpersonal Communication** (3) Understanding of and classroom practice in effective communication between persons.
- COMM209 **Group Dynamics** (3) Dynamic and participative strategies in group process skills. Learn by participating and doing.
- COMM210 **Art of Film** (3) Film as a modern art form, treating motion, sound, editing, light, acting, director's style, and film analysis.
- COMM211 **Media Literacy** (3) Designed to help students become more intelligent and discriminating consumers of media. Develops the ability to analyze, assess, and critically evaluate media texts, images, sounds and representations. Develops awareness and understanding the media's role in news, entertainment, ideology, and power.
- COMM213 **Non-Fiction Film** (3) Development of the nonfiction film from Flaherty to "cinema of truth." Current documentaries on controversial topics will be stressed.
- COMM214 **Film Criticism** (3) Cultivating criteria for judging film from viewing and analysis. Leading theories will be discussed.
- COMM216 **Photography I** (3) The camera-structure and use. Composition, pictorial arrangement, techniques in shooting. Optics and exposure, emulsions, filters, and lighting. Techniques of laboratory developing.
- COMM222 **Theories of Communication** (3) Nature, purpose, scope, and process of communication. Models, learning, language, and communication theories.
- COMM224 **Intercultural Communication** (3) This course looks at the variety of ways cultures can influence the way we use and interpret formal and informal communication, and what that means to us as citizens of the world.
- COMM230 **Principles of Advertising** (3) A comprehensive examination of the advertising process and the principles involved in its preparation and production. Focus is on the three major components of advertising: the audience, the message, and the channels.
- COMM232 **Desktop Publishing in Adv** (3) Teaches the student the skills required to produce advertising layouts, newsletters, and presentation materials, using computers and desktop publishing software programs in Xavier University's computer laboratories.
- COMM235 **Desktop Imaging** (3) Students will be given a basic knowledge of and hands-on training in the use of Adobe Photoshop software.
- COMM237 **Elements of Copy & Design** (3) Provides fundamental knowledge and skill in advertising copywriting, layout and design. Course topics will include interpreting target audiences, creative concept formulation, advertising copywriting, design and layout. The vocabulary and language associated with graphic design/advertising and production processes will be covered. Students will develop a variety of sample advertisements during the course.
- COMM247 **Understanding New Media** (3) Explores the concepts and theories pertaining to the Internet and other new media technologies, their role in the communication process, and their consequences for society and culture. Issues addressed: content (news to hate speech to pornography), effects (i.e., Internet addiction), commerce (i.e., online shopping and advertising), and democracy (i.e., the digital divide). This course is intended for anyone interested in making sense of new media. Although the ability to use the Internet is expected, this is not a course on how to design web pages or how to improve your surfing skills.
- COMM250 **Screenwriting & Story Craft** (3) Screenwriting focuses on the conceptualization, design, organization, communication strategies, and formatting of messages and experiences for television and film. Story craft focuses on the components of storytelling including drama, narrative and scene development, characterization, and literary techniques that apply to scriptwriting. Pre-requisite: COMM 206.
- COMM254 **Television Studio Production** (3) Revolves around whole-systems thinking, including the design and development of "live," script-to-screen segments and

programs. Skills are developed in the areas of scripting, directing, technical directing, camera operation, floor management, lighting, audio, and video recording. Industry roles & responsibilities are treated, including the strategies for gaining entrance. Pre-requisite: COMM 250.

- COMM260 **Organizational Communication** (3) Organization theories and key concepts provide the framework for addressing contemporary communication issues and how these issues affect individual, group, and organization performance and effectiveness.
- COMM264 **Persuasion** (3) Teaches consumers of information how to analyze, respond to, and generate persuasive messages. A variety of organizational contexts are examined, including politics, business, religion, and advertising.
- COMM270 **Principles of Public Relation** (3) An overview of the theories and practices of public relations, its function in organizations, its history and development, and its role in society.
- COMM280 **Alfred Hitchcock in Hollywood** (2) (EDWS284, HIST280) This course is designed for undergraduates and serves as both an in-depth investigation of a major artist and an exploration of American attitudes and institutions during World War II, the Cold War, and the upheavals of the 1960s and early 70s. Students are required to do a significant amount of reading and writing.
- COMM289 **Movies and Cities** (2) (HIST289, SOCI289) This course is designed for undergraduates and serves as an introduction to both American urban history and the history of movies. It also acquaints students with interdisciplinary methods. Students are required to do a significant amount of reading and writing.
- COMM297 **America Through the Lens** (2) (EDWS286, HIST286) Films and television programs will be analyzed in order to both identify the cultural and historical messages they contain. The formulas and conventions of Hollywood genres will be examined. This understanding of genre will serve as a primary analytical tool as we de-construct the films and television programs studied in class.
- COMM299 **Special Study** (1 to 3) An in-depth study of a specific topic or area in communication. Pre-requisite: Permission of advisor/Chair
- COMM301 **Presentational Speaking** (3) Preparation and delivery of oral presentations for business and professions. Emphasizes persuasion, evidence, organize sequences, and uses of multimedia aids. Pre-requisite: COMM 101 COMM310
- COMM316 **Photography II** (3) Lecture-lab experience to improve skills in creating and developing quality photographs. Pre-requisite: COMM 216 or approval of instructor.
- COMM322 **Media Theory & Criticism** (3) Explores critical and theoretical approaches to understanding contemporary mass media, including film, television, and new media. Examines a range of perspectives, including Marxist theories, semiotics, feminist theory, political economy, narrative and genre theory, and cyber criticism.
- COMM323 **Race, Class, Gender & Media** (3) Critically examines the role of the media in enabling, facilitating, or challenging the social constructions of race, class, and gender in our society. Students will acquire analytical skills to explore race, class, and gender issues in media organizations and understand diverse audiences' responses to media representations. They will also learn about some different theories and approaches to doing research on race, class, and gender, and the mass media and develop the ability to speak and write honestly and sensitively about race and gender.
- COMM327 **Interpersonal Conflict Mgmt** (3) An examination of the process and nature of conflict, and an evaluation of various conflict styles. Explores ways of examining and applying conflict management styles in organizational contexts, the principles of negotiation and mediation, and how to apply and evaluate techniques of negotiation and mediation.

- COMM329 **Audience Survey & Research** (3) Examination and survey of gathering, analysis and the uses of audience-related information to create effective messages and campaigns. Review of design, sampling, data collection and statistical analysis. This course reviews quantitative and qualitative research methods most commonly used in the field of communication including broadcast ratings and other syndicated research.
- COMM332 **Media Strategies in Advtising** (3) A study of the characteristics of the various communication media and the methods employed in measuring their relative efficiencies in delivering the advertising message to the target audiences. Pre-requisite: COMM 329
- COMM334 **Issues in Advertising** (3) Designed to foster a critical understanding of advertising and promotion as an institution, and its role in communication, society, culture, and our economy. Topics include the continuing dialogue between supporters and critics, confronting issues related to the institution's ethical conduct, regulatory issues, and social responsibility.
- COMM338 **Internship in Advertising I** (3) Practical experience in a real world situation.
- COMM348 **Internship in Elec Media Radio** (3) Practical experience in a real-world situation.
- COMM354 **TV, Video & Film Production** (3) Producing video on-location from a script. News, interview, documentary, corporate, and film-style productions are covered, along with the requisite skills in directing, teamwork, camera operation and aesthetics, sound recording, lighting, and non-linear editing. Throughout, the emphasis is on the whole-systems thinking and effective communication. Pre-requisite: COMM 254.
- COMM358 **Internship: Elec Media/TV I** (3) Practical experience in a real world situation.
- COMM360 **Adv Organizational Comm** (3) Critical case study analysis of communication processes and practices. Along with the analysis, students will be expected to construct proposals for interventions. Explores contemporary organizational communication theories. Students will learn the Case Analysis Method and how to apply behavioral interviewing methods for employment and performance appraisals. Pre-requisite: COMM 260
- COMM362 **Org Communication Research** (3) Offers a basic understanding of the methods used to test hypotheses and answer research questions in organizational communication research. Study of how to use focus groups, surveys, and communication audits, how to construct a basic research study, how to critically evaluate industry and academic research, and how to select and evaluate appropriate methodology for a variety of research questions.
- COMM363 **Written Comm in Organizations** (3) Concepts which guide the writing of organizational communication professionals and practical application of those concepts. Standards of correctness are expected.
- COMM364 **Special Events Planning** (3) This course is designed to introduce students to the process involved in planning, organizing, and executing major events. Pre-requisite: COMM 230 or COMM 240 or COMM 260 or COMM 270
- COMM372 **Junior Sem: Publics in Pub Rel** (3) A comprehensive seminar course about publics. Students will study a theory of publics and organizational environments that shows how publics arise and become active to the extent that they create a public relations problem for an organization. Pre-requisite: Junior Standing.
- COMM375 **Feature Writing Publication** (3) Develops skill in writing feature articles for print media. Pre-requisite: ENGL 101 or ENGL 115 plus at least one additional college writing course.
- COMM376 **PR & Fundraising:Nonprofit Org** (3) Presents the principles and practices of public relations and fundraising as applied in the nonprofit sector, including such fields as human services, education, health care, the arts and culture, social action, and religion. Pre-requisite: Junior status

- COMM377 **Corporate Comm in Marktg Mix** (3) Presents the principles and practices of public relations as applied in the business and industrial sector; gives particular attention to such areas as employee relations and unionization, investor relations, marketing communications, and regulatory and governmental affairs. Pre-requisite: Junior status
- COMM378 **Intern: Public Relations I** (3) Provides students with hands-on experience in a real public relations setting, under the direct supervision of a professional public relations practitioner. Pre-requisite: 15 hours of Communication Arts, including: COMM 270 COMM 271. Junior status approval of the coordinator of the public relations major
- COMM385 **Media, Democracy & the Public** (3) This course examines the role mass media play in creating and sustaining a democratic and civil society. The major emphasis of the course is to understand the current state of the media and their impact on the citizenry and democratic institutions. The course also reviews the historical turning points that gave birth to major media institutions and scrutinize the role media played to convert the “public” into “masses.” (PPP Honors Seminar - Open to all majors)
- COMM399 **Special Study** (1 to 3) An in-depth study of a specific topic or idea in communication. Pre-requisite: Permission of advisor/Chair
- COMM410 **War & Peace in Literature&Film** (3) (POLI410) Overview of political issues related to war and peace illustrated with examples from literature and film. Treatment of war and peace in the media from Civil War to Vietnam War.
- COMM411 **Short Story/Short Film** (3) A detailed study of the film versions of some famous short stories. Comparisons and contrasts will illuminate the author’s point of view and the film director’s sometimes rewriting of it.
- COMM423 **Gender and Communication** (3) An examination of gender differences in communication and how they impact our daily lives.
- COMM424 **Non Verbal Communication** (3) The study of the various components of nonverbal communication and how they greatly influence our lives in many arenas, including the family, politics, and the workplace.
- COMM426 **Media Law & Policy** (3) Examines laws, statutes and policies as they apply to mass media. This course is designed to provide the student with an understanding of rationale and origins of laws and the policy making process, the challenges policy makers and court systems face forming, implementing and interpreting laws and statutes. Special emphasis will be paid to First Amendment, copyright, trademark and patent issues as they apply to the media and the workings of FCC and FTC.
- COMM430 **Creative Strategies Advrtsing** (3) A study of the theoretical foundations and the process of developing advertising and promotional strategy; methods of utilizing research data for developing and evaluating advertising strategy. Pre-requisite: COMM 332.
- COMM432 **Direct Response Advertising** (3) Examines the structure and organization of direct response advertising. Focus will be on creative methods and research procedures for preparing and evaluating direct advertising campaigns.
- COMM438 **Internship: Advertising II** (3) Practical experience in a real world situation.
- COMM439 **Senior Sem-Adv: Campaigns** (3) The capstone advertising course requiring the student to prepare and produce a complete general advertising campaign utilizing concepts learned in previous advertising courses. Pre-requisites: COMM 332; senior status.
- COMM448 **Intern: Elec Media/Radio II** (3) Practical experience in a real-world situation.
- COMM452 **Aesthetics & Tech Post-Prod** (3) Rules and principles involved in the art of video post-production. Through practice and hands-on instruction, this course explores cinematic grammars and a variety of storytelling strategies and techniques. Pre-requisite: COMM 354.
- COMM458 **Internship: Elec Media/TV II** (3) Practical experience in a real world situation.
- COMM459 **SR Sem-Elect Media: Adv Prod** (3) This capstone course calls into play the full range of theoretical knowledge, creativity, skills, and talents that students

developed in the lower-level production courses. Students design and produce professional quality, scripted videos or a whole program. Pre-requisite: COMM 452; senior standing.

- COMM467 **Current Issues in Org Comm** (3) An in-depth look at the most important communication problems and challenges facing organizations today.
- COMM468 **Intern in Org Comm II** (3) Practical experience in an organizational setting. Consult with your advisor for qualifications and requirements.
- COMM469 **Senior Sem: Org Comm** (3) The capstone course of the organizational communication major, this course asks students to use and reflect on the theories and skills they have learned throughout the major to complete a senior project. Pre-requisite: Senior Standing
- COMM471 Writing for Corporate Comm (3) Develops skills in writing position papers, executive speeches and other top-level corporate communications. Pre-requisite: COMM 206
- COMM477 **PR Ethics in Society** (3) A comprehensive course that examines the major ethical and legal principles that guide the responsible practice of public relations in American society. Pre-requisite: COMM 270; junior or senior standing.
- COMM478 **Intern: Public Relations II** (3) Provides students with advanced hands-on experience in a real public relations setting, under the direct supervision of a professional public relations practitioner. Pre-requisite: 21 hours of Communication Arts including: COMM 378, Senior status, approval of the Public Relations major coordinator
- COMM479 **SR Sem: PR Management** (3) Presents management theories and techniques as applied to public relations activities and functions; workshop approach provides students skills for developing public relations campaigns. Pre-requisite: 18 hours of previous work in public relations major, including COMM 270; Senior status
- COMM499 **Special Study** (1 to 3) An in-depth study of a specific topic or area in communication. Pre-requisite: Permission of advisor/Chair

(CSCI) Computer Science

- CSCII70 **Computer Science I** (3) This course is an overview of computer science. Topics include problem solving and algorithms, machine architecture, operating systems, assembly language, higher level programming languages, compilers, limits of computation, networking, applications, and social/ethical issues.
- CSCII74 **Programming in "C"** (1) Introduction to the basic syntax of C through a series of weekly two-hour laboratory exercises and programming projects. Pre-requisite: CSCI 170, CSCI 180 or consent of instructor.
- CSCII75 **C/C ++** (3) Structured programming and problem solving. Data manipulation, functions, arrays, structures, pointers, and files. Fundamental algorithms.
- CSCII80 **Computer Science II** (3) Program design: advanced syntax of a programming language; dynamic memory; recursion; sorting; searching; stacks; queues; social and ethical issues related to software design and reliability. Pre-requisite: CSCI 170.
- CSCII81 **Computer Science Lab** (1) Introduction to the syntax of a programming language and to program design techniques. Co-requisite: CSCI 180.
- CSCII210 **Machine Org & Assembly Lang** (3) Machine level representation of data, assembly level machine organization, memory system organization and architecture, number representation and errors, assembly language. Pre-requisite: CSCI 170.
- CSCII220 **Data Structures & Algorithms** (3) Trees, hashing, advanced sorts, numerical algorithms, algorithm analysis, algorithm design and problem solving strategies. Pre-requisite: CSCI 180, MATH 180.
- CSCII250 **Languages & Automata** (3) Finite-state-automata and regular expressions, context-free grammars, pushdown automata. Turing machines, computability

- and undecidability, complexity classes. Pre-requisite: MATH 180, CSCI 170; CSCI 180 is also recommended.
- CSCI260 **Software Engineering** (3) Software development process; software requirements and specifications; software design and implementation; verification and validation. Pre-requisite: CSCI 220.
- CSCI300 **Programming Languages** (3) History of programming languages; virtual machines; sequence control; data control; scoping; parameter passing; sharing and type checking; run-time storage management; programming language semantics; programming paradigms. Includes a brief introduction to several different languages as examples of paradigms. Pre-requisite: CSCI 220, CSCI 250.
- CSCI310 **Compiler Construction** (3) Study of grammars, syntax, semantics, interpreters, and compilers. Including the construction of a simple language and a compiler/interpreter. Pre-requisite: CSCI 220, CSCI 250; CSCI 260 is also recommended.
- CSCI320 **Operating Systems** (3) Operating system software and hardware design and implementation; tasks and processes; process coordination, synchronization, and scheduling; physical and virtual memory organization; file systems and naming; security and protection. Pre-requisite: CSCI 210, CSCI 220; CSCI 260 is also recommended.
- CSCI321 **Numerical Analysis** (3) Accuracy; function evaluation and approximation; systems of linear equations; nonlinear equations; numerical differentiation and integration; solutions to differential equations. Pre-requisite: CSCI 180, MATH 171
- CSCI335 **Databases** (3) Database systems are the software systems used to manage large volumes of data. The principles of database systems, hardware characteristics, file organization and evaluation, data models, database schemas, etc., are studied from both a theoretical and practical viewpoint. The emphasis will be on solving the problems encountered in designing and using a database system, regardless of the underlying hardware and operating system on which the database system will run. Pre-requisites: CSCI 210, CSCI 220, MATH 180.
- CSCI340 **Networking** (3) Principles of abstraction underlying modern networks with an emphasis on the technologies underlying the Internet. Applications, transport protocols, routing protocols, network protocols and link protocols will be covered. Problem solving, including programming, at all layers of the networking model will be emphasized. Pre-requisites: CSCI 220
- CSCI350 **Advanced Algorithms & Theory** (3) Advanced algorithm design and analysis of algorithms; NP-Completeness, parallel algorithms; heuristic techniques for intractable problems. Pre-requisite: CSCI 220; CSCI 250 is also recommended.
- CSCI370 **Artificial Intelligence** (3) Methods of problem solving in artificial intelligence. Heuristics, evaluation functions, search strategies, and a survey of AI projects. Introduction to LISP or other language used for AI programming. Pre-requisite: CSCI 220.
- CSCI380 **Topics in Computer Science** (1 to 3) Advanced computer science topics, specified by instructor.
- CSCI390 **Senior Seminar & Project** (2 or 3) Design, implementation, documentation, and presentation of a significant computer science project. Pre-requisite: Senior Computer Science major
- CSCI395 **Co-Op Education in Comp Sci** (3) Integrates professional work experience with classroom training by providing students with advanced hands on work experience in a real software engineering environment under the direct supervision of a professional software developer. Pre-requisite: CSCI 170, CSCI 180, CSCI 181, CSCI 210, CSCI 220, CSCI 260, COMM 207. Student must meet Co-Op program requirements and have the approval of their departmental advisor.
- CSCI397 **Special Reading in Comp Sci** (3) Credit by arrangement with instructor.

(ECON) Economics

Undergraduate Courses

- ECON200 **Microeconomic Principles** (3) Principles governing the efficient allocation of the nation's scarce resources. Economic behavior of consumers, producers, and resource owners.
- ECON201 **Macroeconomic Principles** (3) Economic activity of the economy as a whole. The role of public policy in relation to issues of full employment, price stability, economic growth, government finance, and international trade. Pre-requisite: ECON 200.
- ECON209 **Economics and Public Issues** (3) Analysis of a series of public issues from economic and ethical perspectives. ECON 209 does not count as either an economics elective or a business elective, but does count as an E/RS Focus elective. Pre-requisite: PHIL 100, THEO 111; Co-requisite: PHIL 100, THEO 111.
- ECON300 **Int'l Trade & Bus Environment** (3) An analysis of International Trade and Finance; the behavior of the multinational enterprise; the impact of the global economy on traditional business strategies. Pre-requisite: ECON 201.
- ECON303 **Co-Op Education/Economics: JR** (3 to 6) An elective cooperative experience where students earn academic credit while performing approved economic-related work experience. Pre-requisite: MGMT 301, 55 credit hours completed, 2.750 GPA, departmental approval.
- ECON305 **Microeconomic Analysis** (3) An in-depth study of consumer behavior, production costs, the firm, market structure, factor markets, and general equilibrium analysis. Pre-requisite: ECON 201.
- ECON306 **Macroeconomic Analysis** (3) Theoretical foundations of macro models integrating real and monetary sectors in both open and closed economies. Controversies in modern macro theory, with emphasis on business cycle theory. Pre-requisite: ECON 201.
- ECON315 **History of Economic Thought** (3) Ideas and theories of major contributors to economic thought, including, Smith, Mill, Marx, and Keynes. Primary sources will be used. Pre-requisite: ECON 201, PHIL 100, THEO 111.
- ECON316 **Globalization** (3) Over the last decade globalization has been the cause of much hope and promise; at the same time it has been the cause of the student, worker, and environmentalist protests all over the world. The course will be an interdisciplinary examination of the political, cultural, economic, theological, and ethical dimensions of globalization. It will be team-taught by faculty from economics, political science, theology and the E/RS program. There will also be a number of invited experts from the US and abroad who will meet with the class.
- ECON320 **Natural Resource Economics** (3) Economic analysis of managing the environment and allocating natural resources. Historical roots and ethical consequences of existing problems and policies are explored. Pre-requisite: ECON 200, PHIL 100, THEO 11; Co-requisite: PHIL 100, THEO 111.
- ECON323 **Intro to Mathematical Econ** (3) Synthesis of mathematical techniques and economic theory. A mathematical review of economic models, static equilibrium, comparative statics, optimization, dynamic analysis, and mathematical programming. Pre-requisite: ECON 201, MATH 150.
- ECON330 **Comparative Econ Systems** (3) Study of systemic properties of alternative capitalist, socialist, traditional, and utopian economies. Pre-requisite: ECON 201.
- ECON340 **U.S. Economic History** (3) Economic evolution of the U.S. from colonial times to the present. Pre-requisite: ECON 201.
- ECON341 **Econ of Developing Countries** (3) Analysis of the main problems of developing countries, methods of generating growth and development, and

- consideration of the international distribution of wealth. Pre-requisite: ECON 201.
- ECON390 **Topics in Economics** (3) Selected problems. Examples include: energy, natural resource, environmental and urban economics. May be taken for credit more than once. Pre-requisite: ECON 201.
- ECON403 **Co-Op Educ/Econ-Intl Bus: SR** (3 to 6) An elective cooperative experience where students earn academic credit while performing approved economic-related work experience. Pre-requisite: MGMT 301, 55 credit hours completed 2.750 GPA, departmental approval required.
- ECON410 **Applied Econometrics** (3) The construction and testing of economic models. Emphasis given to linear regression techniques, special problems in estimating economic relationships, and interpretation of results. Pre-requisite: ECON 305 or ECON 306, STAT 200.
- ECON430 **Industrial Organization** (3) Basic conditions, market structures, conduct and performance of American industry. Public policy related to the problems of monopoly and business conduct. Pre-requisite: ECON 305.
- ECON440 **Public Economics** (3) Study of economic efficiency, distribution and role of government in the economy. Topics include: market failure, public and private provision of public goods, an analysis of the principles of government expenditure and taxation. Pre-requisite: ECON 305.
- ECON450 **International Economics** (3) Basis for trade between nations. Barriers to trade. Balance of payments. Exchange rate determination. Monetary and fiscal policies in an open economy. Pre-requisite: ECON 305, ECON 306; Co-requisite: ECON 306.
- ECON460 **Labor Economics** (3) Analysis of labor market behavior. Issues of compensation, human capital investment, unionization, discrimination, and the influence of the labor market on the macro economy. Pre-requisite: ECON 305.
- ECON495 **Managerial Economics** (3) Applied microeconomic analysis for decision-making within the business firm. Topics include pricing decisions, internal labor issues, and external market pressures. Pre-requisite: ECON 305, STAT 200.
- ECON499 **Tutorial Course** (2 to 3) Special reading and study for advanced students. Approval of department chair and dean required.
- Graduate Courses**
- ECON705 **Applied Economic Analysis** (4) Students analyze the economic behavior of the consumer and producer and combine economic theory and applications in order to understand and evaluate the national and international environment. Classical and contemporary economic models provide the framework for analysis and real world application. Current economic issues and the impact of monetary and fiscal policies are considered. Pre-requisite: Admission to the Executive MBA program.
- ECON805 **Microeconomic Analysis** (2) Implications of rational decision-making for consumer and business behavior. Allocation of resources in market economies; concepts of economic efficiency and market failure. Impact of market structure on performance and behavior of firms. Pre-requisite: ECON 801 or equivalent.
- ECON806 **Macroeconomic Analysis** (2) Introduction to the economic way of thinking: scarcity, choice, opportunity cost, comparative advantage, and supply and demand analysis. Basic macroeconomic terminology. The aggregate demand explanation of economic fluctuations. Introduction to monetary and fiscal policy.
- ECON901 **Global Economic Environment** (3) Description and analysis of macroeconomics policies in a global environment, with emphasis on how international trade and capital flows affect the impact of monetary, fiscal, and supply-side policies on traditional macroeconomic variables. Pre-requisite: ECON 805, ECON 806 or equivalent.

- ECON902 **Managerial Economics** (3) Economic analysis as applied to practical business operations. Topics include demand analysis, forecasting, cost analysis, and pricing techniques. Pre-requisite: ECON 805, ECON 806.
- ECON927 **International Econ & Business** (3) Growth and direction of trade, internationalization of business, role of governments. Mechanics of financing foreign trade and investment. Pre-requisite: ECON 805, and ECON 806.
- ECON932 **Business Forecasting** (3) Development and application of statistical techniques used in short-term forecasting. Pre-requisite: STAT 801, ECON 902. ECON990 **Sem: Current Econ Problems** (3) Topics selected from current significant theory and policy issues. Pre-requisite: ECON 902.
- ECON995 **Individual Readings & Research** (2 to 3) Open to especially qualified students with the consent of the department chair and dean.

(ED__) Education

(EDAD) Education: Administration Graduate Courses

- EDAD543 **Supervision of Instruction** (3) Study of formative and summative supervision processes with emphasis on accountability and utilizing supervision for individual professional growth. Includes practical application of state mandated instructional policies and processes.
- EDAD547 **Contemporary Problems of ED** (1 to 3) Study of current problems that are proving perplexing within the multiple context of administration and leadership: finance, law, curriculum, philosophy, political, and research.
- EDAD548 **Principalship** (3) This course is designed to incorporate both administrative theory and practice, especially as it relates to the role of the principal. There is a special emphasis on the changes in the role of principal as a result of demographic changes in society, state and local regulations, and in schools. Students will be exposed to information that is viewed as relevant and unique to the administration of schools. The information is based in part on legal and regulatory requirements that have been identified as essential for beginning administrators. The Conceptual Framework will be based on The Interstate Standards (ISLLC) and will be consistent with NCATE standards.
- EDAD560 **Pupil Pers Acctg & Records Mg** (3) Designed to prepare Kentucky school personnel for Director of Pupil Personnel.
- EDAD561 **Admin of Pupil Personnel Serv** (2 to 3) Duties and functions involved in administering pupil personnel services and in pupil accounting. Responsibilities of the director of pupil personnel. Systemized record management.
- EDAD562 **Political Structure & Public R** (3) Relations of school and community. Effective use of public relations media- press, radio, television. The political system, structures, and schools.
- EDAD563 **School Bus Affairs & Phys Faci** (3) Budgetary control, purchasing, food, supplies, equipment and machinery, school insurance, plant records, maintenance and repair, pupil transportation, utilization of facilities. In addition, the school construction process is reviewed and analyzed.
- EDAD564 **Admin of Staff Personnel** (3) Staff personnel program, hiring, fringe benefits, salary schedules, staff development and evaluation. Employer-employee relations, collective bargaining and contract management.
- EDAD565 **School Law I** (3) Legal framework within which schools operate. Federal and state precedents. State code. Legal provisions for school finance.
- EDAD566 **School Finance & Economics** (3) Current issues, financing American elementary and secondary education, revenue sources and expenditures. Ohio school financing. Economic system and cycles. The economy and its influence on the schools.
- EDAD570 **Policy Planning & Evaluation** (3) Strategic planning, assessment and evaluation of educational programs and student achievement.

- EDAD572 **Educational Technology** (3) Computer technology for school management within the administrative functions of pupil personnel, staff personnel, financial management, and non-instructional services.
- EDAD660 **Curr Design & Teach Strategies** (3) Theory and practice of curriculum design, development, implementation and evaluation. Correlates curriculum and teaching strategies. Includes formative and summative supervisory functions.
- EDAD710 **Superintendent Seminar** (3)
- EDAD771 **Internship:Principal I** (3)
- EDAD772 **Internship:Spec-Research I** (3)
- EDAD773 **Internship:Spec-Staff Pers I** (3)
- EDAD774 **Internship:Spec-Curr Inst I** (3)
- EDAD775 **Internship:Spec-Pupil Svcs I** (3)
- EDAD776 **Internship:Spec-Sch/Com Relat** (3)
- EDAD777 **Internship:Spec-Vocational Ed** (3)
- EDAD778 **Advanced Administrative Practi** (3) A 100 hour field experience in organizational, strategic, instructional, and community and political leadership. Class activities include administrative theory, resume writing, and in interview skills.
- EDAD779 **Internship:Superintendency I** (3)
- EDAD781 **Internship:Principal II** (3)
- EDAD782 **Internship:Spec-Research II** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during the internship.
- EDAD783 **Internship:Spec-Staff Pers II** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The students will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during the internship.
- EDAD784 **Internship:Spec-Curr Inst II** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during their internship.
- EDAD785 **Internship:Spec-Pupil Svcs II** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during their internship.
- EDAD786 **Internship:Spec-Sch/Com Relat** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during the internship.

- EDAD787 **Internship:Spec-Vocational Ed** (3) Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during the internship.
- EDAD789 **Internship:Superintendency II** (3)

**(EDAT) EDUCATION: ATHLETIC TRAINING
Undergraduate Courses**

- EDAT143 **Intro to Athletic Training** (3) Overview course including basic components of a comprehensive athletic training career outlining the prevention, recognition and evaluation of athletic injuries. History, philosophy and career opportunities of the profession; emergency procedures; tissue healing; taping procedures; ethical and legal considerations; and the organization and administration of athletic training programs.
- EDAT150 **Practicum I** (1) A practicum for students preparing to become athletic trainers. Emphasis on introductory skills, techniques, and athletic training room management. Includes a focus on screening procedures, environmental concerns, protective equipment, fitness testing, record keeping and acute care of athletic injuries and illnesses. Pre-requisite: EDAT 143 and admission to the athletic training program.
- EDAT168 **First Aid, Safety and CPR** (3) This course certifies students through the American Red Cross in both First Aid and CPR for the professional rescuer. This class stresses the basic steps to follow in an emergency situation including assessment, life-threatening emergencies, injuries, medical emergencies, rescues, healthy lifestyles, and disease transmission.
- EDAT250 **Practicum II** (1) A practicum for students preparing to become athletic trainers. Emphasis on the skills of taping, padding, and bracing. Pre-requisite: EDAT 150 and admission to the athletic training program.
- EDAT267 **Physiology of Exercise** (3) Human physiology as it relates to exercise and physical activities. Bioenergetics, muscle physiology, cardiovascular physiology, environmental physiology, ergogenics, special populations, and health and fitness.
- EDAT343 **Therapeutic Modalities** (3) A comprehensive study of therapeutic agents for the treatment of athletic injuries. Emphasis on the indications, contraindications, precautions, and physiological effects of muscle stimulation, ultrasound, cryokinetics, and pharmacology. Pre-requisite: Admission into the athletic training education program.
- EDAT344 **Therapeutic Exercise** (3) A comprehensive study of the application of manual therapy, neuromuscular re-education, movement and exercise as each relates to the varied and detailed goals of rehabilitation and reconditioning for injured physically active individuals. Emphasis on pathologies and their relationships to therapeutic exercise. Prerequisites: EDAT 343 and admission into the athletic training education program.
- EDAT345 **Orthopedic Injuries I** (3) (EDAT545) A comprehensive study of the lower extremity including foot, ankle, knee, thigh, hip, and pelvis with attention to prevention, recognition, and rehabilitation of related injuries. Prerequisite: Admission into the athletic training education program.
- EDAT346 **Orthopedic Injuries II** (3) (EDAT546) A comprehensive study of the upper extremity including fingers, hand, wrist, arm and shoulder complex with attention to prevention, recognition and rehabilitation of related injuries. Prerequisite: Admission into the athletic training education program.

- EDAT347 **Orthopedic Injuries III** (3) (EDAT547) A comprehensive study of the head, neck, and spine with special attention to prevention, recognition, and rehabilitation of related injuries. Prerequisite: Admission into the athletic training education program.
- EDAT350 **Athletic Train Practicum III** (2) A practicum for students preparing to become athletic trainers. Emphasis on therapeutic modalities, therapeutic exercise and motivational techniques for rehabilitation. Pre-requisites: EDAT 250 and admission to the athletic training education program.
- EDAT375 **Field Exp in Athletic Training** (1) This course allows the athletic training student the opportunity to practically apply current practices, principles, and techniques in athletic training under appropriate supervision in a real-world setting. May be repeated 6 times for course credit. Prerequisite: Admission into the athletic training education program.
- EDAT386 **Advanced Kinesiology** (2) In-depth study designed for Athletic Training majors. Study of human movement including analysis of muscular physiology, biomechanics, principles of physics as applied to joint movement through individual muscular contractions. Emphasis on biomechanical analysis for the prevention and treatment of athletic injuries. Pre-requisites: BIOL 140, BIOL 143 Co-requisite: EDAT 387. Pre-requisite: Admission to the athletic training education program.
- EDAT387 **Advanced Kinesiology Lab** (1) Laboratory course complementing the course content of EDAT 386. Co-requisite: EDAT 386. Pre-requisite: Admission to the athletic training education program.
- EDAT405 **General Medical Conditions** (2) A comprehensive study of the internal organs of the body for screening of internal injuries and general medical conditions in athletic participation. Special attention to prevention, recognition, and treatment of general medical conditions and the referral of life-threatening injuries. Prerequisite: Admission into the athletic training education program.
- EDAT406 **General Medical Conditions Lab** (1) Laboratory complementing the course content of EDAT 405. Co-requisite: EDAT 405. Prerequisite: Admission into the athletic training education program.
- EDAT410 **Athletic Training Org & Admin** (3) To emphasize the administrative and managerial duties of the physical education teacher, athletic trainer, sport administrator, and coach at the secondary level. Emphasis on leadership and supervision, human relations, communication, organizational structure and climate, sport law, budget management and equipment purchasing, pre-participation physical examinations, drug testing, and facility and event management. Prerequisite: Admission into the athletic training education program.
- EDAT425 **Nutrition** (2) Nutrition and its role in human performance. The classes of nutrients, their physiological functions, and their role in sports and fitness. Nutritional supplements and ergogenic doping will also be addressed.
- EDAT450 **Practicum IV** (2) A practicum for students preparing to become athletic trainers. Emphasis on advanced injury assessment techniques, taping, bracing, and padding techniques, and professional development. Pre-requisite: EDAT 350 and admission to the athletic training education program.
- EDAT470 **Independent Study** (1 to 3) Investigate an area of interest within the area of sports medicine. Pre-requisite: Advisor's approval.
- EDAT492 **Athletic Training: SR Seminar** (3) A culminating experience which presents an extensive overview of the entire professional preparation in Athletic Training. Resume writing, job interviewing skills, and graduate school selection are included. Pre-requisite: admission to the athletic training education program.

(EDCH) EDUCATION: CHILDREN'S LITERATURE

Undergraduate Courses

- EDCH305 **Storytelling - Cultural Craft** (3) (EDCH505) Study and practice in the art of storytelling. Emphasis on both classroom application and formal program presentation.
- EDCH310 **Writing & Publish for Children** (3) (EDCH510) Detailed guidance for all aspects of teaching, using and developing writing for children, from workshop methods to pre-writing and revising, to issues of grammar and evaluation, to publication of various genre of writing.
- EDCH315 **Adolescent Literature** (3) (EDCH515) Focused study of the literature available for classroom use of the adolescent. Current and classic authors and illustrators of both fiction and nonfiction studies.
- EDCH320 **Multi-Cultural Lit for Childrn** (3) (EDCH520) Multi-culturism and the politics of Children's Literature. Study of literature by and about African Americans, Native Americans, Hispanics, and other racially, ethnically, and socially diverse people. Strategies for classroom use and selection.
- EDCH324 **Children's Lit for Early Child** (3) (EDCH524) Children's literature for early childhood licensure. Study of literary genre to include picture books, poetry, traditional literature, fiction and nonfiction appropriate for language development and curriculum of the emergent reader.
- EDCH326 **Children's Lit for Middle Chil** (3) (EDCH526) Children's literature for the middle school licensure. Study of literary genre from picture books to non-fiction as it applies across the content curriculum of the middle school.

Graduate Courses

- EDCH501 **Advanced Children's Literature** (3) Survey of the history and content of Children's literature through the study of various genre: picture books, traditional literature, poetry, fiction, nonfiction and informational books. Focus will be on current literature and classroom application.
- EDCH505 **Storytelling as a Cultural Cra** (3) (EDCH305) Study and practice in the art of storytelling. Emphasis on both classroom application and formal program presentation.
- EDCH510 **Writing & Publishing for Child** (3) (EDCH310) Detailed guidance for all aspects of teaching, using and developing writing for children, from workshop methods to pre-writing and revising, to issues of grammar and evaluation, to publication of various genre of writing.
- EDCH515 **Adolescent Literature** (3) (EDCH315) Focused study of literature available for classroom use of the adolescent. Current and classic authors and illustrators of both fiction and nonfiction studies.
- EDCH520 **Multi-Cultural Lit for Childrn** (3) (EDCH320) Multi-culturism and the politics of Children's Literature. Study of literature by and about African Americans, Native Americans, Hispanics, and other racially, ethnically, and socially diverse people. Strategies for classroom use and selection.
- EDCH524 **Children's Lit for Early Child** (3) (EDCH324) Children's literature for early childhood licensure. Study of literacy genre to include picture books, poetry, traditional literature, fiction and non-fiction appropriate for language development and curriculum of the emergent reader.
- EDCH525 **Anly of Child Lit in Global So** (3) Study of major works by several contemporary children's authors explored. Analysis of style, character development, theme, plot, and setting discussed. Literacy style of both male and female authors researched and compared.
- EDCH526 **Children's Lit for Middle Chil** (3) (EDCH326) Children's literature for the middle school licensure. Study of literary genre from picture books to non-fiction as it applies across the content curriculum of the middle school.

(EDCO) EDUCATION: COUNSELING

Undergraduate Courses

- EDCO141 **Career and Life Planning** (2) Course is designed to provide knowledge and skill in personal career and life planning, particularly for those who are undecided about their college major and/or future career plans. Emphasis is placed on identifying strengths, clarifying values, exploring career options and developing effective decision-making skills.
- EDCO434 **Intro to Rational Behav Therap** (2) (CJUS430, CJUS530) Rational emotive behavioral therapy is a self-help form of counseling to increase skills in reasoning to deal with problems and stresses of daily living and to regain emotional and mental health.

Graduate Courses

- EDCO501 **Lifespan Development** (3) Understanding of the nature and needs of individuals at all developmental levels, learning theory and personality development, normal and abnormal behavior, lifespan transitions. Restricted to Counseling or Community Counseling majors.
- EDCO502 **Intro to College Counseling** (2) An examination of college admissions processes, financial aid options, and admissions testing issues. Restricted to Counseling majors.
- EDCO509 **Counseling Research Methods** (2) Investigation into counseling research. Review of literature, planning research, and methods of conducting research. Restricted to Counseling or Community Counseling majors.
- EDCO519 **Coping with Death & Dying** (2) Awareness of the grief process. Counseling techniques to assist those experiencing loss.
- EDCO533 **Counseling Theories & Techniqu** (3) Theory of counseling, case method, ethics, relationships to testing and to other sources of data, interviewing, place and value of records, clinical procedures. Restricted to Counseling or Community Counseling majors.
- EDCO534 **Elementary School Counseling** (2) Principles, philosophy, administration, and organization of guidance services in the elementary school setting. Role and function of the counselor.
- EDCO536 **Group Process** (3) Laboratory course with required participation in a growth group. Individual relations. Restricted to Counseling or Community Counseling majors.
- EDCO537 **Intro to School Counseling** (3) Administrative operations related to school counseling services, personnel and staffing, budget, and public relations. Restricted to Counseling majors.
- EDCO579 **Psychological & Achieve Testin** (2) Group tests. Testing procedures. Rationale of intelligence, aptitude, achievement, interest, and personality tests. Selection and evaluation of group tests. Restricted to Counseling or Community Counseling majors.
- EDCO630 **Intro to Community Counseling** (2) Historical developments and current practice in various agency counseling settings. Restricted to Community Counseling majors.
- EDCO631 **Counseling Issues and Ethics** (2) Ethical responsibilities of the counselor and counseling as a profession. Restricted to Counseling or Community Counseling majors.
- EDCO632 **Intro to Reality Therapy** (2) Theory, practice, strength, dynamics of failure, success identity. Restricted to Counseling or Community Counseling majors.
- EDCO633 **Substance Abuse** (2) Follow-up of disease concept of alcoholism. Exploration of intervention techniques in alcohol and other drugs.
- EDCO634 **Brief Counseling Interventions** (2) An introductory seminar to brief solution-oriented counseling principles and techniques. Examination of underlying values and assumptions of brief counseling with particular emphasis on the theory and practice of intervention strategies and techniques. Restricted to Counseling or Community Counseling majors.

- EDCO636 **Career Counseling** (3) A study of career choice theories. Sources of occupational information, assessment. Models related to career development programs in various settings. Restricted to Counseling or Community Counseling majors.
- EDCO638 **Cross-Cultural Counseling** (2) Impact of culture on the counseling process as well as an understanding of cultural differences (e.g., race, gender, ethnicity). Restricted to Counseling or Community Counseling majors.
- EDCO639 **Drug Counseling** (2) Concepts of drug and alcohol counseling. Various models of chemical dependency are explored. Restricted to Counseling or Community Counseling majors.
- EDCO640 **Family Relations** (2) Issues related to the family and various theories of family counseling. Restricted to Counseling or Community Counseling majors.
- EDCO642 **Consultation and Supervision** (3) Historical development of consultation and models of consultation. Application of theoretical material to case presentations. Supervision techniques, strategies, and ethical responsibilities of supervisors in a counseling setting. Restricted to Counseling or Community Counseling majors.
- EDCO662 **Special Study: Counseling** (1 to 3) Individualized in-depth study of specialized counseling topic. Restricted to Counseling or Community Counseling majors.
- EDCO669 **Counseling Practicum I** (3) Practicum experience involves completing audio-taped interviews with bona fide clients and producing case history write-ups. Students in EDCO 669 must carry liability insurance purchased through the university. Pre-requisites: EDCO 533, EDCO 536, EDCO 579, and EDCO 631. Restricted to Counseling or Community Counseling majors.
- EDCO670 **School Counseling Internship** (2 to 6) This field course comes at the end of the Counseling Program and serves in lieu of a comprehensive exam. A minimum of 600 clock hours of supervised counseling experiences in a School Counseling Program is required. Normally students are expected to find their own placement. However, please consult the program clinical coordinator needed. Students in EDCO 670 must carry liability insurance purchased through the University. Pre-requisite: EDCO 669. Restricted to Counseling majors.
- EDCO671 **Counseling Internship** (1 to 6) An experiential integrative field placement in counseling under the direction of an approved supervisor. The experience requires a minimum of 600 hours, of which 240 hours are in direct services which include the diagnosis and treatment of mental and emotional disorders and conditions. Pre-requisite: EDCO 669. Restricted to Community Counseling majors.
- EDCO760 **Personality & Abnormal Behavior** (3) Dynamics of the disturbed personality; symptoms, causes, treatment of psychoneuroses, psychoses, deviant personalities. Emphasis is placed on psychopathological conditions related to children, adolescents, young and middle-life adults, and the aged. Restricted to Community Counseling majors.
- EDCO761 **Appl of Psnty Theory to Clin P** (3) Description, evaluation, and application of specific personality theories in the context of mental health work with children, adolescents, young and middle-life adults, and the aged. Restricted to Community Counseling majors.
- EDCO762 **Intel & Personality Assessment** (4) Emphasis is placed on methods of administering and interpreting individual and group standardized tests. Evaluation techniques of mental and emotional status, including use of assessment procedures and diagnosis and treatment planning are reviewed. Restricted to Community Counseling majors.
- EDCO763 **Diagnosis of Psychopathology** (3) A conceptual overview of the foundations of psychodiagnostics. Exposure to both psychodynamic concepts and theory as well as behavioral, descriptive diagnosis as advocated by the DSM IV-R. This includes the development of a framework for identifying the signs and symptoms of psychosis, personality disorders, and neuroses in children,

- adolescents, young, and middle-life adults, and the aged. Restricted to Community Counseling majors.
- EDCO764 **Counseling and Psychotherapy** (3) Theoretical and applied understandings of the psychotherapeutic process including the study of the psychological methods of intervention such as person-centered, psychoanalytic, hypnotherapy, and psychotherapy. Also covered are educational intervention methods such as rational-emotive therapy, reality therapy, and psychosocial rehabilitation. Restricted to Community Counseling majors.
- EDCO765 **Crisis Counseling** (2) An examination of issues and skills involved in assisting clients to deal with crisis situations. The progression and symptomatology of crisis functioning are presented with models and techniques for appropriate psychological, educational, and specialized intervention techniques for use with clients. Restricted to Community Counseling majors.
- EDCO766 **Intervention Skills for SMD** (3) Specific interventions and treatment strategies with severely mentally disabled individuals in both individual and group settings including developing and implementing a treatment plan, reporting and assessing progress of treatment, appropriate psychological, educational, and specialized intervention techniques for use with clients. Restricted to Community Counseling majors.
- EDCO773 **Counseling Practicum II** (3) A supervised training experience providing individual or group counseling to bona fide clients seeking services from counselors. Pre-requisite: EDCO 669. Restricted to Counseling or Community Counseling majors.

**(EDEC) EDUCATION: EARLY CHILDHOOD
Undergraduate Courses**

- EDEC210 **Early Childhood Development** (3) Specific study of children ages three to eight, developmental differences in young children, growth and health, developmentally appropriate practice in educational settings, assessment practices with young children. Pre-requisite: EDFD 100, EDFD 110.
- EDEC230 **Play in Early Childhood Educ** (3) Theory and practice concerning development aspects of play, creativity, imagination, and their relationship to music, movement, and creative drama. Teacher's role in preparation of the play environment, including issues of special needs children. Pre-requisite: EDFD 100, EDFD 110, EDED 210
- EDEC325 **Methods of Observation/Collabo** (3) Observation techniques, classroom management, assessment, parent and staff communication, and field practice in observation. Consultation/collaboration skills with child service professionals. Pre-requisite: EDFD 100, EDFD 110, EDEC 210. Co-requisite: EDEC 331, EDEC 335.
- EDEC330 **Math/Science Block-Early Chld** (6) Math and science instructional strategies, skills and content integrated with field experience in early childhood settings. Formal and informal assessment strategies. Ohio Model Competency-Based Math and Science Programs reviewed. Adaptations and modifications for diverse learners. Field experiences. Pre-requisite: EDFD 100, EDFD 110, EDEC 210. Co-requisite: EDEC 325.
- EDEC331 **Early Childhood Math/Sci Cohrt** (4) This course is designed to prepare students to teach science and mathematics to children at age 3 to grade 3. Learning format consists primarily of hands-on, minds-on activities, demonstrations, peer teaching, class discussions, and field experiences. Attention to National and Ohio standards. Pre-requisite: Cohort admission and progression. Co-requisites: EDEC 325, EDEC 336
- EDEC335 **Lang Arts/Social St-Early Chd** (6) Instructional strategies. Oral and written language skills. Reading and children's literature for the integrated curriculum. Integrated language arts and social studies. Formal and informal assessment strategies. Ohio Model Competency-Based Language Arts and Social Studies

Programs reviewed. Adaptations for diverse learners. Pre-requisite: EDFD 100, EDFD 110, EDEC 210, EDRE 312, EDCH 324, and Field experience. Co-requisite: EDEC 325.

- EDEC336 **Early Childhood LA/Soc St Cohr** (4) This course is designed to prepare students to integrate language arts and social studies using instructional strategies, oral and written language skills, reading and children's literature for the integrated curriculum, formal and informal assessment strategies, adaptations for diverse learners, as well as review the Ohio Model Competency - Based Language Arts and Social Studies Programs for children age 3 to grade 3. Pre-requisite: Cohort admission and progression. Co-requisite: EDEC 325, EDEC 331
- EDEC340 **Integrated Curr-Early Childhd** (3) Planning of integrated curriculum for preschool through primary grades. Developmentally appropriate practice. Ohio and local curriculum models. Formal and informal assessment strategies. Diverse populations of children in urban and suburban settings. Pre-requisite: EDFD 100, EDFD 110, EDEC 210, EDEC 325 & EDEC 330 or EDEC 335.
- EDEC450 **Student Teaching:Early Childho** (11) Fourteen weeks of supervised full day student teaching under a master teacher. Reflective practice and team teaching. Weekly seminar. Pre-requisite: EDFD 100, 200 and 300 level courses; EDEC 100, 200, and 300 level courses and passed Praxis Early Childhood Education Exam. Co-requisite: EDEC 451
- EDEC451 **Seminar: Current Issues/Early** (1) This seminar will address pertinent issues to teacher certification, professional development, and career preparation for the early childhood teacher. Pre-requisite: EDFD 100, 200, and 300 level courses EDEC 100, 200, and 300 level courses; Co-requisite: EDEC 450
- EDEC454 **EC Cohort Student Teaching** (6) The student teaching experience in the early childhood education program is one semester in duration, spent in one classroom at the preschool through primary level. Placement site is determined by prior field placements at different grade and demographic settings. Range of placements include pre-school classrooms, kindergarten classrooms, first, second, third, or multi-age classrooms. Settings will include public, private, religious, urban, and suburban schools and centers. Students are placed in settings which have signed agreements with Xavier University for such placements as described above. Student teaching is under the daily guidance of a qualified cooperating teacher and regular supervision visits from the assigned University supervisor.
- EDEC455 **Cohort: Current Issues** (1) This seminar style course addresses pertinent issues related to the day to day student teaching experience, professional conduct, teacher licensure and career preparation. Emphasis on NAEYC standards and Pathwi/ Praxis criteria. Pre-requisite: Majors Only.

Graduate Courses

- EDEC555 **Early Childhood Care/Practices** (6) This course holistically examines aspects of working as an early childhood professional with families and children birth through age 8. Issues on the education and care of these young children with and without disabilities from various cultural and socioeconomic backgrounds will be studied. Issues include, but are not limited to, full day childcare, early intervention, early childhood special education, early childhood education, and best practices in facilitating young children's learning and development. The course content examines current theories, theorists, programs, and practices in early childhood care/education and child development. The course requires 20 hours of supervised field experience. Pre-requisite: Students must be admitted to the early childhood graduate cohort.
- EDEC558 **Play & Arts in Early Childhood** (3 or 4) Theory and practice concerning developmental aspects of play and creativity and their relationship to music, movement, creative drama and the visual arts. Art production techniques. Active emphasis on age appropriate art activities as well as student's own artistic development. Teacher's role in preparation of environment for

children from diverse backgrounds and special needs. Pre-requisite: Majors Only.

(EDEL) EDUCATION: ELEMENTARY EDUCATION

Undergraduate Courses

- EDEL201 **Arts and Literacy** (2) Overview of the fine arts, an examination of the relationship of the arts to literacy, and application to elementary classroom arts integration. Field experiences. Pre-requisite: ARTS 221, MUSC 120 or MUSC 121, EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL311 **Teaching Science** (2) (EDEL511) Curriculum integrated course in teaching science methods. Pre-requisite: EDEL 100, EDFD 140, EDFD 142
- EDEL312 **Teaching Social Studies** (2) Emphasis on social science curriculum, multicultural implications and instructional strategies. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL313 **Language Arts Block** (9) Major course that combines children's literature, reading and language arts methods with field experience in an elementary classroom. Field and clinical experiences required. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL314 **Teaching Reading** (3) (EDEL514) Developmental process of reading, reading in the content areas, determining needs of children. Pre-requisite: EDEL 100, EDEL 251, EDFD 141, EDFD 142
- EDEL315 **Teaching Mathematics** (3) (EDEL515) Mathematics in the elementary school. Materials, methods, and content. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL316 **Math and Science Block** (6) Math and science teaching strategies, skills, and content integrated with field experience in an elementary classroom. Field and clinical experiences required. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL317 **Teaching Language Arts** (3) (EDEL517) Curriculum, oral and written language, spelling, mechanics of writing, linguistics. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL318 **Social Studies/Multicult Block** (5) (EDEL518) Methods for teaching the social sciences with a multicultural perspective. Field work highlights cultural diversity. Field and clinical experiences required. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL326 **Children's Literature** (3) (EDEL526) Survey of literature available for elementary age children; how to use literature in the classroom.
- EDEL327 **Adolescent Literature** (3) (EDCH515) Survey of literature available for adolescents; how to use literature in the classroom.
- EDEL370 **Junior Field Experience** (2) Observation, teaching and evaluation; major subject areas: reading, language arts, mathematics, social studies, and science.
- EDEL471 **Elem Student Teaching & Semina** (9) (EDEL474, EDEL475, EDEL476, EDEL477) Classroom teaching, five days a week for 15 weeks.
- EDEL472 **Curr Design & Teach Strategies** (3) Final preparation course for entry into the profession. Integrates the diverse learning of classroom and field work.
- EDEL474 **Elem Stu Tea & Sem: Spec Ed DH** (9) (EDEL471, EDEL475, EDEL476, EDEL477) Classroom teaching, five days a week for 15 weeks.
- EDEL477 **Elem Stu Tea & Sem: Spec Ed SL** (9) (EDEL471, EDEL475, EDEL476, EDEL477) Classroom teaching, five days a week for 15 weeks.
- EDEL498 **Independent Study** (1 to 3) Readings and assignments under direction of professor.

Graduate Courses

- EDEL500 **Classroom Culture** (3) Required course for graduates seeking initial certification in elementary education. Course examines the historical basis of American education, curriculum, and instruction. Emphasis on suitability for teaching. Field experiences required.

- EDEL511 **Teaching Science** (2) (EDEL311) Curriculum integrated course in science.
- EDEL512 **Teaching Social Studies** (2) (EDEL312) Curriculum, multicultural applications.
- EDEL514 **Teaching Reading** (3) (EDEL314) Developmental process of reading, reading in the content areas, determining needs of children. EDEL515
- Teaching Mathematics** (3) (EDEL315) The modern mathematics curriculum in the elementary school. Materials, methods, and content.
- EDEL517 **Teaching Language Arts** (3) (EDEL317) Curriculum, oral, and written language, spelling, mechanics of writing, linguistics. Multicultural implications.
- EDEL518 **Social Studies/Multicult Block** (5) (EDEL318) Methods for teaching the social sciences with a multicultural perspective. Field work highlights cultural diversity. Field and clinical experiences required. Pre-requisite: EDEL 100, EDEL 251, EDFD 140, EDFD 142
- EDEL526 **Children's Literature** (3) (EDEL326) Survey of literature available for elementary age children; how to use literature in the classroom.
- EDEL527 **Adolescent Literature** (3) Survey of literature available for adolescents; how to use literature in the classroom.

(EDFD) EDUCATION: FOUNDATIONS
Undergraduate Courses

- EDFD100 **Introduction to Education** (3) This course provides an introduction to the foundational, philosophical, and organizational patterns of United States education. Topics will include the review of history, philosophy, societal impact, and school culture. Ohio Pathwise emphasis. Lesson planning introduced. Required field experience.
- EDFD110 **Human Development & Learning** (3) An introductory course presenting theories on human growth, development, and learning. Students will apply theories in course activities including observations, media presentations, and film reviews. Students will develop and demonstrate observational skills and practices in writing educational reports. Students will develop an understanding of thematic stages of development and their application to life long learning from birth to adolescence. Students will demonstrate an understanding of the physical, cognitive, and social/emotional domains of development and the developmental effects of family, culture, and other environmental factors. Required field experience in diverse settings. 6 field hours.
- EDFD251 **Instructional Technology** (3) Methods and management for integrating educational technologies into the instructional design process and curricula. Applications will include, but not be limited to word processing, spreadsheet databases, CD-ROMs, multimedia presentation software, educational software, Internet and other technological hardware resources and media. Assistive technologies for children with disabilities.
- EDFD260 **Cultural Diversity in Educ** (3) (EDFD560) Issues of ethnicity, class, poverty, gender, religion, and schooling. Multicultural perspective in teaching/learning. Field experiences.
- EDFD499 **Special Study** (1 to 3) Permission of department chair required.

Graduate Courses

- EDFD500 **Social,Hist,Phil Found of Am E** (3) The major philosophical, historical, and social influences affecting education in American society. Incorporates professional ethics and values for administrators.
- EDFD501 **Philosophy of Education** (3) The historic development of educational philosophy and theories. Evaluation of major current philosophies. Societal differences.
- EDFD502 **History of American Education** (3) Colonial period, the early national period, educational developments of the 19th century, the 20th century, the political, social, economic scene. Multicultural society. Educational ideas.

- EDFD503 **Advanced Educational Psych** (3) (PSYC503) Major aspects of child, adolescent and adult growth and development. The learn process and factors influencing learning.
- EDFD504 **Psych & Learn Theory & Practic** (3) Curricular and instructional decisions on research applied theory, informed practice, and recommendations of learned societies with regard to cognitive development, human development, learning styles, contemporary methodologies, and content priorities. Students needs based on gender, ethnicity, culture, social class, and exceptionalities.
- EDFD505 **Educational Administration** (3) (EDFD305) Relationships of the federal, the state, and the local government to public and private education. Administrative functions as operable in the elementary, middle and secondary school. Multicultural implications.
- EDFD507 **Educational Research** (2) Methodology of educational research. Statistics in research. Locating educational research. Co-requisite: EDFD 508
- EDFD508 **Educational Research Paper** (1) This course is taken in conjunction with EDFD 507 and requires a research project and paper. Co-requisite: EDFD 507
- EDFD510 **Adv Human Develop & Learning** (3) An advanced course presenting theories on human growth, development, and learning. Students will apply theories in course activities including observations, media presentations, and film reviews. Students will develop and demonstrate observational skills and practices in writing educational reports. Students will develop an understanding of thematic stages of development and their application to life-long learning from birth to adolescence. Students will demonstrate an understanding of the physical, cognitive, and social/emotional domains of development and the developmental effects of family, culture, and other environmental factors. Required field experience in diverse settings - 5 hours.
- EDFD560 **Cultural Diversity in Educ** (3) (EDFD260) This course introduces students to various issues embedded within the concepts of diversity, education and a pluralistic society. Students will gain an understanding of the change in demographics within our society and how they are reflected in the process of schooling.
- EDFD572 **Educational Technology** (3) Computer technology for school management within the administrative functions of pupil personnel, staff personnel, financial management, and non-instructional services.
- EDFD576 **Ethics for Educators** (2) This workshop offers a means of professional and personal development appropriate for educators as they face ethical difficulties, moral dilemmas, value conflicts and challenges. Lecture, discussion, problem-solving, role-playing, field based experiences, video, journal, essays, and short fiction.

(EDHE) EDUCATION: HEALTH EDUCATION

Undergraduate Courses

- EDHE288 **Personal & Community Health** (2) Skills needed to meet challenges to health and optimize over-all well-being. Areas of health that emphasize self-empowerment, prevention, and an understanding of the health impact of human diversity and the importance of thinking critically. Developing healthful habits. Active managers of individual health care. Techniques to change behavior. The latest and most accurate health information. Apply critical thinking skills to health information.
- EDHE387 **Current Issues & Ethics in H.E** (2) Health aspects of human sexuality specific to sexually transmitted diseases, HIV infection, AIDS, and on death, dying, and the bereavement process. Pollution and health. Threatening technological advances to human life. Biomes of the world, and ecological and environmental issues.
- EDHE461 **Environmental Health** (2) Various types of pollution, technological advances and their effect on an individual's health and environment.

EDHE470 **Independent Study** (1 to 3) Investigate an area of interest within the area of health education. Pre-requisite: Advisor's approval

(EDHR) EDUCATION: HUMAN RESOURCE DEVELOPMENT
Graduate Courses

- EDHR605 **Developing the Adult Learner** (3) Understanding how adults acquire knowledge, skills, and attitudes. Understanding how individual and cultural differences in values, needs, interests, styles, and competencies affect others and the learning process.
- EDHR606 **Behaving in Organizations** (3) Understanding organizations as dynamic political, economic, and social systems that have multiple goals. Understanding organizational culture and the motivation for behavior.
- EDHR607 **Consulting for Org Effectivene** (3) Influencing and supporting changes in organizational behavior through planned, systematic, long-range efforts focused on the organization's culture and its human and social processes. Establishing collaborative client-consultant relationships, clarifying roles, and developing contracts.
- EDHR608 **Advising for Career Developmen** (2) Identifying a personal plan for self-growth. Helping others identify career plans that are aligned with organizational career-management processes.
- EDHR609 **Assessing & Evaluating HRD Pro** (3) Identifying ideal and actual performance and performance conditions and diagnosing causes of discrepancies. Determining the impact of interventions on individual or organizational effectiveness.
- EDHR610 **Designing HRD Programs** (3) Preparing learning goals and objectives, and defining program content. Determining instructional methods, and scope and sequence of learning activities for lessons, courses, and curricula.
- EDHR611 **Developing HRD Programs** (1) Exposes students to designing and developing e-learning and blended learning approaches for organizational learning.
- EDHR612 **Facilitate Learn in HRD Progra** (3) Creating a collaborative learning environment, presenting information, directing structured learning experiences, and managing group discussions and group process so that the intended purpose is achieved.
- EDHR613 **Managing HRD Programs** (3) Leading and supporting an HRD organization and developing strategies and policies to align with the mission of the total organization. Includes business and budget perspectives related to marketing and administering HRD programs.
- EDHR614 **Applying/Designing HRD Researc** (3) Reading, understanding, interpreting, applying and designing HRD research. Translating the information into implications for improved individual or organizational performance.
- EDHR615 **Trends & Issues in HRD** (2) Current trends and issues in HRD will be explored, such as technological advances, work teams, etc.
- EDHR616 **Technology in HRD** (1) Provides an introduction to the use of various technologies (i.e., computer-based learning, on-line learning, groupware, presentation and authoring software) in designing, delivering, and managing HRD programs in organizations.
- EDHR644 **Motivation & Behavior in Org** (3) (MGMT944, PSYC644) To help students gain knowledge of various concepts and controversies relating to attempts to explain the motivation and behavior of people in organizations.
- EDHR670 **Pract: Personnel Train/Ed/Dev** (1 to 3) A supervised practicum or internship in personnel training and development within a for- or not-for-profit organization.
- EDHR671 **Pract: Personnel Train/Ed/Dev** (1 to 3) An advanced supervised practicum or internship in personnel training and development within a for- or not-for-profit organization.
- EDHR672 **Practicum in Human Resource De** (1) A supervised practicum or internship in human resource development within a for- or not-for-profit organization.

- EDHR680 **Adv St: Personnel Train/Ed/Dev** (1 to 3) An advanced, individualized program of study in the field of personnel training, education and development.
- EDHR681 **Sp Study: Personnel Train/Ed/D** (1 to 3) An individualized program of study in the field of personnel training, education and development.
- EDHR682 **Sp Study in Human Resource Dev** (1 to 3) An individualized program of study in the field of human resource development.

(EDMC) EDUCATION: MIDDLE CHILDHOOD EDUCATION

Undergraduate Courses

- EDMC212 **Nature & Needs of Adolescents** (3) Development of young adolescents in family and society. Health and safety. Risk behaviors. Pre-requisite: EDFD 100, EDFD 110
- EDMC325 **Arts in Ed: Middle Childhood** (3) Art, music, and drama integrated into the middle school curriculum. Pre-requisite: EDFD 100, EDFD 110, EDMC 212, EDMC 340.
- EDMC340 **Middle School Phil & School Or** (3) The varied roles of the middle school teacher in the school community. Goals, philosophy and mission of middle childhood education. Pre-requisite: EDFD 100 and 200 level courses
- EDMC345 **Intro to EDMC Collab/Class Mgt** (3) Collaborative nature of middle school structure and teaching. Interdisciplinary teaming. Effective teaching and management strategies. Field experiences. Pre-requisite: EDFD 100 and 200 level courses
- EDMC351 **EDMC Lang Art Curr/Ped & Asmt** (3) Collaborative nature of middle school structure and teaching. Interdisciplinary teaming. Effective teaching and management strategies. Field experiences. Pre-requisite: EDFD 100 and 200 level courses, EDMC 340.
- EDMC352 **EDMC Math Curr/Ped & Assessmnt** (3) Mathematics in the Middle School. Teaching strategies, management techniques, methods, model curricula, assessment, and integration with other subject fields. Classroom, clinical, and field settings. Pre-requisite: EDFD 100 and 200 level courses, EDMC 340.
- EDMC353 **EDMC Science Curr/Ped & Asmt** (3) Theory and research will provide a foundation for science teaching. Hands on active teaching strategies; integration of science content; the nature of science; use of electronic educational technology; science and society issues; assessment for student outcomes; classroom management and safety for the science classroom. Pre-requisite: EDFD 100 and 200 level courses, EDMC 340.
- EDMC354 **EDMC Soc Studies Curr/Ped & As** (3) Content of social studies disciplines integrated into a comprehensive plan of instruction. Age appropriate methods, curricula, and assessment for the middle school learner. Classroom, clinical, and field settings. Pre-requisite: EDFD 100 and 200 level courses, EDMC 340.
- EDMC360 **Middle School Math Strategics** (3) Mathematics in the middle school. Emphasis on content knowledge, teaching strategies, activities and resources to enable middle childhood math teachers to align their curriculum to the standards using a constructivist approach to mathematical learning.
- EDMC455 **Student Teaching: Middle Schoo** (11) Fifteen week student teaching. Grade level chosen to broaden experience within 4-9 grade range. Both concentration fields taught. Focus on knowledge and skills expected for entry year teachers in the State of Ohio. Student teaching supervised and evaluated by cooperating teachers and university supervisors. Reflection and analysis emphasized. Pre-requisites: EDFD 100 and 200 level courses, EDMC 300 level courses; Co-requisites: EDMC 456, Successful passing of one Subject Area Praxis Exam.
- EDMC456 **Sem: Current Issues in EDMC** (1) This seminar will address pertinent issues to teacher certification, professional development and career preparation for the middle childhood teacher. Pre-requisite: EDFD 100, 200, 300 level courses, EDMC 100, 200, 300 level courses; Co-requisite: EDMC 455

Graduate Courses

- EDMC560 **Middle School Math Strategies** (3) Mathematics in the middle school. Emphasis on content knowledge, teaching strategies, activities and resources to enable middle childhood math teachers to align their curriculum to the standards using a constructivist approach to mathematical learning.

(EDME) EDUCATION: MONTESSORI

Undergraduate Courses

- EDME305 **Kindergarten Methods & Mats I** (3) Research child development and classroom practice. Communicate knowledge of child development to parents. Understand how affective development is enhanced by creative arts, and how the arts enrich the curriculum. Literacy development, and language practices in young children. The history of kindergarten, and issues in practice today.
- EDME350 **Methods of Observation of Chld** (3) (EDME550) The student will learn to observe the normal development of children from ages two and a half to twelve years of age.
- EDME351 **Montessori Ed: Phil Approach** (3) (EDME551) Introductory course explaining the main principles of Dr. Montessori.
- EDME352 **Mont Curr Des & Tch Strat I:Pr** (3) (EDME552) This course is taken with the first semester practicum. This course supports the student teacher in preparing appropriate materials for children. The student must keep a journal on a child with special needs. They study drama, art and music and how to integrate these subjects into the early childhood curriculum.
- EDME353 **Mont Math & Geometry Methods** (3) (EDME553) Math instructional strategies for ages three to eight years of age. Emphasis will include: process, concrete materials, children's thinking process, exploration, correct terminology, and the foundation for math that is appropriate for all children.
- EDME354 **Mont Language Arts & Read Meth** (3) (EDME554) Instructional strategies for the development of writing and reading skills.
- EDME355 **Mont Cultural Subjects Method** (3) (EDME555) Instructional strategies for the development of social studies and science skills.
- EDME356 **Mont Integration of Curr: Prim** (3) (EDME556) Planning integrated curriculum for young children. Topics that will be covered are: plant science, animal science, physical science, social studies, special needs children, and African American studies.
- EDME359 **Full Day Child Care** (3) (EDME559) Research supported theories and issues concerning developmentally appropriate practices for early childhood centers, birth to eight years of age. Topics include: Day Care Licensing, transitions, administration, use of community resources, children's home experiences, child abuse, program planning, making adaptations for the special needs child, and parent involvement. Students will participate in field experiences in classrooms with children from births to eight years of age.
- EDME363 **Early Cognitive Development** (3) (EDME563, PSYC715) Introduces the student to all aspects of child development from birth through adolescence.
- EDME364 **Early Childhood/Montessori Meth** (3) (EDME564) Instructional strategies for the development of the senses, gross motor, fine motor, independent living activities, art and music.
- EDME366 **Mont Curr Des&Te Strat I:Ea CI** (3) (EDME566) Planning of integrated curriculum for early childhood programs, including art, music, drama and social studies.
- EDME367 **Mont Curr Des&Te Strat II:Ea C** (3) (EDME567) Planning of integrated curriculum for early childhood programs. Emphasis is on Science, Children's Literature and Social Studies.
- EDME376 **Phonics Skills for Early Chldh** (3) (EDME576) Introductory course examining the child's development of language from birth nine years of age.

- Instruction in how to teach phonics is the main emphasis in this course. Phonics will be integrated into the exploration of reading and writing skills.
- EDME377 **Early Childhood Math & Science** (3) (EDME577) Instructional strategies for teaching math to children from ages three to eight years of age.
- EDME470 **Mont Primary Practicum I** (6) (EDME670) Student teaching for fifteen weeks. The student must be in the classroom from 8:30 until 3:30 five days a week.
- EDME471 **Mont Primary Practicum II** (6) (EDME671) This course is the second semester of a two semester practicum.
- EDME473 **Mont Early Childhood Pract I** (6) (EDME673) This course is the first semester of a two semester practicum the student will work in both urban and suburban settings.
- EDME474 **Mont Early Childhood Pract II** (6) (EDME674) This course is the second semester of a two semester practicum in both urban and suburban setting.
- Graduate Courses**
- EDME550 **Methods of Observation of Chil** (3) (EDME350) The student will learn to observe the normal development of children from ages 2 1/2 to twelve years of age.
- EDME551 **Montessori Ed: Phil Approach** (3) (EDME351) Introductory course examining the main principles of Dr. Montessori.
- EDME552 **Mont Curr Des & Te Strat: Pri** (3) (EDME352) This course supports the student teacher in preparing appropriate materials for children. They study drama, art, and music; and how to integrate these subjects into the early childhood curriculum.
- EDME553 **Mont Math & Geometry Methods** (3) (EDME353) Math instructional strategies for ages three to eight years of age. Emphasis will include: process, concrete materials, children's thinking process, exploration, correct terminology, and the foundation for math that is appropriate for all children.
- EDME554 **Mont Language Arts & Read Meth** (3) (EDME354) Instructional strategies for the development of writing and reading language skills.
- EDME555 **Mont Cultural Subject Method** (3) (EDME355) Instructional strategies for the development of social studies and science skills.
- EDME556 **Mont Integration of Curr: Prim** (3) (EDME356) Planning integrated curriculum for young children. Topics that will be covered are: plant science, animal science, physical science, social studies, special needs children, and African American studies.
- EDME559 **Full Day Child Care Methods** (3) (EDME359) Research supported theories and issues concerning developmentally appropriate practices for early childhood centers, birth to eight years of age. Topics include: Day Care Licensing, transitions, administration, use of community resources, children's home experiences, child abuse, program planning, making adaptations for the special needs child, and parent involvement. Students will participate in field experiences in classrooms with children from births to eight years of age.
- EDME563 **Early Cognitive Development** (3) (EDME363, PSYC715) Study of early childhood development. The course will include basic development theories and recent research in development.
- EDME564 **Early Childhood/Montessori Met** (3) (EDME364) Instructional strategies for the development of the senses, gross motor, fine motor, independent living activities, art, and music.
- EDME566 **Mont Curr Des&Te Strat I: Ea C** (3) (EDME366) Planning integrated curriculum for young children. Topics that will be covered are: plant science, animal science, physical science, social studies, special needs children, and African American studies.
- EDME567 **Mont Curr Des&Te Strat II:Ea C** (3) (EDME367) Planning of integrated curriculum for early childhood programs with special emphasis on science, social studies, math and language.

- EDME570 **Mont 9-12 Math Curr** (4) This course will introduce the student to the following: decanomial, square root, divisibility, cross multiplication, fractions, decimals, percentage, ratio, integers, algebra, cubing and cube root.
- EDME571 **Mont 9-12 Geometry Curr** (2) The student will study advanced geometry that include such topics as polygons, area, Pythagorean theorem, and the study of volume.
- EDME572 **Mont 9-12 Geography& Hist Curr** (2) Research all aspects of geography and history. To learn the relationships between geography and history.
- EDME573 **Mont 9-12 Botany & Zoology Cur** (2) An advanced study of plants and animals will be introduced in this course. The role that plants and animals have in the universe.
- EDME574 **Mont 9-12 Physical Science Cur** (2) Experiments will help a child understand the mysteries of the universe. The student will study chemistry, geology, meteorology, and physics.
- EDME575 **Mont 9-12 Lang & Children's Li** (2) The class will mirror the integration of language in the classroom. A rich literature-based program will be introduced into the child's environment. Emphasis on writing skills.
- EDME576 **Phonics Skills for Early Child** (3) (EDME376) Introductory course examining the child's development of language from birth to nine years of age. Instruction in how to teach phonics is the main emphasis in this course. Phonics will be integrated into the exploration of reading and writing skills.
- EDME577 **Early Childhood Math & Science** (3) (EDME377) Instructional strategies for teaching math and sciences to children from ages three to eight years of age.
- EDME670 **Mont Primary Practicum I** (3) (EDME470) Student teaching for fifteen weeks. The student must be in the classroom from 8:30 until 3:30 five days a week.
- EDME671 **Mont Primary Practicum II** (3) (EDME471) Second semester of student teaching. The students will be in the classroom from 8:30 until 3:30 five days a week.
- EDME673 **Mont Early Childhood Pract I** (3) (EDME473) This course is the first semester of a two semester practicum. The student will work in both urban and suburban settings.
- EDME674 **Mont Early Childhood Pract II** (3) (EDME474) This course is the second semester of a two semester practicum.
- EDME911 **Observation: Key to Clssrm Beh** (1) Independent course that helps the student to observe in his/her classroom. Reflective journaling, timed observation and assessment tools are part of the curriculum.

(EDMS) EDUCATION: MULTI-AGES/SECONDARY EDUCATION

Undergraduate Courses

- EDMS100 **Field Experience** (1) This course will provide structural field experiences in the middle or secondary school setting under the direction of and supervision of faculty. Weekly seminars are held on campus. Open to Graduate Students, ONLY. Field experience required.
- EDMS131 **Professional Education** (3) This course provides an introduction to the teaching profession through a philosophical, historical and multicultural approach. The student will examine beliefs, motives, values and behaviors as they relate to the teaching profession. Field experiences are required.
- EDMS207 **World & Cultural Geography** (3) This course will provide students an understanding of the realms and regions of the world, including specifics of structure, location and issues.
- EDMS325 **Meth/Curr/Asmt in Foreign Lang** (3) (EDMS525) The methods, materials and current trends in teaching foreign languages in grades K - 12 will be studied. Field experiences are required. Pre-requisite: Permission of the Director of Secondary Education, Oral Proficiency Test.

- EDMS330 **Meth/Curr/Asmt in Mathematics** (3) (EDMS530) This course provides an introduction to the teaching methodologies, assessment techniques and curricular issues as they pertain to the teaching of mathematics. Field experiences are required. Pre-requisite: EDMS 131
- EDMS331 **Meth/Curr/Asmt in English Lang** (3) (EDMS531) This course provides an introduction to curricular content, teaching methodology and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of English language arts. Field experiences are required. Pre-requisite: EDMS 131
- EDMS332 **Meth/Curr/Asmt in Science** (3) (EDMS532) This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of science. Field experiences are required. Pre-requisite: EDMS 131
- EDMS333 **Meth/Curr/Asmt in in Social St** (3) (EDMS533) This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of social studies. Field experiences are required. Pre-requisite: EDMS 131
- EDMS335 **Meth/Curr/Asmt in Ancient Lang** (3) (EDMS535) This course provides an introduction to the teaching methodologies, assessment techniques, and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of Ancient Languages. Field experiences.
- EDMS350 **Technology & Topics for Educat** (3) (EDMS550) This course explores topics which include technology in education, school law and teacher liability, classroom management, discipline and instructional planning.
- EDMS411 **Clinical Experiences: Secondar** (1) Clinical experiences in the school, among childhood and middle school learners, and adolescent to young adult learners. Diagnosis of learning problems. Remediation. Assessment techniques and best practices. A weekly seminar. Field experiences are required.
- EDMS470 **Student Teaching: Secondary** (9) A weekly seminar and daily laboratory experience in secondary school teaching for one semester under a licensed master teacher. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.
- EDMS471 **Student Teaching: Multi-Age** (9) A weekly seminar and daily laboratory experience in the elementary and in the secondary school teaching for the entire semester under licensed master teachers. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.
- EDMS525 **Meth/Curr/Asmt in Foreign Lang** (3) (EDMS325) The methods, materials and current trends in teaching foreign languages in grades K - 12 will be studied. Field experiences are required. Pre-requisite: Permission of the Director of Secondary Education, Oral Proficiency Test.
- EDMS530 **Meth/Curr/Asmt in Mathematics** (3) (EDMS330) This course provides an introduction to the teaching methodologies, assessment techniques and curricular issues as they pertain to the teaching of mathematics. Field experiences are required.
- EDMS531 **Meth/Curr/Asmt in English Lang** (3) (EDMS331) This course provides an introduction to curriculum content, teaching methodology and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of English language arts. Field experiences are required.
- EDMS532 **Meth/Curr/Asmnt in Sciences** (3) (EDMS332) This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of science. Field experiences are required.

- EDMS533 **Meth/Curr/Asmt in Social Studi** (3) (EDMS333) This course provides an introduction to teaching methodologies, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of social studies. Field experiences are required.
- EDMS535 **Meth/Curr/Asmt in Ancient Lang** (3) (EDMS335) This course provides an introduction to the teaching methodologies, assessment techniques, and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of Ancient Languages. Field experiences.
- EDMS550 **Technology & Topics for Teache** (3) (EDMS350) This course explores topics which include technology in education, school law and teacher liability, classroom management, discipline and instructional planning.

(EDPE) EDUCATION: PHYSICAL EDUCATION
Undergraduate Courses

- EDPE238 **Active Games & Contests** (2) A wide range of elementary physical education games and contests for the gymnasium, playground, field and classroom. Activities are analyzed with regard to age appropriateness and game structure.
- EDPE240 **Elementary Gynastics & Rythmic** (2) A wide range of elementary physical education games and contests for the gymnasium, playground, field and classroom. Activities are analyzed with regard to age appropriateness and game structure.
- EDPE269 **Coaching Golf** (2) (EDPE569) Playing golf. Golf course operations. Putting, short game, iron play, wood play, and course management. Rules of golf and proper golf etiquette. History of the game, golf and the workplace, coaching, equipment, and organization of outings.
- EDPE271 **Intermediate & Adv Gymnastics** (2) (EDPE571) A logical system for presenting gymnastics and tumbling skills performed on the apparatus. Physics or mechanics of physical action. A logical basis for analyzing success or failure of the learner.
- EDPE272 **Coaching Football** (2) (EDPE572) A study of the theories, skills, strategies and methods related to coaching football.
- EDPE273 **Coaching Basketball** (2) (EDPE573) Develop basic basketball coaching skills for youth, junior and high school levels.
- EDPE274 **Coaching Baseball** (2) (EDPE574) Introduce students to the fundamentals of baseball and coaching. The students will be able to identify these skills and teach them to their players. In addition to the fundamentals of baseball and coaching, the students will also be introduced to strategies employed during the game and in the building of a team and a program.
- EDPE275 **Coaching Track & Field** (2) (EDPE575) Study history of track and field and examine philosophies and trends in coaching. To develop knowledge of the various events and the proper organization of track meets.
- EDPE277 **Coaching Volleyball** (2) Introduce students to the game of volleyball in terms of both individual knowledge and techniques of the game and coaching skills at a beginning level.
- EDPE278 **Coaching Soccer** (2) (EDPE578) An overview of the game of soccer from a coaching perspective. The course will focus on player development, practice organization, match analysis, team preparation, and soccer organizations.
- EDPE279 **Teaching Racquet Sports** (2) (EDPE579) Introduce students to the fundamentals of racquet sports (tennis, badminton, squash and racquetball).
- EDPE313 **Strength & Conditioning Prog D** (3) Organization and administration of individual and sport-specific strength and conditioning programs and weight management.
- EDPE342 **Meth in Secondary Phys Ed** (3) (EDPE542) Instructional strategies and competencies in teaching secondary physical education. Efficient and effective methods through a variety of class activities.

- EDPE384 **Elem Sch Hlth/PE for Class Tea** (3) (EDPE596) Background information, skills, and activities teachers need to implement comprehensive school health and physical education at various grade levels. The basic information to develop and present a variety of lessons and activities in health and physical education.
- EDPE385 **Physical Ed in the Elem School** (2) (EDPE585) Background information, skills, and activities teachers need to implement comprehensive school health and physical education at various grade levels. The basic information to develop and present a variety of lessons and activities in health and physical education.
- EDPE386 **Kinesiology** (2) (EDPE654) Fundamentals of human motion as it relates to physical education activities and skill performance. Fundamental principles of muscle action, muscle control, and biomechanics pertaining to movement. Co-requisite: EDPE 387
- EDPE387 **Kinesiology Lab** (1) Study of fundamentals of human motion as they relate to physical education activities and skill performance. Fundamental principles of muscle action pertaining to movement. Co-requisite: EDPE 386
- EDPE388 **Biomechanics** (3) (EDPE653) An analysis, evaluation and application of mechanical factors influencing a wide range of motor skill movements.
- EDPE392 **Sensory Integration & Mov Ed** (3) (EDPE642) The physical education teacher and coach recognizing and identifying sensory, motor development, motor learning, and performance processes. Practical application of skill acquisition, use of feedback, and preparations and strategies for designing practice.
- EDPE460 **Curriculum in Physical Ed** (2) (EDPE560) Development and understanding of curriculum development. Focus on the social and psychological factors in curriculum development, and on the systematic planning, developing, implementing, evaluating, and improving of curriculum.
- EDPE470 **Independent Study** (1 to 3) Investigate an area of interest within the area of sport studies. Pre-requisite: Advisor's approval
- EDPE472 **Stu Teach:Phys Ed K-12 & Sem** (9) Daily laboratory experience in pre-K-12 teaching. Weekly on-campus seminar. A semester under a master teacher.
- Graduate Courses**
- EDPE542 **Methods in Secondary Phys Ed** (3) (EDPE342) Instructional strategies and competencies in teaching secondary physical education with efficient and effective methods through a variety of class activities.
- EDPE560 **Curriculum in Physical Ed** (3) (EDPE460) The understanding and development of curriculum. Focus on the social and psychological factors to be considered in curriculum development, and on the systematic planning, developing, implementing, evaluating, and improving of curriculum.
- EDPE569 **Coaching Golf** (3) (EDPE269) Playing golf and how a golf course operates. Putting, short game, iron play, wood play, and course management. The rules of golf and proper golf etiquette. The history of the game; golf and the workplace; coaching; equipment; and organization of outings.
- EDPE571 **Adv Gymnastics & Tumbling** (3) (EDPE271) Techniques and methods are designed and organized for a logical system for presenting gymnastics and tumbling skills performed on the apparatus. Basic physics or mechanics and physical action. Further understanding is required to provide a logical basis for analyzing success or failure of the learner.
- EDPE572 **Coaching Football** (3) (EDPE272) A study of the theories, skills, strategies and methods related to coaching football.
- EDPE573 **Coaching Basketball** (3) (EDPE273) Develop basic basketball coaching skills for youth, junior and high school levels.
- EDPE574 **Coaching Baseball** (3) (EDPE274) Introduce students to the fundamentals of baseball and coaching. The students will be able to identify these skills and teach them to their players. In addition to the fundamentals of baseball and coaching, the students will also be introduced to strategies employed during the game and in the building of a team and a program.

- EDPE575 **Coaching Track & Field** (3) (EDPE275) Study history of track and field and examine philosophies and trends in coaching. To develop knowledge of the various events and the proper organization of track meets.
- EDPE576 **Theory & Principles of Coachin** (3) (EDPE276) The profession of coaching. The roles of a coach in various aspects. The basic knowledge on developing a positive coaching philosophy, applying coaching principles, and using sport management skills in coaching practices effectively.
- EDPE578 **Coaching Soccer** (3) (EDPE278) An overview of the game of soccer from a coaching perspective. The course will focus on player development, practice organization, match analysis, team preparation, and soccer organizations.
- EDPE581 **Test & Evaluation in Sport/PE** (3) (EDPE381) The fundamental concepts and techniques of test and measurement. The basic statistical tools to treat collected data for the analysis and interpretation of test results.
- EDPE585 **Trends: Phys ED in Elem School** (3) (EDPE385) Physical education with an emphasis on past trends, meeting children's needs through games and play, curriculum development, youth sports, and the relationship between physical activity and intellectual growth.
- EDPE596 **Elem Sch Hlth/PE for Class Tea** (3) (EDPE384) Background information, skills, and activities teachers need to implement comprehensive school health and physical education. The basic information to develop and present a variety of lessons and activities in health and physical education.
- EDPE640 **Admin of Sch Athletic & Phys E** (3) The administrative and managerial duties of the physical education teacher, athletic trainer, sport administrator, and coach. Such topics as leadership and supervision, organizational structure and climate, human relations communication, sport law, equipment purchasing, budget management, pre-participation physical examinations, drug testing, and facility and event management will be addressed.
- EDPE642 **Sensory Integration & Mov Ed** (3) (EDPE392) Recognizing and identifying sensory, motor learning, and performance processes. Practical application of skill acquisition, use of feedback, preparations, and strategies for designing practice.
- EDPE644 **Nutrition** (3) (EDHE375) Nutrition and its role in human performance. Classes of nutrients, their physiological functions, and their role in sports and fitness. Nutritional supplements and ergogenic doping.
- EDPE652 **Leadership in Outdoor Ed** (3) Techniques for outdoor education programs.
- EDPE653 **Biomechanics** (3) (EDPE388) An analysis, evaluation, and application of mechanical factors influencing a wide range of motor skill movements.
- EDPE654 **Kinesiology** (3) (EDPE386) Fundamentals of human motion as they relate to physical education activities and skill performance. Fundamental principles of muscle action, muscle control, and biomechanics pertaining to movement.
- EDPE667 **Physiology of Exercise** (3) (EDPE267) Human physiology as it relates to exercise and physical activity. Bioenergetics, muscle physiology, cardiovascular physiology, environmental physiology, ergogenics, special populations, and health and fitness.

(EDRE) EDUCATION: READING EDUCATION
Undergraduate Courses

- EDRE269 **Phonics & Foundation of Litera** (3) (EDRE569) History of the English language, linguistics, and the use of phonetics as it relates to the reading process. Phonics as a major strategy in comprehension for emergent readers. Holistic philosophy and teaching.
- EDRE296 **Adult and Family Literacy** (3) The literature and key figures working in the area of literacy; the Literacy Volunteers of America certified training in Basic Reading Tutor Training. Research into the problem of illiteracy. Weekly in-service practice in a neighborhood literacy center. EDRE 296 is offered as part of the reading program and as an E/RS Focus elective course. Pre-requisite: PHIL

100, THEO 111; Co-requisite: PHIL 100, THEO 111. This course cannot be used towards the Reading Endorsement K-12.

- EDRE312 **Reading Methods for Early Child** (3) (EDRE512) Development process of reading for emergent readers in early childhood. Holistic philosophy as it relates to phonics, structural analysis, spelling, comprehension, and children's literature. Integration of speaking, listening, reading, and writing strategies across the curriculum.
- EDRE314 **Reading Methods for Middle Chd** (3) (EDRE514) Developmental process of reading for the middle school child. Holistic philosophy as it relates to content reading material and determining the needs of children in the content classroom. Skills and strategies for higher level thinking, creative and informational writing, study skills and the use of children's literature.
- EDRE471 **Content Area Literacy** (3) (EDRE671) The teaching of reading across the curriculum. Skill development, diagnostic techniques, prescriptive teaching, readability formulas and strategies, and materials for early childhood through secondary teaching.
- EDRE472 **Theories of Reading** (3) (EDRE672) An historic study and comprehensive analysis of the reading process from definition to application. Cyclical changes, current research and classroom application demonstration.
- EDRE478 **Diagnosis/Correct of Read Disa** (3) (EDRE678) Formal and informal testing for reading related disabilities surveyed. Factors associated with reading problems. Miscue analysis, portfolio assessment emphasized. Assessment portfolio for classroom use developed.
- EDRE479 **Practicum in Reading** (3) (EDRE679) Application of reading strategies and philosophical understandings of the reading process in a clinical setting. Holistic lesson planning and tutoring based upon portfolio assessment in EDRE 478.

Graduate Courses

- EDRE512 **Reading Methods for Early Chil** (3) (EDRE312) Development process of reading for emergent readers in early childhood. Holistic philosophy as it relates to phonics, structural analysis, spelling, comprehension, and children's literature. Integration of speaking, listening, reading, and writing strategies across the curriculum.
- EDRE514 **Reading Methods for Middle Chi** (3) (EDRE314) Developmental process of reading for the middle school child. Holistic philosophy as it relates to content reading material and determining the needs of children in the content classroom. Skills and strategies for higher level thinking, creative and informational writing, study skills and the use of children's literature.
- EDRE569 **Phonics & Foundation of Litera** (3) (EDRE269) History of the English language, linguistics, and the use phonics as it relates to the reading process. Phonics as a major strategy in comprehension for emergent readers. Holistic philosophy and teaching.
- EDRE671 **Content Area Literacy** (3) (EDRE471) The teaching of reading across the curriculum. Skill development, diagnostic techniques, prescriptive teaching, readability formulas and strategies, and materials for early childhood through secondary teaching.
- EDRE672 **Theories of Reading** (3) (EDRE472) An historic study and comprehensive analysis of the reading process from definition to application. Cyclical changes, current research and classroom application demonstration.
- EDRE678 **Diagnosis/Correct of Read Disa** (3) (EDRE478) Formal and informal testing for reading related disabilities. Factors associated with reading problems. Miscue analysis, portfolio assessment emphasized. Assessment portfolio for classroom use developed.
- EDRE679 **Practicum in Reading** (3) (EDRE479) Application of reading strategies and philosophical understandings of the reading process in a clinical setting. Holistic lesson planning and tutoring based upon portfolio assessment in EDRE 678.

(EDSM) EDUCATION: SPORT MANAGEMENT

Undergraduate Courses

- EDSM110 **Intro to Sport Management** (3) Management of programs in physical activities. Intercollegiate and interscholastic athletics. Professional sports. Recreational sports. Corporate fitness. Health clubs, country clubs, and other activity centers.
- EDSM132 **Sociology of Sport** (3) (SOCI232) Impact of sport on society. The social structures. The integration of sport with other social institutions.
- EDSM141 **Issue Affecting Student-Athlet** (1) Personal and social issues such as time management, note and test taking, goal setting, alcohol/drug awareness. Knowledge and discussion of NCAA and Xavier Athletic Department regulations, Sports Nutrition, Title IX, and gender equity.
- EDSM250 **Prof Development in Sport Mgmt** (3) The course is designed to prepare students to enter the sport industry. It is focused on identifying industry trends and their effect on employment in the field, exploring career paths, and developing effective job search skills.
- EDSM310 **Intro to Sport Marketing** (3) Career opportunities in the sports industry. The evolution of the field and its place in our economy. Marketing plan, current trends. Marketing mix, sponsorships, special event fundraising, public relations, promotions, television, sports products.
- EDSM322 **Facility & Event Mgmt** (3) Planning and managing athletic, physical education, recreation and other sport facilities. Basic concerns in developing and organizing events in sports areas.
- EDSM348 **Legal & Ethical Issues in Sprt** (3) (EDSM598) Basic legal principles affecting the management of physical activity and sports programs. Liability, negligence and risk assessment.
- EDSM360 **Sport Finance & Economics** (3) Concerns financial matters and business issues relating to the sport industry. Focus on awareness and understanding of basic financial responsibilities, a working vocabulary of financial terms, financial concepts and issues.
- EDSM370 **Basic Aquatics & Pool Mgmt** (2) Basic aquatic skills and pool management.
- EDSM377 **Sport Psychology** (3) Sport situations and of the science of psychology. The mental side of sports.
- EDSM410 **Sport Ethics** (3) This course is designed to provide an examination and discussion of ethical, managerial and moral issues related to individuals who work and participate in the area of sport and physical activity.
- EDSM495 **Internship in Sport Mgmt** (3 to 9) (EDSM695) Field experience within an area of interest. A total of 600 clock hours are required, which may be divided into three blocks of 200 hours. Culminating experience which may begin during the summer of a student's senior year. Internship site selection is a cooperative effort between the student and the advisor. Comprehensive portfolio is required.

Graduate Courses

- EDSM521 **Intro to Sport Administration** (3) Past, current and future trends in the field of sport management. Administrative theory, function, and application within the field of sport management.
- EDSM522 **Sport Research & Statistics** (3) This course is designed to introduce students to research methods and basic statistics associated with the field of sport and physical activity.
- EDSM523 **Sports Administration Seminar** (3) Current issues. Topics by guest practitioners. The diversity of the sport industry. Careers, position demands, and trends.
- EDSM595 **Sports Administration: Mktg** (3) The evolution of the field, its place in our economy, a marketing plan, current trends, case histories. Proposals offered by promoters. Career in sport marketing.

- EDSM596 **Sports Administration: Finance** (3) Sport and athletic/not-for-profit budgets-program based, project based, and line-item based. Formulating budgets. Budgeting cycles, political ramifications imposed and utilized in the federal cycle, fiscal year, and reserves. Financial markets, cash management, and municipal underwriting of recreation and parks facilities. Scale sheets, bond issues, BAN, VKX, sinking fund, etc. Grant-writing. Sources of funding, and endowment foundations.
- EDSM598 **Legal & Ethical ISS Sport & PE** (3) (EDSM348) Legal and ethical issues with regard to youth, school, college, amateur and professional sports.
- EDSM622 **Personnel Issues in Sport Mgmt** (3) Personnel functions. Job analysis, job description, recruitment, employee selection and retention, EEOC and affirmative action, staff morale and development, leadership and organizational culture, job performance/evaluation and mentoring.
- EDSM625 **High School Athletic Admin** (3) Current issues facing today's high school athletic director such as: student-athletes, faculty, staff development, administration, budget, and community relations in the operation and management of a high school athletic department.
- EDSM632 **Sport Event Mgmt & Promotion** (3) Operating special events with an emphasis on sports events. Administrative procedures, operational techniques, hospitality, public relations and marketing, and technical services. Practical application on scheduled events.
- EDSM642 **Sport Fund-Raising** (3) The course is designed to expose students to fundraising and philanthropy as they relate to sport. The focus is on fundraising principles, programs and activities as well as providing an understanding of contemporary issues as they relate to sport fundraising management.
- EDSM652 **NCAA: Rule,Regulation,Policies** (3) The development of collegiate sport and the NCAA from 1906-present. Critical issues facing collegiate sport today. The NCAA constitution, by-laws, and administrative structure. Comprehensive knowledge of the operating by-laws and operational differences between Division I, II, III.
- EDSM654 **Women in Sport** (3) Cultural, social-psychological, and physiological issues related to gender that influence the nature and extent of involvement.
- EDSM662 **PR & Communication in Sport** (3) The relationship between public relations practitioners and the media. The art of writing a press release. Coordination of a press conference. Advertising/marketing campaigns. Organization of special events. Management of a public relations crisis. Career opportunities.
- EDSM664 **Facility Design & Planning** (3) Planning and managing athletic, physical education, recreation, and other sport facilities.
- EDSM666 **Fitness Management** (3) Planning, organizing, and effectively managing the administration of health related fitness programs. Leadership characteristics, organizational strategies, proven business techniques. Diverse and multiple perspectives of contemporary administrative management for fitness.
- EDSM668 **Admin of Fitness & Wellness Pr** (3) Development and administration of current fitness and wellness principles.
- EDSM670 **Independent Study** (1 to 3) Investigate an area of student interest within the sport industry. Advisor's approval.
- EDSM692 **Sport Admin Research Project** (3) Research project. Guidance from a faculty member.
- EDSM695 **Internship in Sport Admin** (3 to 6) (EDSM495) The internship may be taken after successfully completing 15 semester hours. Will select either a three credit (200 clock hours) or six credit (400 clock hours) internship experience. Internships are planned and supervised learning activities. Take place in a sport industry.

**(EDSP) Education: Special Education
Undergraduate Courses**

- EDSP200 **Sp Ed: Identification & Issues** (3) (EDSP500) This course provides an overview of national and state policies, the etiology, assessments, classification, and issues of individuals and families with exceptional needs as well as the need for special education services and adaptations to the general education classroom. This course also addresses the process of collaborating to develop and write an individualized education program (IEP) to identify the adaptations and services needed by a student with a disability. Required field experience in diverse settings - 5 field hours.
- EDSP201 **Intro to Emotionally Dist Child** (3) (EDSP501, PSYC271) This course provides an overview of maladaptive behavior in school aged children and adolescents which addresses the psychological and medical factors affecting development. Other areas addressed are: social/emotional/family aspects, adaptive behaviors, social imperceptiveness, social competence, social isolation, learned helplessness, juvenile delinquency, medications, and evaluation of etiological factors.
- EDSP203 **Sp Ed: Comm & Collaboration** (3) (EDSP503) This course addresses the issues and practices concerning family systems and role of family; models and strategies for consultation and collaboration; effective communication with families, school personnel; and professional ethics, responsibilities and confidentiality. Students experience self-assessment and interpersonal skills needed for teaming and collaboration in educational settings with parents, teachers, administrators, paraprofessionals and other specialists covering all exceptionalities and cultural settings. Role playing, videotaping, and small group practices in teaming and collaboration roles. Required field experience in diverse settings - 5 field hours.
- EDSP204 **Read Assess & Strat-Lang Proc** (3) (EDSP504) This course provides the students with the knowledge and skills for diagnostic assessment of developmental language processing problems related to literacy skills of reading, writing, listening and speaking for students with and without disabilities; reading remediation strategies including technology; speech and language acquisition and learning theories (first and second language); and supervision of reading/language instruction across the curriculum K-12 in diverse cultural school settings. Review Ohio curriculum for foreign instruction and Ohio Model Competency-Based Language Arts. Required field experiences in diverse settings - 10 field hours. Pre-requisites: EDRE 471 Secondary Program students; EDRE 269, EDRE 471, EDRE 312 or EDRE 314 Special Education Programs students.
- EDSP205 **Foundations in ECSPED** (3) (EDSP505) Students in this course address the historical and philosophical foundations of services for young children; impact of sensory impairments, physical and health disabilities for individuals, families, and society. Research supported theories and issues concerning early childhood special education practices and methods; identification of at risk needs awareness, IFSP and IEP procedures and issues, developmentally appropriate practices; biological and environmental learning and developmental factors; medical/health issues, responsibilities, training, and implications for learning and prevention for educational settings. Articulation of personal philosophy of special education. CPR and First Aid Training and certification required. Required field experiences in diverse settings - 10 field hours.
- EDSP348 **Physical/Mental/Med Disabil** (3) (EDSP648) This course will expose students to the different types and causes of disabilities they are likely to find in their employment; learning about many of the different therapies, both pharmacological and other forms that have been proposed and presented to treat these disabilities; gaining of the knowledge and skills to help individuals and families with disabilities sort out the helpful from the hopeless therapies and treatments.

- EDSP360 **M/M Characteristics & Strategi** (3) (EDSP560) This course is designed to provide the students with a basic knowledge of mild to moderate disabilities. The course focuses on definitions and diversity in characteristics (including perceptual, cognitive, linguistic, academic, and social/emotional qualities) for individuals with mild to moderate disabilities as well as the major past and present educational and legal issues relevant to those individuals. Required field experience in diverse settings - 6 field hours. Pre-requisites: EDSP 200, EDFD 110.
- EDSP362 **M/M Support Services** (3) (EDSP562) Students in this course address service, transitional and resources issues, strategies, techniques used to integrate students with mild/moderate disabilities into diverse educational, social and community settings. Emphasis is on service delivery needs and issues for families; career vocational, health/medical and safety issues, training and intervention/prevention services; working with and guiding paraprofessionals; and support services for at risk students which includes legal aspects and responsibilities. First Aid and CPR training and certification required. Required field experience in diverse settings - 10 field hours. Pre-requisite: EDSP 200; EDSP 360 and EDFD 110.
- EDSP363 **Sp Ed: Assessment & Evaluation** (3) (EDSP563) The student taking this course will demonstrate the ability to administer non-biased formal assessments. They will be able to make the connection between assessment and instruction, use assessment information in eligibility program and placement decisions for individuals with mild/moderate learning needs, including those from culturally and/or linguistically diverse backgrounds. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with mild/moderate and at-risk disabilities. This is a LAB class that requires administering, scoring, and explaining test results. Students will keep a test log to document the field hours. Pre-requisite: EDSP 360.
- EDSP364 **DAP Instructional Materials** (3) (EDSP364) University students will demonstrate the ability to select and use specialized instructional strategies for students with mild/moderate learning needs that are age and ability appropriate. This will include multiple theoretical approaches as well as instructional methods to strengthen and compensate for deficits in perception, comprehension, memory, and retrieval. Students use strategies to facilitate maintenance and generalization across environments. Students use methods to teach mathematics appropriate to students with disabilities. This is a lab class, students are expected to create developmentally appropriate educational materials after class and demonstrate their use in class. Pre-requisite: EDSP 363.
- EDSP365 **Curr Practices:Mild Disabiliti** (3) (EDSP565) This course focuses on the role or responsibilities of the intervention specialists as it relates to curriculum adaptations and modifications and research supported instructional strategies and practices related to individual mild learner needs with a variety of disabilities. Students will develop and implement instructional plans for active learner participation which incorporates application of assessment, planning, implementing, and managing procedure for individual learners with mild cognitive and mild to severe affective/social/emotional behavioral needs across the curriculum. Required field experiences in diverse settings - 30 hours. Pre-requisite: EDSP 363, EDSP 364, and EDSP 374
- EDSP367 **Sp Ed: Behav & Soc Skills Mgmt** (3) (EDSP567) This course is designed to provide the student with the knowledge to develop and implement instructional and behavioral plans and programs for students with emotional and behavior problems that address social skills; strategies for crises prevention and intervention; self advocacy; procedures to increase self-awareness, self-management, self control; self-reliance, and self-esteem; self-enhancing behavior in response to societal attitudes and actions. Students will be prepared

- to manage verbal and physical acting out behaviors. Required field experiences in diverse settings - 8 hours. Pre-requisite: EDSP 380
- EDSP370 **M/I Characteristics & Strateg** (3) (EDSP570) This course is designed to provide the student with a basic knowledge of moderate to severe disabilities. Topics include definitions, identification procedures, due process rights, cultural and linguistic diversity, and characteristics for individuals with intellectual disabilities, including medical aspects; individuals who display developmental as well as multiple handicaps; and other conditions. The course will also deal with the major past and present educational, social/emotional, and legal issues relevant to those individuals. These issues will be referenced to inclusive practices that focus on the similarities between students with moderate to severe disabilities and their typical peers. Required field experience in diverse settings - 6 hours. Pre-requisite: EDSP 200, EDFD 110.
- EDSP372 **Communication Strategies & Tec** (3) (EDSP572) This course will focus on understanding and implementation of everyday functional communication methods and techniques through various theories, systems and technologies for individual students with moderate and intensive needs; classroom strategies and techniques in learning environment; selection/implementation of augmentative or alternative communication devices/systems; adaptations/assistive technology; medical care and methods with technology/family support and resources. LAB field experience is required with documentation.
- EDSP373 **M/I Assessment & Evaluation** (3) (EDSP573) University students taking this class will demonstrate the ability to administer nonbiased formal and informal assessments. They will be able to make the connection between assessment and instruction. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with moderate/severe disabilities (including functional assessments, task analysis and alternate assessments). Students will demonstrate the procedures for assessing and reporting both appropriate and problematic social behaviors of individuals with disabilities. Students demonstrate the reliable methods of response of individuals who lack typical communication and performance behaviors. This is a LAB class which requires that students administer, score and explain test results. Students will keep a test log to document field hours. Pre-requisite: EDSP 370.
- EDSP374 **Curr Prac:Moderate Disabilitie** (3) (EDSP574) This course focuses on curriculum theories and practices related to students with moderate disabilities in elementary through secondary education programs. Course content will focus on designing applied curriculum and multi-leveled instruction for active learner participation in inclusive educational environments which incorporate evaluating, planning, implementing, and managing procedures that are appropriate for individual needs. Required field experience in diverse settings - 30 hours. Pre-requisite: EDSP 370, EDSP373.
- EDSP376 **M/I Support Services** (3) (EDSP576) This course focuses on the relationship between local and state support delivery services for individuals with moderate and intensive physical, mental and medical disabilities K-12; networks, organizations, resources, strategies and techniques used to integrate students requiring moderate/intensive services into diverse educational, social, and community settings including assistive technology/devices, residential treatment, rehabilitation, career/vocational, health/medical; use strategies that promote successful transitions for individuals with exceptional learning needs; identify supports needed for integration into various program placements; structure, direct and support the activities of paraeducators, volunteers, and tutors; assist family in planning transitions; and, act ethically in advocating for appropriate service. Required field experiences in diverse settings - 10 hours. CPR and First Aid Training and Certification required. Pre-requisite: EDSP370

- EDSP380 **Classroom Management** (3) (EDSP580) Seminar course for teacher preparation (K - 12) concerning laws, policies, and ethical principles regarding behavior management, planning and implementation; establishing and maintaining positive classroom management; effective teaching/learning conditions and adaptations necessary for a healthy learning environment; useful and practical organizational procedures; problem solving/decision making techniques and strategies; communication skills necessary for classroom management; management practices concerning diverse classroom population and individualized learning. Required field experiences in diverse settings - 10 hours.
- EDSP381 **Play & Its Role in Dev & Learn** (3) (EDSP581) Students will focus on demands and management of the learning environment. This includes teacher attitudes and behavior. Course will also address play based skills and techniques; behavior management techniques; social skills planning and implementation; creating, supporting, facilitating interactive safe diverse learning. Required field experience in diverse settings - 8 hours. Pre-requisite: EDSP 205.
- EDSP389 **Prog Prac:Severe/Intensive Dis** (3) (EDSP589) This course focuses on specialized interventions for individuals with physical and health disabilities in educational settings; specialized materials for individuals with disabilities; prevention and intervention strategies for individuals with disabilities; technology for planning and managing the teaching and learning environment; select and plan for integration of related services into the instructional program, create or adapt appropriate learning plans; design and implement curriculum strategies for medical self-management procedures; use appropriate adaptations and assertive technology for all individuals with disabilities. Required field experiences in diverse settings - 30 hours. Pre-requisite: EDSP 370, EDSP 373, EDSP 374
- EDSP391 **ECSPED Learning Theories** (3) (EDSP591) Students will investigate and observe learning theory models as a foundation for early childhood intervention - understand development of infants and young children along with the ability to identify specific disabilities and describe implications for development and learning; use instructional practices based on knowledge of the child, family, community, and the curriculum; and support and facilitate family and child interactions as primary contexts for learning and development. Required field experiences in diverse settings - 6 hours. Pre-requisite: EDSP 205
- EDSP392 **ECSPED: Observation & Assessme** (3) (EDSP592) Students will demonstrate knowledge and skills with Early Childhood/Special Education intervention assessment, evaluation, techniques and report writing. This LAB course includes how to select, adapt, and administer formal and informal performance based assessment for specific sensory/motor, cognitive, and social disabilities; data collection, summarization, information integration and team collaboration in various settings (home, public/private centers, schools, classrooms, community agencies); staff and program assessment and evaluation; consultation service practice. LAB field experience required. Pre-requisite: EDSP 391
- EDSP393 **ECSPED: Curriculum Practices** (3) (EDSP593) Students in this course will demonstrate curriculum practices of selection, designing and developing ECSPED intervention classroom methods/materials; implement developmentally appropriate individual family/activities; systematic instruction; assess develop/progress; participation with interdisciplinary, interagency and intra-agency teams; design/plan/implement process and strategies for transitions; demonstrate understanding of foundations of curriculum, research-based practices. Required field experiences in diverse settings - 30 hours. Pre-requisite: EDSP 392
- EDSP395 **Independent Study & Research** (1 to 6) Special topics examined through independent research.
- EDSP400 **M/M Student Teaching** (10) This clinical experience course is taken when the student has finished all of the required coursework, completed the application

process. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.

- EDSP401 **Teaching Seminar** (2) (EDSP601) Students will demonstrate and articulate professional and personal philosophies of special education, including ethics and standards, objective judgments; research applications and reflective practices concerning teaching/learning. Completion of professional portfolio is required.
- EDSP402 **M/I Student Teaching** (10) This clinical experience course is taken when the student has finished all of the required coursework, and completed the application process, and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP403 **ECSPEd Student Teaching** (10) This clinical experience course is taken when the student has finished all of the required coursework, and completed the application process, and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP448 **Service Providers: Internship** (9) Participation in two (2) separate field placements, each eight (8) weeks in duration. From pre-internship experiences, these placements will be planned, supervised and evaluated through collaboratively developed goals and objectives. Student will assume duties of the placement as a transition specialist.

Graduate Courses

- EDSP500 **Sp Ed: Identification & Issue** (3) (EDSP200) This course provides an overview of national and state policies, the etiology, assessments, classification, and issues of individuals and families with exceptional needs as well as the need for special education services and adaptations to the general education classroom. The course also addresses the process of collaborating to develop and write and individualized education program (IEP) to identify the adaptations and services needed by a student with a disability. Required field experience in diverse settings - 5 field hours.
- EDSP501 **Intro to Emotionally Dist Chil** (2 to 3) (EDSP201, PSYC271) This course provides an overview of maladaptive behavior in school aged children and adolescents which address the psychological and medical factors affecting development. Other areas addresses are: social/emotional/family aspects; adaptive behaviors; social imperceptiveness; social competence; social isolation; learned helplessness; juvenile delinquency; medications; and evaluation of etiological factors.
- EDSP503 **Sp Ed: Comm & Collaboration** (3) (EDSP203) This course addresses the issues and practices concerning family systems and role of family; models and strategies for consultation and collaboration; effective communication with families, school personnel; and, professional ethics, responsibilities and confidentiality. Students experience self-assessment and interpersonal skills needed for teaming and collaboration in educational settings with parents, teachers, administrators, paraprofessionals, and other specialists covering all exceptionalities and cultural settings. Role playing, videotaping, and small group practices in teaming and collaboration roles. Required field experience in diverse settings - 5 hours.
- EDSP504 **Read Assess & Strat-Lang Proc** (3) (EDSP204) This course provides the candidate with the knowledge and skills for diagnostic assessment of developmental language processing problems related to literacy skills of reading, writing, listening, and speaking for students with and without disabilities; reading remediation strategies including technology; speech and language acquisition and learning theories (first and second language); and, supervision of reading/language instruction across the curriculum K-12 in diverse cultural school settings. Review Ohio curriculum for foreign instruction and Ohio Model Competency-Based Language Arts. Required field experiences in diverse settings - 10 hours. Pre-requisite: EDRE 671 Secondary Program students;

EDRE 569; EDRE 671; EDRE 512 or EDRE 514 Special Education Program students.

- EDSP505 **Foundations in ECSPED** (3) (EDSP205) Students in this course address the historical and philosophical foundations of services for young children; impact of sensory impairments, physical and health disabilities on individuals, families and society. Research supported theories and issues concerning early childhood special education practices and method; identification of at risk needs awareness, IFSP and IEP procedures and issues; developmentally appropriate practices; biological and environmental learning and developmental factors; medical/health issues, responsibilities, training and implications for learning and prevention for educational settings. Articulation of personal philosophy of special education. CPR and First Aid Training and certification required. Required field experience in diverse settings - 10 hours.
- EDSP560 **M/M Characteristics & Strategi** (3) (EDSP360) This course is designed to provide the candidates with a basic knowledge of mild to moderate disabilities. The course focuses on definitions and diversity in characteristics (including perceptual, cognitive, linguistic, academic, and social/emotional qualities) for individuals with mild to moderate disabilities as well as the major past and present educational and legal issues relevant to those individuals. Required field experience in diverse settings - 6 hours. Pre-requisite: EDSP 500 & EDFD 510.
- EDSP562 **M/M Support Services** (3) (EDSP362) Students in this course address service, transitional and resource issues, strategies, techniques used to integrate students with mild/moderate disabilities into diverse educational, social, and community settings. Emphasis is on service delivery needs and issues for families; career/vocational, health/medical, and safety issues, training and intervention/prevention services; working with and guiding paraprofessionals; and, support services for at risk students which includes legal aspects and responsibilities. First Aid and CPR training and certification required. Required field experience in diverse settings - 10 hours. Pre-requisite: EDSP 500; EDSP 560; EDSP 510.
- EDSP563 **Sp Ed: Assessment & Evaluation** (3) (EDSP363) The student taking this course will demonstrate the ability to administer non-biased formal assessments. They will be able to make the connection between assessment and instruction, use assessment information in eligibility program and placement decisions for individuals with mild/moderate learning needs, including those from culturally and/or linguistically diverse backgrounds. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with mild/moderate and at-risk disabilities. This is a LAB class that requires administering, scoring, and explaining test results. Students will keep a test log to document the field hours. Pre-requisite: EDSP 560
- EDSP564 **DAP Instructional Materials** (3) (EDSP364) University students will demonstrate the ability to select and use specialized instructional strategies for students with mild/moderate learning needs that are age and ability appropriate. This will include multiple theoretical approaches as well as instructional methods to strengthen and compensate for deficits in perception, comprehension, memory, and retrieval. Students use strategies that facilitate maintenance and generalization across environments. Students use methods to teach mathematics appropriate to students with disabilities. This is a lab class, students are expected to create developmentally appropriate educational materials after class and demonstrate their use in class. Pre-requisite: EDSP 563
- EDSP565 **Curr Practices:Mild Disabiliti** (3) (EDSP365) This course focuses on the role or responsibilities of the intervention specialists as it relates to curriculum adaptations and modifications and research supported instructional strategies and practices related to individual mild learner needs with a variety of disabilities. Students will develop and implement instructional plans for active learner participation which incorporates application of assessment, planning,

implementing, and managing procedure for individual learners with mild cognitive and mild to severe affective/social/emotional/behavioral needs across the curriculum. Required field experience in diverse settings - 30 hours. Pre-requisite: EDSP 563, EDSP 564 and EDSP 574.

EDSP567 **Sp Ed: Behav & Soc Skills Mgmt** (3) (EDSP367) This course is designed to provide the candidate with the knowledge to develop and implement instructional and behavioral plans and programs for students with emotional and behavioral problems that address social skills; strategies for crises prevention and intervention; self-advocacy; procedures to increase self-awareness, self-management, self-control, self-reliance, and self-esteem; self-enhancing behavior in response to societal attitudes and actions. Students will be prepared to manage verbal and physical acting out behaviors. Required field experience in diverse settings - 6 hours. Pre-requisite: EDSP 580.

EDSP570 **M/I Characteristics & Strategy** (3) (EDSP370) This course is designed to provide the student with a basic knowledge of moderate to severe disabilities. Topics include definitions, identification, procedures, due process rights, cultural and linguistic diversity, and characteristics for individuals with intellectual disabilities, including medical aspects; individuals who display developmental as well as multiple handicaps; and other conditions. The course also will deal with the major past and present educational, social/emotional, and legal issues relevant to those individuals. These issues will be referenced to inclusive practices that focus on the similarities between students with moderate to severe disabilities and their typical peers. Required field experience in diverse settings - 6 hours. Pre-requisite: EDSP 500 and EDFD 510.

EDSP572 **Comm Strategies & Techniques** (3) (EDSP372) This course will focus on the understanding and implementation of everyday functional communication methods and techniques through various theories, systems, and technologies for individual students with moderate and intensive needs; classroom strategies and techniques in learning environment; selection/implementation of augmentative or alternative communication devices/systems; adaptations/assistive technology; medical care and methods with technology/family support and resources. LAB field experience is required with documentation.

EDSP573 **M/I Assessment & Evaluation** (3) (EDSP373) University students taking this class will demonstrate the ability to administer nonbiased formal and informal assessments. They will be able to make the connection between assessment and instruction. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with moderate/severe disabilities (including functional assessments, task analysis and alternate assessments). Students will demonstrate the procedures for assessing and reporting both appropriate and problematic social behaviors of individuals with disabilities. Students demonstrate the reliable methods of response of individuals who lack typical communication and performance behaviors. This is a LAB class which requires that students administer, score and explain test results. Students will keep a test log to document field hours. Pre-requisite: EDSP 570.

EDSP574 **Curr Prac:Mod Disabilities** (3) (EDSP374) This course focuses on curriculum theories and practices related to students with moderate disabilities in elementary through secondary education programs. Course content will focus designing applied curriculum and multi-leveled instruction for active learner participation in inclusive educational environments which incorporate evaluating, planning, implementing, and managing procedures that are appropriate for individual needs. Required field experience in diverse settings - 30 hours. Pre-requisite: EDSP 570 & EDSP 573.

EDSP576 **M/I Support Services** (3) (EDSP376) This course focuses on the relationship local and state support delivery services for individuals with moderate and intensive physical, mental, and medical disabilities K-12; networks, organiza-

tions, resources, strategies and techniques used to integrate students requiring moderate/intensive services into diverse educational, social, community settings including assistive technology/devices, residential treatment, rehabilitation, career/vocational, health/medical; use strategies that promote successful transitions for individuals with exceptional learning needs; identify supports needed for integration into various program placements; structure, direct, and support the activities of paraeducators, volunteers, and tutors; assist family in planning transitions; and, act ethically in advocating for appropriate service. Required field experience in diverse settings - 10 hours. CPR and First Aid Training and Certification required. Pre-requisite: EDSP 570.

- EDSP579 **Autism and PDD** (3) Students in this course focus on autism and PDD problems, needs and issues. This also includes informal classroom assessment; management; instructional planning; implementing IEP goals and objectives into instructional methods and techniques; family and cultural issues; curriculum designing, development, implementation, adaptation/modification; communication/technology issues; and social/relationship problems. Required 5 hours of field experience.
- EDSP580 **Classroom Management** (3) (EDSP380) Seminar course for teacher preparation K-12 concerning laws, policies, and ethical principles regarding behavior management, planning and implementation, establishing and maintaining positive classroom management; effective teaching/learning conditions and adaptations necessary for a healthy learning environment; useful and practical organizational procedures; problem solving/decision-making techniques and strategies; communication skills necessary for classroom management; management practices concerning diverse classroom population and individualized learning. Required field experiences in diverse settings - 10 hours.
- EDSP581 **Play & Its Role in Dev & Learn** (3) Students will focus on demands and management of the learning environment. This includes teacher attitudes and behaviors. Course will also address play based skills and techniques; behavior management techniques; social skills planning and implementation; creating, supporting, facilitating interactive safe diverse learning environments. Required field experience in diverse settings - 8 hours. Pre-requisite: EDSP 505.
- EDSP582 **Gifted/Talented Chara & Strat** (3) Students in the course will focus on the identification of gifted/talented (P-12), legal policies/procedures; rights and responsibilities of family, students, educators, professionals, and institutions associated with the education of the gifted/talented; theories of intelligence and creativity, comparisons of tools and strategies, characteristics and needs of gifted/talented; placement options, effects of cultural identity, family, economic, physical-linguistic, academic, and social/emotional development; enrichment and acceleration needs of gifted/talented. Required field experience in diverse settings - 6 hours.
- EDSP583 **Res Mat & Tech: Gift/Talent** (3) Students in this course will have knowledge of and demonstrated skills with special resources materials and technologies for gifted/talented; technology assisted lessons; use technology for planning and managing the teaching and learning environment; independent/research activities; problem solving; critical thinking skills; evaluate learner products and portfolios; create and maintain records; resource materials and technology resources for gifted/talented instructional planning. Lab time required.
- EDSP584 **G/T Assessment & Instruction** (3) This course will provide and overview of assessment and instructional relationships for gifted/talented. Cultural, family, social and community effects on assessment and instruction will be discussed. Terminology, state/federal/legal provisions, regulations, and guidelines of assessment, referral, placement, and instruction practices will also be discussed. This is a LAB course that requires candidates to administer, score, and explain test results.

- EDSP585 **G/T Program Design & Practices** (3) This course focuses on how to select, adapt, and use instructional strategies and materials according to characteristics of individuals with gifts and talents; effective management of teaching and learning for these students; acceleration, enrichment, and counseling within a continuum of service options; grouping practices that support differentiated learning environments; ways to create learning environments that allow individuals to retain and appreciate their own and each others' respective language and cultural heritage; demonstration of use of instructional time; integration of curriculum and instructional strategies. Required field experience in diverse settings - 30 hours.
- EDSP586 **G/T Program Design & Pract II** (3) Students will have knowledge of and demonstrate skill with research curriculum design, development, coordination, and implementation based on various teaching program assessment needs, documentation, issues, design, development, demonstrate instructional implementations, sequencing, integration with reflection, involving the individual and family in program planning and implementation; respect and sensitivity to cultural, linguistic and gender differences; and program assessment needs, documentation, issues, design, development, coordination, and implementation. Required field experiences in diverse settings - 30 hours.
- EDSP589 **Prog Prac:Severe/Intensive Dis** (3) (EDSP389) This course focuses on specialized interventions for individuals with physical and health disabilities in educational settings; specialized materials for individuals with disabilities; prevention and intervention strategies for individuals with disabilities; technology for planning and managing the teaching and learning environment; select and plan for integration of related services into the instructional program; create or adapt appropriate learning plans; design and implement curriculum strategies for medical self-management procedures; use appropriate adaptations and assistive technology for all individuals with disabilities. Required field experiences in diverse settings - 30 hours. Pre-requisites: EDSP 570, EDSP 573 and EDSP 574.
- EDSP591 **ECSPED Learning Theories** (3) (EDSP391) Students will investigate and observe learning theory models as a foundation for early childhood intervention - understand development of infants and young children along with the ability to identify specific disabilities and describe implications for development and learning; use instructional practices based on knowledge of the child, family, community, and the curriculum; and support and facilitate family and child interactions as primary contexts for learning and development. Required field experiences in diverse settings - 6 hours. Pre-requisite: EDSP 505.
- EDSP592 **ECSPED: Observation & Asmt** (3) (EDSP392) Students will demonstrate knowledge and skills with Early Childhood/Special Education intervention assessment, evaluation, techniques, and report writing. This LAB course includes how to select, adapt, administer formal and informal performance based assessment for specific sensory/motor, cognitive, and social disabilities; data collection, summarization, information integration, and term collaboration in various settings (home, public/private centers, schools, classrooms, community agencies); staff and program assessment and evaluation; consultation service practice. LAB field experience required. Pre-requisite: EDSP 591.
- EDSP593 **ECSPED: Curriculum Practices** (3) (EDSP393) Students in this course will demonstrate curriculum practices of selection, designing, and developing ECSPED intervention classroom methods/materials, implement developmentally appropriate individual/family activities; systematic instruction; access development/progress; participation with interdisciplinary, interagency and intra-agency teams; design/plan/implement process and strategies for transitions; demonstrate understanding of foundations of curriculum, research-based practices. Required field experiences in diverse settings - 30 hours. Pre-requisite: EDSP 592. EDSP601 **Teaching Seminar** (2) (EDSP401) Students

will demonstrate and articulate professional and personal philosophies of special education, including ethics and standards, objective judgments; research applications and reflective practices concerning teaching/learning. Completion of professional portfolio is required.

- EDSP603 **M/M Teaching Practicum** (3) This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP604 **M/I Teaching Practicum** (3) This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP605 **G/T Teaching Practicum** (3) This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP606 **ECSPEd Teaching Practicum** (3) This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required clinical experience in diverse settings - 16 weeks. Pre-requisite: Passing all PRAXIS tests.
- EDSP648 **Physical/Mental/Med Disabil** (3) (EDSP348) this course will expose students to the different types and causes of disabilities they are likely to find in their employment; learning about many of the different therapies, both pharmacological and other forms that have been proposed and presented to treat these disabilities; gaining of the knowledge and skills to help individuals and families with disabilities sort out the helpful from the hopeless therapies and treatments.
- EDSP695 **Ind Reading & Research** (1 to 6) Special topics examined through independent research. Must be approved by program director.

(EDWS) EDUCATION: WORKSHOP

Undergraduate Courses

- EDWS284 **Alfred Hitchcock in Hollywood** (2) (COMM280, HIST280) This course is designed for undergraduates and serves as both an in-depth investigation of a major artist and an exploration of American attitudes and institutions during World War II, the Cold War, and the upheavals of the 1960s and early 70s. Students are required to do a significant amount of reading and writing.
- EDWS286 **America Through the Lens** (2) (COMM297, HIST286) Films and television programs will be analyzed in order to both identify the cultural and historical messages they contain. The formulas and conventions of Hollywood genres will be examined. This understanding of genre will serve as a primary analytical tool as we de-construct the films and television programs studied in class.
- EDWS288 **Un-"Happy Days": Fear in 1950'** (2) (COMM288, HIST288) This course is designed for undergraduates and serves to introduce students to the study of mass media as well as a crucial decade in American history. It also explores the use and misuse of history, calling into question the tendency to serve up history in ten year units (i.e., the opening lecture is "The Fifties: 1935-1992"). Students are required to do a significant amount of reading (two books and a handful of reviews) and writing (five short reaction papers and a longer analytical paper).
- EDWS305 **Writing is Power: Writer Wkshp** (2)
- EDWS310 **Addiction: An Epidemic** (1) (PSYC407, SOCW407) Various forms of addiction are becoming the leading social problems of this century. An overview of addiction will be imparted as well as specific manifestations such as sex, gambling, eating disorders, and drugs. The impact of addiction on the individual, family, and society will be discussed.
- EDWS319 **Music & Mvmnt for Class Teachr** (1) (MUSC619) This workshop is designed to integrate music and movement into the classroom connecting to all subjects

- through the arts. Multi-cultural interdisciplinary in structure and interactive. Class members create materials to use in the classroom to extend learning. This workshop is for arts teaching, movement and physical movement for all ages and special interests. A student and performer of the Dalcroze method will present the work of Dalcroze to develop mind and body coordination.
- EDWS339 **Sexism & Racism in Society** (1) (PSYC340, SOCW340) This course will explore the causes and effects of racial and gender stereotyping, prejudice, and discrimination on the individual, institutional, and cultural level. Emphasis will be on education, the workplace, interpersonal relations, and communication.
- EDWS345 **Zoos are Classrooms** (1) (BIOL301, EDWS544) Demonstrate how zoos may be used as an educational facility. Animal behavior, ecology, evolution, conservation, adaptations, classification, and other zoo-related topics will be examined.
- EDWS355 **Make & Take K-8 Wrld Mus Inst** (2) (EDWS535, MUSC380) Hands-on workshop building and playing simple musical instruments. No musical or technical skills are required. Designed for the general kindergarten to 8th grade classroom teacher. Along with musical activities creative ways of teaching math, science, history, the visual arts, and multi-cultural awareness will be explored.
- EDWS360 **Family and Society** (2) (SOCW310) A study of marriage preparation, partner selection, marital adjustment, family structure and functions, and marital dissolution. Current problems facing the family will be explored with an emphasis on macro and micro intervention strategies which may be employed for problem resolution.
- EDWS370 **Intervention with Abused Child** (1) (SOCW348) This course is designed to acquaint the student with the different types of child abuse, family dynamics, and profiles of victims and offenders. Knowledge of various intervention strategies will be imparted.
- EDWS372 **Chaos-Free Classroom Mgmt** (2) (EDWS572) This workshop will be offered in a literature based constructivist classroom. Participants will experience how to develop a classroom environment that supports constructivist teaching, establish teaching routines for self-management learning, and create a community of learners without chaos.
- EDWS386 **Geography Across Curriculum** (2) (EDWS586) Integrate geography by using a whole language approach through reading, creative writing, research, grammar, and other areas such as art, music, and the sciences. The goal is to teach an appreciation of world cultures.
- EDWS390 **Plants in the Classroom** (2) (BIOL304) Lectures, lab activities and field trips to demonstrate how plant material may be used in the classroom.
- EDWS408 **Women & Societal Violence** (1) (CJUS408, PSYC408, SOCW408) A historical perspective on violence against women. Modern day forms of violence against women and intervention will be studied. Prosecution of cases will be presented and treatment strategies for offenders will be explored.
- EDWS414 **Motivating for Achievement** (2) (EDWS714) Concept of motivation as it applies to achievement will be defined, analyzed and discussed in depth. Internal and external motivation, the role of self, the environment, communication, goal setting and reward systems, concept of empowerment will be explored.
- EDWS440 **Treating Sex Offenders&Victims** (1) (CJUS350, PSYC267, SOCW350) workshop will explore treatment issues and approaches for working with sex offenders, victims, and other family members.
- EDWS441 **Phonics Merged with Whole Lang** (2) (EDWS641) Course will offer a brief theoretical overview, then demonstrate a sequenced language program for children between the ages of 4 and 8. Emphasis will be on developing a systematic phonics program that incorporates the principles of whole language. Students will demonstrate their understanding of the integration by creating language materials that can be used by children in different stages of

skill acquisition. The workshop will engage students in activities that demonstrate the integrated curriculum in all areas of language acquisition: reading, writing, spelling, listening, and talking.

Graduate Courses

- EDWS501 **Adapt Teach Tech to Learn Styl** (2) (EDWS301) Topics will include: learning style elements, construction of content area materials, analyzing participants teaching styles as well as learning styles, multi-sensory memorization, interpretation of student profiles, applications to homework, teaching global students, characteristics of the gifted, approaches for tactile, kinesthetic children, juggling varied learning styles, time management, understanding of nine-view of learning style research, sharing successful programs and implications for critical thinking.
- EDWS507 **Pro Ethics for Educators** (1) The focus of this workshop will be exploring the ethical situations facing the professional educator through group discussions, individual reactions to various scenarios. This will include the impact of the ethical decisions relating to various aspects of the educational setting.
- EDWS511 **Cath School Leadership: FPS** (2) Focuses on the knowledge and skills needed to foster exciting and challenging visions of Catholic school leadership as we move into the new millennium. Looks at the latest research and thinking about leadership, and particularly as the literature distinguishes it from management or administration.
- EDWS512 **Cath School Leadership: PPT** (2) Professional development workshop which addresses the practical aspects of administrative leadership in a Catholic school. Focuses on the many problem solving challenges that administrators and teachers face on a daily basis.
- EDWS513 **Leading a Catholic School: FMD** (2) A professional development workshop that applies the skills and dynamics of effective leadership to the successful administration of a Catholic school. Addresses the essential requirements and implications of what it means to be the educational and spiritual leader of a Catholic school.
- EDWS515 **Religious Found for C. S. Lead** (2) Focuses on what educational leaders and teachers in a Catholic school must possess within themselves in order to promote a living and conscious faith among students. At the heart of this endeavor is a working knowledge of the basic beliefs of the Church, the meaning of the catechetical process, faith development, how to read and interpret the Scriptures, how to assist students in being at home with the sacraments and the Eucharist as the source and summit of Christian life.
- EDWS519 **Child & Adolescent Chronic Ill** (1) (PSYC714, SOCW414) This intensive course will examine the child and adolescent with chronic illness and discuss treatment approaches from a multi-disciplinary or bio-psycho-social intervention model. The instructor will draw upon extensive experience and observations from working in clinics, hospitals or in the field with children who have been diagnosed with such disorders as: cancer, hemophilia, AIDS, diabetes, sickle cell anemia, endocrine/growth problems, cleft palate, genetic anomalies, mental health DSM-IV disorders, as well as children with multiple handicaps and disabilities. Emphasis will be given to practical ways counselors and other mental health professionals and teachers can build and maintain therapeutic relations with children who have been dealt this difficult challenge of handling a chronic or life threatening illness. Additionally, this course will give special attention to identifying needs, assessing, and treating families and siblings of children who have a chronic illness.
- EDWS520 **Gestalt Therapy** (1) (PSYC615, SOCW484) Introduction to theoretical foundations and therapeutic techniques of Gestalt therapy with particular emphasis on experimental learning.
- EDWS528 **Avoiding Teacher Burnout** (1) Teaching is only second to police work in terms of rates of job burnout. It is a stressful occupation that has become more so in

- the past 20 years. This workshop provides the participant with research-based strategies proven to make the at-risk school teacher more resilient and more capable of handling the stress of teaching in healthy, life-affirming ways.
- EDWS529 **Dealing with Tough Kids: Disci** (1) Effectively dealing with student behavior in the classroom has become a major concern for teachers in schools today. This workshop gives a full range of proactive and reactive approaches for managing these behaviors effectively so effective instruction can proceed. Based in a research-based theoretical framework, participants are presented a range of effective techniques.
- EDWS535 **Make & Take K-8 Wrld Mus Instr** (2) (EDWS355, MUSC380) Hands-on workshop building and playing simple musical instruments. No musical or technical skills are required. Designed for the general kindergarten to 8th grade classroom teacher. Along with musical activities creative ways of teaching math, science, history, the visual arts, and multi-cultural awareness will be explored.
- EDWS541 **EDUC: Challenging Perceptions** (1) This workshop will explore challenges facing the teaching profession. The emphasis will focus on perceptions, conceptions about the educational career experience. Designed specifically for teachers who are within their first five years of their career. What districts, personnel, administration can do for you.
- EDWS544 **Zoos are Classrooms** (1) (BIOL301, EDWS345) Demonstrate how zoos may be used as an educational facility. Animal behavior, ecology, evolution, conservation, adaptations, classification, and other zoo-related topics will be examined.
- EDWS563 **Counseling Challenging Youth** (1) (CJUS463, PSYC380, SOCW463) Workshop participants will learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies will be formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants will be challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.
- EDWS572 **Chaos-Free Classroom Mgmt** (2) (EDWS372) This workshop will be offered in a literature based constructivist classroom. Participants will experience how to develop a classroom environment that supports constructivist teaching, establish teaching routines for self-management learning, and create a community of learners without chaos.
- EDWS580 **Marital & Family Therapy** (2) (PSYC627, SOCW472) Provides an overall introduction into marital and family therapy in teaching a range of psychological disorders. Acquaints the student with the latest advances in assessment and therapeutic intervention procedures from a marital and family therapeutic perspective.
- EDWS583 **Poetry for Children** (2) The Poetry for Children Workshop will be an intensive study of poetry written for children and young adults. This workshop is designed for teachers and/or interested participants who enjoy reading and writing poetry.
- EDWS586 **Geography Across Curriculum** (2) (EDWS386) Integrate geography by using a whole language approach through reading, creative writing, research, grammar, and other areas such as art, music, and the sciences. The goal is to teach an appreciation of world cultures.
- EDWS617 **EC Math: Probability & Geometr** (3) This course investigates the conceptual development of probability, data analysis, geometry and spatial sense in young children. Participants will actively explore these mathematical concepts through experimentation, discovery, manipulation, discussion, calculators and computers. Emphasis will be placed on both the content and pedagogy of the National Council of Teachers of Mathematics Content Standards, the Ohio

Academic Content Standards and the Archdiocese of Cincinnati Graded Course of Studies in the area of Probability and Geometry.

- EDWS619 **Music & Movement for Classroom Teachers** (1) (MUSC319) This workshop is designed to integrate music and movement into the classroom connecting to all subjects through the arts. Multi-cultural interdisciplinary in structure and interactive. Class members create materials to use in the classroom to extend learning. This workshop is for arts teaching, movement and physical movement for all ages and special interests. A student and performer of the Dalcroze method will present the work of Dalcroze to develop mind and body coordination.
- EDWS624 **Teaching with Technology** (2) Designed to prepare teachers to integrate computer and other technologies into the curriculum. Teachers will have the opportunity to explore and apply word processing, databases, spreadsheets, CD-ROM's, multimedia presentation software, scanners, digital cameras, educational software, Internet, and other technological resources/media. Teachers will learn to effectively integrate technology into curricular objectives.
- EDWS625 **Cognitively Guided Math Instruction** (1) This course is to provide instruction in teaching K-3 arithmetic operations using contextual work problems. The focus is on materials developed by educational research conducted by faculty at the University of Wisconsin.
- EDWS641 **Phonics Merged with Whole Language** (2) (EDWS441) Course will offer a brief theoretical overview, then demonstrate a sequenced language program for children between the ages of 4 and 8. Emphasis will be on developing a systematic phonics program that incorporates the principles of whole language. Students will demonstrate their understanding of the integration by creating language materials that can be used by children in different stages of skill acquisition. The workshop will engage students in activities that demonstrate the integrated curriculum in all areas of language acquisition: reading, writing, spelling, listening, and talking.
- EDWS649 **Hardware & Software Overview** (3) (INFO949) Analysis of the architecture of microcomputers, workstations, and small to mid-range computers.
- EDWS667 **Integrating Science & Literature** (2) This course develops concepts and vocabulary related to themes in children's literature by using simple, easily-understood experiments. Topics which will be addressed include ecology, health, physical science, plants and animals. Science concepts have been selected from the National Science Educational Standards. Examples are: balance, inquiry, cycles and systems.
- EDWS714 **Motivating for Achievement** (2) (EDWS414) Concept of motivation as it applies to achievement will be defined, analyzed and discussed in depth. Internal and external motivation, the role of self, the environment, communication, goal setting and reward systems, concept of empowerment will be explored.
- EDWS718 **The Dynamics of Cults** (1) This workshop focuses on the recent proliferation of cult activity and the issues that are raised by a study of this phenomenon. Practical strategies and suggestions for understanding this topic will be offered. Issues to be examined include: commonly held myths, the vulnerability of individuals to deceptive manipulation, the techniques of attitude change and personality conversion, how conversion states are maintained, the importance of critical thinking, the processes involved in leaving cultic groups and the rehabilitation needs of ex-members.
- EDWS719 **Childhood Psychopathology** (1) (PSYC716, SOCW483) Identification, assessment and treatment procedures useful in working therapeutically with a range of psychological disorders experienced by children and adolescents.