American Sign Language

18ASL101 Orientation to Deafness
This course is intended to introduce students to the major concepts and issues in the field of deafness. This course also integrates the disciplines of history, anthropology, linguistics, creative arts, and literature as they apply to deaf culture and the deaf community. BoK: SS., DC. Credit Level: U. Credit Hrs: 3.00

18ASL191 American Sign Language I
A first level course in the visual, gestural language of American Sign Language (ASL). This course is designed to offer an overview of linguistic, cultural, and sociolinguistic information regarding ASL while developing communication skills, both receptive and expressive. An understanding of culture and identity of the deaf community will be incorporated into this course. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL192 American Sign Language II
A second level course in the visual, gestural language of American Sign Language (ASL). This course is designed to offer an overview of linguistic, cultural, and sociolinguistic information regarding ASL while developing communication skills, both receptive and expressive. An understanding of culture and identity of the deaf community will be incorporated into this course. This course will be conducted in sign language with minimal voicing. Prereq: 18SPED191. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL193 American Sign Language III
A third level course in the visual, gestural language of American Sign Language (ASL). This course is designed to offer an overview of linguistic, cultural, and sociolinguistic information regarding ASL while developing communication skills, both receptive and expressive. An understanding of culture and identity of the deaf community will be incorporated into this course. This class will be conducted in sign language with minimal voicing. Prereq: 18SPED191, 18SPED192. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL210 Psychosocial Aspects of Deafness
This course is designed to introduce students to psychosocial aspects of deafness. Students will learn about the language, norms of behavior, values, and traditions. The evolution of a pathological view of deaf people to a cultural one will be analyzed from a historical and sociological perspective. BoK: SS., DC. Credit Level: U. Credit Hrs: 3.00

18ASL211 History of Deaf Heritage
This course is an introductory survey of the unique characteristics influencing deaf people throughout the past hundred years, and the achievements and accomplishments made by deaf individuals in various professional fields. Also, students will learn the importance of the national organizations of the deaf and of the achievements of deaf advocacy groups protecting the rights of deaf people. BoK: HP., DC. Credit Level: U. Credit Hrs: 3.00

18ASL291 Intermediate American Sign Language I
The course seeks to deepen students' grammatical competency on all linguistic levels: sign formation, vocabulary, morphology, syntax, and discourse. Emphasis will be placed upon improving students' receptive and productive abilities through exposure to connected discourse. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL292 Intermediate American Sign Language II
The course seeks to deepen students' grammatical competency on all linguistic levels: sign formation, vocabulary, morphology, syntax, and discourse. Emphasis will be placed upon improving students' receptive and productive abilities through exposure to connected discourse. Prereq: 18SPED291. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL293 Intermediate American Sign Language III
The course seeks to deepen students' grammatical competency on all linguistic levels: sign formation, vocabulary, morphology, syntax, and discourse. Emphasis will be placed upon improving students' receptive and productive abilities through exposure to connected discourse. Prereq: 18SPED291, 18SPED292. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL310 Legal Issues of Deafness
A comprehensive course about deaf and hard of hearing individuals seeking equal access to social services, education, employment, and medical care, including federal and state laws prohibiting discrimination against the handicapped. BoK: SS., DC. Credit Level: U. Credit Hrs: 3.00

18ASL391 Advanced American Sign Language and Linguistics
This course will cover Units 1-4 in Signing Naturally-Level III curriculum. Students will increase their skills in receptive and expressive American Sign Language grammar, semantics, syntax, and discourse via a total immersion experience (no voicing in the classroom). Prereq: 18SPED293. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ASL392 Advanced American Sign Language II
This course will cover Units 5-8 in Signing Naturally-Level III curriculum. Students will increase their skills in receptive and expressive American Sign Language grammar, semantics, syntax, and discourse via a total immersion experience (no voicing in the classroom). Prereq: DC. Credit Level: U. Credit Hrs: 3.00

18ASL393 Advanced American Sign Language III
Advanced American Sign Language III will cover Units 9-12 in Signing Naturally-Level III curriculum. Students will increase their skills in receptive and expressive American Sign Language grammar, semantics, syntax, and discourse via a total immersion experience (no voicing in the classroom). BoK: DC. Credit Level: U. Credit Hrs: 3.00

Athletic Training

18ATH161 Prospective Applications in Athletic Training I
Introduction to prophylactic injury prevention techniques for practice in the field of athletic training. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH162 Prospective Applications in Athletic Training II
The application of injury management and screening techniques for the practice of athletic training. Prereq: 18HPE177, 18HPE161. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH171 Athletic Training Practicum I
Application of psychomotor skills dealing with the prevention and management of physical activity and sports-related injuries. A review of emergency procedures, basic prophylactic taping/wrapping applications, equipment management, and other basic athletic training techniques. Prereq: 18HPE162. BoK: NA. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.
Athletic Training

18ATH171
Athletic Training Practicum I
2.00

18ATH172
Functional Anatomy for Athletic Training
The study of surface and musculoskeletal anatomy with an emphasis in palpation, motion, and function for athletic training. Prereq: 18ATH162. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18ATH177
Introduction to Athletic Training
An introduction to the profession of athletic training and related fields. Basic methods of prevention, recognition, management, and injury risks factors of physical activity and sports-related injuries. BoK: NS., SS. Credit Level: U. Credit Hrs: 3.00

18ATH178
Fundamentals of Athletic Training
An introduction to clinical applications of athletic training techniques and recognition and management of physical activity and sports-related injuries. Will provide a basic understanding of the operation of an athletic training room, the operation of selected therapeutic modalities and rehabilitation equipment, and basic competencies in athletic training. Prereq: 18HPE177. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18ATH271
Athletic Training Practicum II
Application of head, cervical spine, and upper extremity evaluation techniques. Application of Level I Proficiencies in athletic training relating to management of injuries under the direction of an approved clinical instructor. The student will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE171. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH272
Athletic Training Practicum III
Application of lower extremity orthopedic evaluation techniques. Application of Level II clinical proficiencies in athletic training relating to injury recognition and management of the upper extremity, head, and cervical spine injuries to individuals involved in physical activity and sports under the direction of an approved clinical instructor. The student will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE271. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH273
Athletic Training Practicum IV
Application of orthopedic evaluation techniques and management of upper and lower extremities. Application of Level II clinical proficiencies in athletic training relating to injury recognition and management of the lower extremity, pelvis, and lumbar spine injuries to individuals involved in physical activity and sports under the direction of an approved clinical instructor. The student will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE271, 18HPE272. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18ATH278
Sports Injury Evaluation I
The study of injury pathology and sports injury assessment, recognition, and management routines for the upper extremities, head, and cervical spine. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH279
Sports Injury Evaluation II
The study of injury pathology and sports injury assessment, recognition, and management routines for the lower extremities, lumbar spine, and pelvis. Prereq: 18HPE278. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH313
Methods & Applications of Strength & Conditioning Programs
A theoretical and practical approach to various methods applied in the development and implementation of activity-specific strength and conditioning programs for physically active individuals and competitive athletes. Prereq: 18HPE378. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH371
Athletic Training Practicum V
Application of general medical, thoracic spine, abdominal, and facial evaluation techniques. Application of Level II clinical proficiencies in athletic training relating to orthopedic evaluation techniques and management of upper and lower extremities for individuals involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE273, 18HPE279. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH372
Athletic Training Practicum VI
Application of therapeutic modality techniques. Application of Level III clinical proficiencies in athletic training relating to the recognition, evaluation, and management of general medical illnesses and conditions, thoracic spine, abdomen, and facial injuries for those involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE371, 18HPE377. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH377
Advanced Topics in Sports Medicine
Introduction to a core set of material as it pertains to: common medical illnesses, non-extremity injuries, and pharmacology. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH378
Therapeutic Modalities for Sports Injuries
Introduction to the rationale and application of therapeutic modalities used in the profession of athletic training for physical activity and sports-related injuries. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH379
Rehabilitation of Sports Injuries
Introduction to the theory and methodology of advance rehabilitation techniques for physical activity and sports injury rehabilitation. Prereq: 18HPE378. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH471
Athletic Training Practicum VII
Evaluation of clinical skills and knowledge to prepare for the BOC Test. Application of Level III/IV proficiencies in athletic training relating to implementation of rehabilitation and strength and conditioning programs for injuries to individuals involved in physical activity and sports under the direct supervision of an approved clinical instructor. The student will complete practical experience at an approved clinical site. Prereq: 18HPE373, 18HPE379. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH476
Athletic Training Seminar
A seminar concentrating on athletic training skill development for professional practice and examining current research and contemporary issues in athletic training. Application of Level III clinical proficiencies in athletic training relating to implementation of therapeutic modalities for individuals involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE371, 18HPE373. BoK: NA. Credit Level: U. Credit Hrs: 2.00

College of Education, Criminal Justice, and Human Services
Athletic Training

18ATH313
Methods & Applications of Strength & Conditioning Programs
conditioning programs for physically active individuals and competitive athletes. Prereq: 18HPE378. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH371
Athletic Training Practicum V
Application of general medical, thoracic spine, abdominal, and facial evaluation techniques. Application of Level II clinical proficiencies in athletic training relating to orthopedic evaluation techniques and management of upper and lower extremities for individuals involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE273, 18HPE279. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH372
Athletic Training Practicum VI
Application of therapeutic modality techniques. Application of Level III clinical proficiencies in athletic training relating to the recognition, evaluation, and management of general medical illnesses and conditions, thoracic spine, abdomen, and facial injuries for those involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE371, 18HPE377. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH377
Advanced Topics in Sports Medicine
Introduction to a core set of material as it pertains to: common medical illnesses, non-extremity injuries, and pharmacology. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH378
Therapeutic Modalities for Sports Injuries
Introduction to the rationale and application of therapeutic modalities used in the profession of athletic training for physical activity and sports-related injuries. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH379
Rehabilitation of Sports Injuries
Introduction to the theory and methodology of advance rehabilitation techniques for physical activity and sports injury rehabilitation. Prereq: 18HPE378. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ATH471
Athletic Training Practicum VII
Evaluation of clinical skills and knowledge to prepare for the BOC Test. Application of Level III/IV proficiencies in athletic training relating to implementation of rehabilitation and strength and conditioning programs for injuries to individuals involved in physical activity and sports under the direct supervision of an approved clinical instructor. The student will complete practical experience at an approved clinical site. Prereq: 18HPE373, 18HPE379. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18ATH476
Athletic Training Seminar
A seminar concentrating on athletic training skill development for professional practice and examining current research and contemporary issues in athletic training. Application of Level III clinical proficiencies in athletic training relating to implementation of therapeutic modalities for individuals involved in physical activity and sports under the direction of an approved clinical instructor. Students will complete practical experience in athletic training at an approved clinical site. Prereq: 18HPE371, 18HPE373. BoK: NA. Credit Level: U. Credit Hrs: 2.00

H=University Honors course.
Athletic Training

18ATH476
Athletic Training Seminar
experience in athletic training at an approved clinical site. BoK: NA.
Credit Level: U. Credit Hrs: 2.00

18ATH477
Administration of Sports Medicine Programs
Administrative components, policies, procedures, and organizational
patterns in various athletic training settings. BoK: NA. Credit Level: U.
Credit Hrs: 3.00

Curriculum and Instruction

18C1247
Computer Tools for Teachers
This course encompasses effectively analyzing, designing, developing,
implementing, and evaluating educational technology as an instructional
resource in the classroom as related to principles of learning and
assessment. Students will develop increased classroom communication
and management skills through discussions, modeling, laboratory
experiences, and completion of a comprehensive project. BoK: NA.
Credit Level: U. Credit Hrs: 4.00

18C1400
Teaching and Learning in Diverse Classrooms
This course exposes students to the problems, issues, and experiences
of students from under-represented groups based on race, ethnicity,
language, socio-economic status, and sexual identity. BoK: SE. Credit
Level: U. Credit Hrs: 3.00

18C1500
STEM Education Capstone
As a part of the Choose Ohio First Scholarship Program (PK-8 COF)
grant, a capstone experience is required in which COF Fellows
demonstrate their ability to design, implement, and evaluate a STEM
instructional plan. This is the final course in a series. BoK: NA.
Credit Level: U. Credit Hrs: 1.00-3.00

18C1523
Field Experiences Practicum
This course allows students to participate in a special practical
experience working in a K-12 classroom. Permission from the Director
of Field Experiences must be obtained before registering for this class.
BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18C1572
Individual Study
Individual research on a problem related to major field of study. BoK:
NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18C1630P
Learning and Teaching Language Arts and Social Studies in
Grades 4 and 5
The course is for licensed Pk-3 teachers interested in adding the ECE
Generalist for grades 4/5. The course will address interdisciplinary
teaching of Language Arts and Social Studies content. BoK: NA.
Credit Level: G, U. Credit Hrs: 3.00

18C1631P
Learning and Teaching in Mathematics and Science in Grades 4/5
The course is for licensed Pk-3 teachers interested in adding the ECE
Generalist for Grades 4/5. The course will address interdisciplinary
teaching of Mathematics and Science content. BoK: NA. Credit Level:
G, U. Credit Hrs: 3.00

18C1632P
Effective Instruction in Grades 4 and 5 (includes field experience)
The course is for licensed Pk-3 teachers interested in adding the ECE
Generalist for Grades 4/5. The course will address pedagogy for
teaching students in grades 4/5. BoK: NA. Credit Level: G, U. Credit
Hrs: 3.00

18C1658
STEM Education Seminar
Offered odd numbered years only, the purpose of this course is to give
pre-service teachers in science and mathematics areas an orientation
to the nature of STEM as an integrated approach to teaching the
disciplines in an authentic, contextualized, real-world manner. This
course is for all Choose Ohio First Scholarship recipients (MDL, SPED,
ECE). BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18C1659
Integrating STEM into Practice
Offered even numbered years only, this course will provide an
interdisciplinary approach to integrating STEM into practice across the
disciplines of physics, chemistry, biology, and mathematics. Required
for Choose Ohio First Recipients in MDL. BoK: NA. Credit Level: U, G.
Credit Hrs: 2.00

18C1672P
The Teaching and Learning of Number Sense and Algebraic
Reasoning
This course is a requirement for the pre K-6 mathematics specialist
endorsement and focuses on a deep and fundamental understanding of
number as well as algebraic reasoning as a key component of problem
solving. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18C1706
Global Education: Immigrant Children and Their Families
Analysis of current trends and programs on global/international
education; focus on cross-cultural studies and communication as they
affect teachers and students representing different world regions. BoK:
DC. Credit Level: U, G. Credit Hrs: 3.00

18C1710
Math as an Interdisciplinary Topic
Offered even numbered years only, this course will teach activities to
help illustrate the connection between mathematics and other subject
areas including music, art, social studies, science, and literacy. BoK:
NA. Credit Level: U, G. Credit Hrs: 3.00

18C1670P
The Development of Mathematical Thinking
This course is a requirement for the PreK-6 Mathematics Specialist
Endorsement and examines theory and research that informs our
understanding of the development of mathematical thinking in children.
Credit Level: G. Credit Hrs: 3.00

18C1671P
Teaching and Learning of Pre K-6 Geometry and Measurement
This course is a requirement for the pre K-6 mathematics specialist
endorsement and examines theory and research that informs our
understanding of the development of mathematical thinking in children.
Credit Level: G. Credit Hrs: 3.00

18C1673P
Data and Statistics in the Classroom and in the School
This course is a requirement for the pre K-6 mathematics specialist
endorsement and examines theory and research that informs our
understanding of the development of mathematical thinking in children.
Credit Level: G. Credit Hrs: 3.00

18C1674P
Assessment and Evaluation in Mathematics Education
This course is a requirement for the pre K-6 mathematics specialist
endorsement and focuses on the selection, administration, scoring, and
interpretation of both formal and informal assessments. Credit Level: G.
Credit Hrs: 3.00

18C1675P
Becoming a Teacher Leader
This course is a requirement for the pre K-6 mathematics specialist
endorsement and examines theory and research that informs our
understanding of the development of mathematical thinking in children.
Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
the purpose of scientific investigation, and how scientific knowledge is context shapes what is accepted as science and scientific knowledge, science during various historical time periods. Explores how historical

This course deals with the interface of science and the philosophy of learning in middle schools is fostered and assessed. Credit Level: G. Credit Hrs: 3.00

This course examines the research base that addresses how middle teachers develop skills and techniques for the teaching of number Focuses on the nature of diversity, both in society and in the classroom, and its relationship to what is studied and how it is taught. Addresses nature and use of culturally responsive pedagogy to enhance learning and the classroom experience. Credit Level: G. Credit Hrs: 3.00

Examines philosophical, historical, political/legislative, and socio-cultural forces shaping school curricula, past and present. Provides multiple perspectives for identifying and evaluating the consequences of curricular choices. Credit Level: G. Credit Hrs: 3.00

Forces Shaping the School Curriculum

Addressing Diversity in the Classroom

Developing Number Sense

Research Into Middle Childhood Education

History and Philosophy of Science for Science Educators

Credit Level: H. Credit Hrs: 3.00

Curriculum and Instruction

18CI735  Recognizing, Assessing and Supporting Quality Instructional Practices w/Collegues for Tchr Ldrs
This course of study in instructional leadership will introduce Teacher Leader Candidates to the research on, application of, and assessment of quality instruction. Credit Level: G. Credit Hrs: 3.00

18CI737  Practicum Seminar for Teacher Leaders
This one credit hour course to be taken each quarter over three quarters is designed to support teacher leader candidate’s implementation of leadership activities. Credit Level: G. Credit Hrs: 1.00-3.00

18CI740  Topical Seminar in Mathematics Education
Study of various topics related to recent developments in the learning and teaching of mathematics in elementary and secondary schools. Recommended for inservice teachers and others interested in math education. Credit Level: G. Credit Hrs: 1.00-3.00

18CI745  Assessment in the Mathematics Classroom: K-12
An exploration of alternative and traditional assessments and their impact upon student learning in the mathematics classroom. Credit Level: G. Credit Hrs: 3.00

18CI746  Practicum in Higher Education
Observation and supervised experiences in a university or college setting. Credit Level: G. Credit Hrs: 1.00-6.00

18CI749  Design of On-line Learning Environments
An introduction to the design of on-line learning environments. This course explores current research on on-line learning while covering administration, facilitation, course development, and strategies to encourage reflection and interaction in on-line learning environments. How technologies can change traditional teaching, the way people work, and learning in schools. Credit Level: G. Credit Hrs: 3.00

18CI750  The Teaching and Learning of Algebra
Ways to provide opportunities for students of all ages to study algebraic concepts. Credit Level: G. Credit Hrs: 3.00

18CI751  Teaching/Learning Data Analysis
This course is designed to enable mathematics teachers of any grade level (K-12) to better understand data analysis and how to incorporate it into their classroom teaching. We also look at some of the research on teaching data analysis. Credit Level: G. Credit Hrs: 3.00

18CI752  Calculators and Computers as Tools in the Teaching of Mathematics
Participants explore uses of calculators and computers for the teaching of mathematics in grades K-12 and examine research on the impact of these tools on children's learning. Credit Level: G. Credit Hrs: 3.00

18CI754  Mathematics Education in the Early Elementary Grades
An in-depth exploration of students’ invented strategies for mathematical problem solving across all mathematics curricular areas. Credit Level: G. Credit Hrs: 3.00

18CI755P  Developing a Deeper Understanding of Leadership for Teacher Leaders
Teacher leaders will examine their own leadership styles and beliefs, while learning more about leadership in general and school leadership in particular. Credit Level: G. Credit Hrs: 3.00

18CI756P  Developing and Sustaining Learning Communities
This course provides participants an opportunity to explore the emerging research base about effective practices for creating, maintaining, and utilizing professional learning communities in schools and districts. Credit Level: G. Credit Hrs: 3.00

18CI757P  Coaching and Mentoring for Improved Results for Teacher Leaders
This course focuses on developing the knowledge, skills, and dispositions necessary for teacher leaders to provide high levels of effective coaching and mentoring focused on improving teaching practices and learning for all students. Credit Level: G. Credit Hrs: 3.00

18CI758P  Recognizing, Assessing, and Supporting Quality Instructional Practices w/Collegues for Tchr Ldrs
This course of study in instructional leadership will introduce Teacher Leader candidates to the research on, application of, and assessment of quality instruction. Credit Level: G. Credit Hrs: 3.00

18CI759P  Practicum Seminar for Teacher Leaders
This one-credit hour course to be taken each quarter over three quarters is designed to support teacher leader candidate’s implementation of leadership activities. Credit Level: G. Credit Hrs: 1.00-6.00

18CI760P  Family and Community Outreach
This course is part of National Board preparation whereby participants address family and community outreach options. Credit Level: G. Credit Hrs: 3.00

18CI761P  Connecting Content Knowledge to National Board Standards
This course is part of National Board preparation whereby participants will address how content knowledge is connected to the NB standards. Credit Level: G. Credit Hrs: 3.00

18CI762P  Learning Environments and Instructional Resources
This course is part of National Board preparation whereby participants will address learning environments and instructions resources to NB standards. Credit Level: G. Credit Hrs: 3.00

18CI763P  Assess Student Growth and Understanding
This course is part of National Board preparation whereby participants will address student assessment as it pertains to the NB standards. Credit Level: G. Credit Hrs: 3.00

18CI764P  Professional Writing for National Board Certification
This course is part of National Board preparation whereby participants will learn the genre of professional writing for the NB standards. Credit Level: G. Credit Hrs: 3.00

18CI774  Education Technology: Social, Ethical, Legal, and Human Issues
Critical examination of technology and its impact on society and individuals from an ethical, legal, and social perspective. Credit Level: G. Credit Hrs: 3.00

18CI775  Technology Internship
Technology Internship is a 3 credit field experience for a master's or doctoral student in the Instructional Design and Technology strand in Curriculum and Instruction. The Intern works in a school, non-profit organization, or corporation to gain real-world experience in the field of Instructional Design and Technology. 75 internship hours required. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Curriculum and Instruction

18CI776 Applying Technology in the Classroom for Effective Learning
This course provides an overview of the increasingly complex array of technology-based media and hardware available for use in the classroom. Some of the topics covered are learning theories and integration models for technology-enhanced instruction, integrating digital technologies and software tools into the classroom, distance learning, and national and state educational technology standards for teachers and students. Credit Level: G. Credit Hrs: 1.00-6.00

18CI780P Simulation: An Educational Strategy
This course focuses on the use of simulation in medical education and patient simulation: history and context, application of experiential learning theory, deliberate practice, modeling and facilitative instruction. At the completion of the course, participants will be prepared to develop a comprehensive simulation-based training experience. Credit Level: G. Credit Hrs: 1.00-3.00

18CI781P Academic Writing
Course is designed for graduate students who are required, in their coursework and/or profession, to: (1) evaluate scholarship; (2) write annotated bibliographies, literature reviews, conference abstracts, posters and papers, book reviews, professional journal articles, syllabi, or theses; & (3) who feel they need instruction/practice/ experience in academic writing. Credit Level: G. Credit Hrs: 1.00-3.00

18CI782 Classroom Management
Emphasizes relationship between instruction and discipline. Stresses skills necessary to implement humanistic, interactive, and behavioral models of classroom management. Credit Level: G. Credit Hrs: 1.00-3.00

18CI785 Improving Instructional Effectiveness
Study of teacher behaviors that influence the academic achievement of students. Credit Level: G. Credit Hrs: 3.00

18CI786 Math Problem Solving
Offered every year only, mathematical problem solving should be the primary emphasis of mathematics instruction at all levels. Methods for teaching and evaluating problem solving in grades K-12 are the focus of this course. Credit Level: G. Credit Hrs: 3.00

18CI787 Middle School Math Methods
Mathematics in the middle school/junior high school has often been little more than a repeat of topics from the elementary grades. Changes in the mathematics curriculum are having a significant impact on both curriculum and instruction. This course will examine current practices in teaching mathematics at this level. Credit Level: G. Credit Hrs: 3.00

18CI789 Effective Instruction in the Middle Level School
Study of instructional practices in effective schools. Includes models of teaching, classroom management, teaching methods for young adolescents, and methods to increase engaged learning time. Credit Level: G. Credit Hrs: 3.00

18CI791 Labs and Demonstrations in the Science Classroom
Offered in even numbered years only, the role of inquiry, laboratory work, and demonstration in teaching science will be explored as it pertains to student learning and teaching practice. Credit Level: G. Credit Hrs: 3.00

18CI792 Internship in Higher Education
Supervised learning experiences in various on-site locations. Periodic seminars for analysis of experiences. Credit Level: G. Credit Hrs: 1.00-6.00

College of Education, Criminal Justice, and Human Services

Curriculum and Instruction

18CI792 Internship in Higher Education
Supervised learning experiences in various on-site locations. Periodic seminars for analysis of experiences. Credit Level: G. Credit Hrs: 1.00-6.00

18CI795 Technology Administration in Education
Study of problems, issues, and concerns in administering technology in educational settings. Focus on possible resolutions. Credit Level: G. Credit Hrs: 3.00

18CI801 Topical Seminar in Curriculum and Instruction
Special focus on selected topics in curriculum and instruction-related areas. Credit Level: G. Credit Hrs: 1.00-6.00

18CI806 Global Education II: Educational Systems
Developmental education approach to the in-depth study of selected issues and problems, how they affect the global state of affairs, and the development of a global community. Credit Level: G. Credit Hrs: 3.00

18CI811 Seminar in Higher Education
A study of current issues and projected trends in higher education. Focuses on the development of student capacities for judgment, fact-gathering, analysis, synthesis, and evaluation. Foci include continuing education and adult education. Credit Level: G. Credit Hrs: 3.00

18CI814 The Community/Junior College
The philosophy, history, functions, organization, curriculum, and trends in post-secondary, non-baccalaureate institutions. Credit Level: G. Credit Hrs: 3.00

18CI818 Seminar in the Community/Junior College
Analysis of current problems and issues in junior and community colleges. Foci include adult education. Credit Level: G. Credit Hrs: 3.00

18CI832 Multimedia Tools for Interactive Instruction
Students learn a variety of tools for multimedia. Students work independently or in groups. Class functions as a guided studio where students participate in workshops, share their work, collaborate with peers, and obtain feedback assistance from the instructor. Credit Level: G. Credit Hrs: 3.00

18CI833 Multimedia Tools for Dynamic Web Design
Students learn a variety of tools for multimedia. Students work independently or in groups. Class functions as a guided studio where students participate in workshops, share their work, collaborate with peers, and obtain feedback assistance from the instructor. Credit Level: G. Credit Hrs: 3.00

18CI834 Advanced Multimedia Studio
Offered odd numbered years only, students pursue individually defined projects or develop "real" instructional design projects for clients. Students work independently or in groups. Class functions as a studio where students participate in workshops, share their work, collaborate with peers, and obtain assistance from the instructor. Prereq: 18CI832, 18CI833. Credit Level: G. Credit Hrs: 3.00

18CI841 Issues in Mathematics Education I
Offered odd numbered years only, this course addresses curricular background, significant reforms, specific content topics, and models of learning related to mathematics education in elementary and secondary schools. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Curriculum and Instruction

18CI842  Issues in Mathematics Education II
Offered even numbered years only, this course focuses on pedagogical and sociological topics related to the teaching and learning of school mathematics; designed for experienced educators. Prereq: 18CI841. Credit Level: G. Credit Hrs: 3.00

18CI849  Organization and Administration in Higher Education
Overview of various organizational structures (academic and administrative), intra- and inter-institutional governance, accountability, and responsibilities of major officers. Credit Level: G. Credit Hrs: 3.00

18CI850  Program Development in Higher Education
Designing appropriate learning experiences utilizing needs assessment, specification of objectives, staffing, content selection, and evaluation. Credit Level: G. Credit Hrs: 3.00

18CI871  Individual Study in Curriculum and Instruction
Cr. and hrs. to be arranged. Credit Level: G. Credit Hrs: 1.00-6.00

18CI872  Readings in Curriculum and Instruction
Cr. and hrs. to be arranged. Credit Level: G. Credit Hrs: 1.00-6.00

18CI873  Individual Master's Thesis: Curriculum and Instruction
Research and writing on an approved topic; consultation with adviser; in lieu of Master's Comprehensive Examination. Credit Level: G. Credit Hrs: 1.00-9.00

18CI874  Individual Master's Project: Curriculum and Instruction
Writing and obtaining master committee's approval of master's project proposal and doing the research and writing for the final master's project. Credit Level: G. Credit Hrs: 1.00-6.00

18CI881  Learning Sciences and Technology
This course provides a fundamental understanding of learning sciences, an interdisciplinary field dedicated to studying learning and how learning may be facilitated in designed environments. Students will design a technology-based learning environment and conduct an evaluation of the embedded theories in an existing environment of their choice, such as digital media, games, or other innovative technologies. Credit Level: G. Credit Hrs: 3.00

18CI884  Instructional Design
This course is designed to address how to create interactive learning environments for multimedia instruction. The course introduces instructional design models and covers analyzing the problem/learner, designing instruction, assessment, and evaluation. Credit Level: G. Credit Hrs: 3.00

18CI885  Attitude Formation and Change
Examines theories of attitude formation and change and their application in classroom settings, and presents tools and strategies for assessing student attitudes. Credit Level: G. Credit Hrs: 3.00

18CI910  Science Education Research I: Teacher Preparation
Examines the current science education research on teacher preparation for major trends and findings; appropriate for doctoral students. Credit Level: G. Credit Hrs: 1.00-3.00

18CI921  Mentored Research in Curriculum and Instruction
Experience in educational research in the field of curriculum and instruction under the direction of an assigned Research Mentor. Credit Level: G. Credit Hrs: 1.00-9.00

18CI936  IDT Doctoral Seminar I
Offered odd numbered years only, this is the first of three sequential modules in the IDT Doctoral Seminar Series. This seminar series is designed to prepare doctoral students to become researchers in the field of instructional technology. Students will be oriented to the field, analyze the literature, and learn about design-based research methods. Credit Level: G. Credit Hrs: 3.00

18CI937  IDT Doctoral Seminar II
Offered even numbered years only, this is the second of three sequential modules in the IDT Doctoral Seminar Series. This seminar series is designed to prepare doctoral students to become researchers in the field of instructional technology. Students will be oriented to the field, analyze the literature, and learn about design-based research methods. Credit Level: G. Credit Hrs: 3.00

18CI944  Theory, Ethics, Application of Research in Teaching
Offered odd numbered years only, this is the study of ethical and value dimensions in teaching and research, diverse stakeholders, relationship of knowledge to improvement of professional practice in teaching, and teacher education research. Credit Level: G. Credit Hrs: 3.00

18CI951  Professional Seminar in Teacher Education I: Application of Theories of Teaching and Learning
Seminar in the application of theories of teaching and learning, to issues and problems in the field of teacher education. Credit Level: G. Credit Hrs: 3.00

18CI973  Individual Dissertation Guidance
Conferences with adviser and dissertation committee. Required in doctoral program. Credit Level: G. Credit Hrs: 1.00-15.00

18CI975  Teacher Education and Professional Development
Offered even numbered years only, this course is a seminar in the Teaching and Learning focus of the Curriculum and Instruction doctoral program. The content of the course centers on the theory and research on the education and professional development of teachers, including the topics of teacher socialization, teacher knowledge and beliefs, and teacher decision-making in the contexts of schooling. Although the course reading and organization offer students a sampling of the range of issues and research approaches to the empirical study of teacher education and teacher development, students are expected to supplement the reading with their own review of related literature. Credit Level: G. Credit Hrs: 3.00

18CI976  Policy Issues in Teaching and Learning
Offered odd numbered years only, this course is a seminar in the Teaching and Learning focus of the Curriculum and Instruction doctoral program. The content of the course centers on local, state and national policy issues that influence teaching, learning, and teacher education, including the standards and accountability movement, professionalism, teacher development, and other current social and political movements. Credit Level: G. Credit Hrs: 3.00

18CI977  Curriculum Theory
Offered even numbered years only, this course is a seminar in the Teaching and Learning focus of the Curriculum and Instruction doctoral program. Includes curriculum theory and curriculum development as a reflection of current theory mirroring and following other political, ideological, and social theories in the history of education. This course looks at trends in curriculum theory in order to understand and critique their transactions with other educational themes such as standardized testing, urban reform, critical pedagogies, a just society, and political involvement with education. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Criminal Justice

18CJ101
Introduction to Criminal Justice
Examines agencies and processes involved in administering justice: the legislature, the police, the prosecutor, the courts, and correctional systems. Focus is on the formal crime control process in the United States. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ102
Introduction to Criminology
An introductory survey course that covers the major theoretical explanations for crime and delinquency. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ103
Introduction to Policing
The development of U.S. policing, stressing the relationship of police to local politics and the effects of civil service, reform movements, and technological change. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ104
Introduction to Corrections
Familiarizes the student with the history, current practices, and future directions of corrections. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ105
Introduction to Courts
Dynamic analysis of the American courts with special emphasis on political and economic contexts within which the courts work. Includes survey of recent research on the American legal system. Prereq: 18CJ101. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ290
Legal Issues in Corrections
Details the most relevant law and recent court decisions regarding the areas of corrections. Provides an understanding of both the rights of prisoners as well as the rights and liabilities of correctional personnel. BoK: HU., SE. Credit Level: U. Credit Hrs: 3.00

18CJ290
Criminal Justice in Film
This is a course built around the genre of the Trial Movie, which presents a pleasurable forum for examining several different aspects of law and courtroom procedure, as well as providing the venue for debating the cornerstones of our society, law, justice, morality, and the social conventions that hold us together. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ302
Survey of Policing
The development of U.S. policing, stressing the relationship of police to local politics and the effects of civil service, reform movements, and technological change. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ305
Survey of Courts
Dynamic analysis of the American courts with special emphasis on political and economic contexts within which the courts work. Includes survey or recent research on the American legal system. Prereq: 18CJ101. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ321
Serial Criminals
The course will review historical explanations of serial criminals, as well as current biophysical theories and correlating psychosocial explanations. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ322
Gangs and Violent Youth
Historical and contemporary perspectives on gangs and gang subcultures; focus on gangs and other violent youthful offenders and exploitation of available treatment modes in the juvenile justice system. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ324
Ethics in Criminal Justice
Examines ethical issues involved in the operation of the criminal justice system. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ332
White Collar Crime
Examines the nature, causes, costs, and control of corporate and white-collar crime. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ341
Correctional Rehabilitation
An overview of case management and counseling strategies in correctional settings. Includes development of treatment plans, counseling theory, components of helping process, principles of confidentiality, correctional classification, and characteristics of program effectiveness. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ343
Community Corrections
Definition of probation and parole, treatment philosophies, and strategies for supervision. Practice in use of pre-sentence investigation and examination of innovations in community-based correctional alternatives. BoK: SS. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.
Criminal Justice

18CJ344
Philosophy of Punishment
Analyzes the process of punishment including the history, purposes, and types of criminal penalties. In addition to sentencing, such topics as corporal and capital punishment are explored. BoK: HU., SE. Credit Level: U. Credit Hrs: 3.00

18CJ346
Institutional Corrections
Institutional correctional facilities are examined in-depth, including an assessment of the history, functions, operations, and contemporary issues of prisons and jails. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ348
Police Organization and Management
Principles of organization and management as applied to law enforcement agencies; introduction to concepts of organizational behavior. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ350
Criminal Investigation
Principles of investigation including theory building; crime scene procedures; collection and preservation of evidence; developing leads; familiarity with criminalistics; and reconstruction of crime. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ351
Prevention and Control of Workplace Violence
The course will review the types of workplace violence; risk factors; environmental prevention; organizational policy development as a prevention strategy; the phenomena of “spill-over” violence; strategies for responding to violence in progress; hostage situations at the workplace; and dealing with the aftermath of violent incidents including debriefing strategy. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ352
Police and the Community
This course examines changing crime patterns across different communities over time and those police strategies that have been implemented to deal with different crime problems. Community and problem-oriented policing strategies are explored as well as the role of the community in controlling crime problems. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ353
Police Effectiveness
Examines which police practices reduce crime and disorder, and which do not. Topics include response time, patrolling, detective work, domestic violence, problem-oriented policing, community policing, and drug enforcement. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ361
Hostage/Crisis Negotiations
Hostage/crisis negotiation is handled contrary to traditional police response. This course will cover the history of hostage/crisis negotiation, the two models which developed, an in-depth look at the team response, and methods used to successfully negotiate with people in these situations. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ372
Constitutional Issues & Procedures
Familiarizes the student with certain basic legal, philosophical, and historical concepts pertinent to the criminal justice system. BoK: HP., SE. Credit Level: U. Credit Hrs: 3.00

18CJ373
Politics of Criminal Justice
An examination of the political influences on criminal justice practice and policies. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ383
Terrorism
Impact of modernization on propensity, preference, and opportunity for violence. Course provides historical information on terrorism, objectives of terror, modern terrorism, group movements, classification, and the tools of terror. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18CJ386
Race, Class, and Crime
A critical survey of the impact of racism and classism on the development and implementation of justice in the U.S. Includes a historical analysis and an examination of radical and Marxist criminology. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ387
Drugs and Crime
This course examines drug consumption, the various reasons for drug use, the impact of drugs on the community, and the current treatment and drug prevention models. Course! BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ388
Women and Crime
An examination of women and girls as victims and offenders, and women professionals in the criminal justice system. BoK: DC., SE. Credit Level: U. Credit Hrs: 3.00

18CJ404
Life-Course Criminology
This course examines the nature, both empirical and theoretical, of crime from a developmental perspective. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ405
Juvenile Delinquency
Examines various dimensions of the juvenile offender to include a discussion of the measurements, the correlates, the theories, and the parameters of juvenile offending. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ406
Contemporary Crime Theory
Examines recent theoretical developments in the explanation of criminal behavior. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ407
Crime Prevention
This course will examine crime prevention and the latest strategies used by police agencies to reduce crime. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ408
Biosocial Criminology
This class introduces undergraduate and graduate students to the growing literature linking biology to social development in general and to criminal behavior specifically. Special attention is paid to behavioral genetics and the heritability of traits, brain functioning and growth, and the functions of neurotransmitters. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ410
Psychology of Criminal Behavior
Principles of psychology as applied to crime causation and criminal justice system processing. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ420
Criminal Procedures
Constitutional aspects of criminal procedures, to include: investigations, arrests, search and seizures, pre-trial processes, trial rights, sentencing, and appeals. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18CJ421
Criminal Law
Substantive criminal law. Major areas to be covered include: basic principles of criminal law, an analysis of various offenses, parties to crime, and defenses. BoK: SS. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.
Criminal Justice

18CJ473 Directed Studies
Directed readings and conferences related to specific areas of criminal justice. BoK: NA. Credit Level: U. Credit Hrs: 1.00-5.00

18CJ475 Advanced Criminal Justice Field Placement
Full-time placement in a criminal justice agency for integration of classroom learning with field experience. BoK: NA. Credit Level: U. Credit Hrs: 10.00

18CJ484 Juvenile Justice System
Processing of the juvenile offender from the delinquent act through treatment; the complexity in defining juvenile delinquency. BoK: SS. Credit Level: U, G. Credit Hrs: 3.00

18CJ490 Criminal Justice Research Methods
Logic of social research methods, survey research, methods of evaluation research, sampling, and the contrast between quantitative and qualitative research. BoK: QR. Credit Level: U. Credit Hrs: 3.00

18CJ491 Criminal Justice Statistics
Basic introduction to research and statistics in a criminal justice setting. Emphasis on measurement, descriptive, and inferential statistical methods. BoK: QR. Credit Level: U. Credit Hrs: 3.00

18CJ495 Criminal Justice Field Intern
Agency placement, field observation, trainee programs, and seminar for discussion and supervision. To be planned by agency, supervisor, and student. Includes professional development seminar. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18CJ496 Criminal Justice Field Placement
Agency placement, field observation, trainee programs, and seminar for discussion and supervision. To be planned by agency, supervisor, and student. Includes professional development seminar. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18CJ500P Sex Crimes
This course will focus on the elements to be considered in assessing the scene of a violent sex crime. Students will be exposed to a variety of crime scenes and examinations of the nonphysical evidence present at each scene. The course will also include informational topics regarding serial murders, psychological profiling, pornography, and pedophilia. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ501P Gangs
This course will focus on criminal gang activity in southern Ohio, southern Indiana, and eastern Kentucky. Topics discussed include: violence risk factors, social networking among gangs, types of gangs, and the impact of gangs on the community. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ502P Preventing Gang Violence
This course examines the current structure and organization of criminal gangs at the local, state, and national levels. Multiple aspects of gangs will be examined, including their recruitment, criminal activities, law enforcement efforts, and state and federal prosecutions. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ504 Special Topics in Criminology
Seminar on selected issues of criminology. BoK: SS. Credit Level: U, G. Credit Hrs: 3.00

18CJ506P Violent Kids and Criminal Youth
This seminar will focus on recent evidence on the causes and consequences of serious youth misbehavior. Evidence from a variety of fields will be examined, including neuro-scientific evidence, data from human biology and genetics, and data on human socialization. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ508P Fire and Arson Investigation
This seminar will focus on the various accidental causes of fires from electrical to gas explosions, as well as the careless use of smoking materials. The intentional setting of fires or arson will also be discussed with an emphasis on the financial motive behind many arsons. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ510P Felony Prosecution: Suggestions for Best Practices
This seminar will provide an overview and highlights of key issues surrounding felony case investigation and prosecution in today's environment. Key components, issues, and problems faced in the real world of the Justice System will be discussed. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ512P Movies Take "The Leadership Challenge"
This course will provide students with the opportunity to address leadership practices in the field of criminal justice. In this seminar, we will use Movie Case Studies to analyze leadership models especially that are contained in the text "The Leadership Challenge." BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ514P Gambling in Society
The course provides students with a detailed examination of the impact that legalized casino gambling has on society. Students are exposed to research covering the impact legalized casino gambling is believed to have on society in terms of crime, bankruptcy, and suicide. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ516P Laboratory and Forensic Support of Criminal Investigation
The course provides students with a knowledge of crime scene interpretation and reconstruction. This session will provide an understanding of how investigative theories are created as well as determining significant pieces of evidence and how they relate to criminal activity. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ518P Urban Street Smarts - Survival Skills On and Around An Urban Campus
This course is designed to provide students with important information and valuable advice for living, working, and playing at the University of Cincinnati. Topics presented with include personal safety, situational awareness, and overall wellness in an urban environment. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ520P Managing Extreme Risks: Introduction to Skydiving
The purpose of this class is to introduce students to management of extreme risks using skydiving as a case study. Instruction will include biological reactions extreme risks, mental conditioning for risks, as well as principles, techniques, safe practices, and strategies of skydiving. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00

18CJ660 Early Intervention in Criminal Justice
The early origins of criminality, the programs demonstrated to be effective in intervening with youngsters at risk for or involved in criminal behavior, and the prospects for early intervention as a correctional policy agenda. BoK: SS. Credit Level: U, G. Credit Hrs: 3.00
Criminal Justice

18CJ700 Seminar in Criminal Justice
This course provides an overview of the theory and research on the criminal justice system, including police, courts, prosecution, and corrections. Special attention is given to the structural, organizational, and micro-level aspects of the criminal justice system and their interactions. Credit Level: G. Credit Hrs: 3.00

18CJ701 Pro-Seminar in Law and Social Control
This course provides an overview of the theory and research on the nature of law, legal institutions, and related mechanisms of social control. Credit Level: G. Credit Hrs: 3.00

18CJ702 Criminal Justice Management
Theory and research on complex organizations are applied in criminal justice settings. A contingency framework is developed through which alternative organizational goals, structures, staffing patterns, management styles, and planning strategies can be examined. Credit Level: G. Credit Hrs: 3.00

18CJ703 Criminal Justice Policy Analysis
This course is an overview of policy implementation and effectiveness in the criminal justice system. Policies are evaluated on an informal and formal levels in the area of policing, courts, and corrections. Credit Level: G. Credit Hrs: 3.00

18CJ720 Seminar in Criminology
This course presents an overview of the nature of crime in American society. Special focus is given to methods of measuring crime (official data, victimization data, and self-reports) and the major theoretical approaches to crime and crime control. Credit Level: G. Credit Hrs: 3.00

18CJ741 Basic Research Methods in Criminal Justice
An introduction to research design as applied to crime and criminal justice research. Includes an introduction to the scientific method, sampling, and basic research designs. Credit Level: G. Credit Hrs: 3.00

18CJ742 Applied Criminal Justice Research
This course examines issues concerning the conduct of research in criminal justice settings. Primary concern is with evaluation research. The course also includes research planning strategies, procedures for computer data analysis, and presentation of research findings. Credit Level: G. Credit Hrs: 3.00

18CJ749 Applied Statistics in Criminal Justice
The focus of this course is on data analysis. Topics include univariate descriptive statistics, inductive statistics, and the general linear model. Special attention will be paid to applying these statistics to data analysis in policing and corrections for the purpose of writing research reports. Credit Level: G. Credit Hrs: 3.00

18CJ750 Basic Statistics in Criminal Justice
The purpose of this course is to provide an understanding of univariate descriptive statistics, probability theory, inductive statistics, and bivariate statistics through analysis of variance. Credit Level: G. Credit Hrs: 3.00

18CJ760 Theory and Philosophy of Corrections
This course explores the major justifications for corrections: rehabilitation, retribution, deterrence, and incapacitation. Each theory's central principles, empirical adequacy, and policy implications are examined. Special consideration is given to the political ideology in forming debates on the purpose of corrections and to the difficulties of implementing correctional theories. Credit Level: G. Credit Hrs: 3.00
Criminal Justice

18CJ802
Seminar in Criminal Courts
sentencing process. Credit Level: G. Credit Hrs: 3.00

18CJ804
Seminar in Critical Perspectives on Criminal Justice
This course examines critical and Marxist perspectives on crime. The course focuses on the role of the victim across perspectives of crime causation, the criminal justice system, societal responsiveness, and measurement of victimization. Credit Level: G. Credit Hrs: 3.00

18CJ805
Seminar on Victimology
This course discusses the role of the victim across perspectives of crime causation, the criminal justice system, societal responsiveness, and measurement of victimization. Credit Level: G. Credit Hrs: 3.00

18CJ806
Gender and Crime
This course examines the role of gender and crime, including patterns of male and female crime as well as criminological explanations. Credit Level: G. Credit Hrs: 3.00

18CJ810
Seminar in Criminal Justice Theory
This course is an advanced doctoral seminar in criminal justice theory. Students will define theory and explore the process of theory construction. The class will identify theories of criminal justice practices and examine the implications of those theories for research into criminal justice practices and operations. Credit Level: G. Credit Hrs: 3.00

18CJ811
Seminar in Criminal Justice Process
This course is an advanced doctoral seminar in the criminal justice process. This course is a substantive and methodological review of research on decision-making across the criminal justice system. The objective of the course is to tie together research on the criminal justice system and better prepare students to undertake research projects that have a systems perspective. Credit Level: G. Credit Hrs: 3.00

18CJ812
Seminar in Criminal Justice Program and Policy Evaluation
This course examines the important role that evaluation plays in furthering knowledge about criminal justice phenomena and the efficacy of social action undertaken to address them. Credit Level: G. Credit Hrs: 3.00

18CJ820
Structural Theories of Crime
This course reviews the major structural explanations of criminal behavior. Attention is given to each theory's historical origin, central principles, conceptual rigor, empirical status, and policy implications. Credit Level: G. Credit Hrs: 3.00

18CJ821
Individual Theories of Crime
This course examines major individual-level theories of crime causation, including neurological, biochemical, developmental, psychodynamic, learning, cognitive, and social-psychological perspectives. Credit Level: G. Credit Hrs: 3.00

18CJ824
Criminal Offender
This course examines the individual criminal offender. Genetic, biological, psychological, and environmental factors are understood within a developmental paradigm. A special area of focus involves understanding behavior within and across contexts and time periods. Credit Level: G. Credit Hrs: 3.00

18CJ825
Seminar in White-Collar Crime
This course examines the etiology, types, explanations, costs, and control of white-collar crime. Special attention is paid to corporate crime
College of Education, Criminal Justice, and Human Services

Criminal Justice

18CJ861 Seminar in Institutional Corrections
This course examines the origins, evolution, and current status of correctional institutions. Special attention is given to classic studies of prisons and to the empirical research on life inside the prisons for inmates and for correctional personnel. Major policy issues are also studied. Credit Level: G. Credit Hrs: 3.00

18CJ862 Seminar in Community Corrections
This course is designed to provide an overview of various criminal justice programs found under the term "community corrections." Emphasis will be placed on developing theoretical models to distinguish what constitutes community corrections, and how various program types have been evaluated for effectiveness. Credit Level: G. Credit Hrs: 3.00

18CJ863 Seminar in Juvenile Corrections
This seminar examines the various components of the juvenile correctional system. Areas of interest include community-based detention, community treatment, wilderness programs, and traditional secure facilities. Credit Level: G. Credit Hrs: 3.00

18CJ865 Applied Corrections
This course introduces students to the application of evidence-based practices in corrections, including assessments, treatment manuals, and quality assurance protocols. Credit Level: G. Credit Hrs: 3.00

18CJ866 Minorities in Corrections
This course is a broad examination of racial/ethnic issues in corrections, including various issues surrounding the nexus between racial minorities and correctional policy and processing. Credit Level: G. Credit Hrs: 3.00

18CJ871 Applied Crime Prevention
The course teaches students how to apply crime prevention theory and research methods to the analysis of crime problems, development of prevention interventions, and evaluation of outcomes in real world settings. Credit Level: G. Credit Hrs: 3.00

18CJ872 Theory and Practice of Crime Prevention
This course is designed to provide an exploration of crime patterns and community-based approaches to reducing opportunity for crime, thus disrupting such patterns. Credit Level: G. Credit Hrs: 3.00

18CJ875 Demonstration Project
A continuation of 18CJ798 and 18CJ799. Credit Level: G. Credit Hrs: 1.00

18CJ880 Policing in Context
This course examines historical and contemporary views of police organization and management. The principal concern is with alternative conceptions of the police organizational goal and implications of these alternatives for police organization and management. Credit Level: G. Credit Hrs: 3.00

18CJ881 Police Decision-Making
The course begins with an examination of the relationship between communities and crime, drawing from the ecology of crime research tradition. The class then examines the role of the police in controlling crime in different types of communities, focusing on community policing and the role of communities in controlling crime. Credit Level: G. Credit Hrs: 3.00

18CJ882 Seminar in Police Effectiveness
This course examines alternative criteria by which the effectiveness of police can be assessed, and critically reviews empirical studies of police effectiveness. Principal emphasis is placed on contemporary police innovations. Credit Level: G. Credit Hrs: 3.00

18CJ890 Advanced Individual Work in Criminal Justice
Supervised readings of research on advanced topics in criminal justice. Credit Level: G. Credit Hrs: 1.00-15.00

18CJ891 Advanced Special Topics in Criminal Justice
Seminar on selected advanced issues in criminal justice. Credit Level: G. Credit Hrs: 3.00

18CJ900 Criminal Justice Research Practicum I
This course will focus on the nature of the publication process within the field of criminal justice. Topics will include a review of the components of a publishable article, how to prepare an article for submission to a journal, how to select a scholarly outlet for a manuscript, and how journals evaluate article submissions. Students also will be shown how to review an article for a journal and how to present research at a professional meeting. Credit Level: G. Credit Hrs: 3.00

18CJ901 Advanced Data Analysis
This course provides an understanding of reading, manipulating, and analyzing data in SPSS for Windows. The logic of computer programming in SPSS is a major focus. Specific methods of data analysis include all of the statistical methods covered in the three doctoral statistics courses in addition to factor analysis, two-stage least squares, and event history (survival) analysis. Credit Level: G. Credit Hrs: 3.00

18CJ902 Criminal Justice Research Tool: Longitudinal Data Analysis
This course is designed to teach students how to analyze longitudinal data using time series analysis and other statistical techniques. Credit Level: G. Credit Hrs: 3.00

18CJ903 Criminal Justice Research Tool Sampling
This course will provide students with an understanding of sampling and sampling techniques as related to social science research. Prereq: 18CJ741, 18CJ840. Credit Level: G. Credit Hrs: 3.00

18CJ905 Criminal Justice Research Tool: Multi-Level Modeling
This course focuses on the analysis of multi-level models of analysis. Credit Level: G. Credit Hrs: 3.00

18CJ906 Criminal Justice Research Tool: Structural Equations
This course will provide students with an understanding of structural equations and their use and application to social science research. Credit Level: G. Credit Hrs: 3.00

18CJ907 Criminal Justice Research Tool: Survey Research Design
This course will provide graduate students with an introduction to the principles, methods, and techniques of survey design, and modes of administering surveys (e.g., mail, face-to-face, telephone, internet). Credit Level: G. Credit Hrs: 3.00

18CJ908 Meta Analysis in Criminal Justice
This course introduces students to the theory and application of meta analysis in criminal justice. Students will learn how to conduct a meta analysis and how to interpret results. Prereq: 18CJ741, 18CJ750. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Criminal Justice

18CJ910
Criminal Justice Teaching Practicum I
The purpose of this course is to prepare students to teach criminal justice courses. It acquaints students with research on teaching, helping students design courses, develop assignments, and prepare lectures. Credit Level: G. Credit Hrs: 3.00

18CJ920
Advanced Crime Prevention
This course provides an understanding of the theoretical foundations of various crime prevention efforts. The focus is on understanding criminal opportunity within the environment. Specific theories which will inform our understanding of criminal opportunity include routine activities theory, crime pattern theory, defensible space theory, social disorganization theory, situational crime prevention, and rational choice theory. Credit Level: G. Credit Hrs: 3.00

18CJ990
Doctoral Dissertation Research
Individual guidance in doctoral dissertation research. Credit Level: G. Credit Hrs: 1.00-15.00

Counseling

18CNSL301
Special Topics: Helping Techniques
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. Credit Hrs: 1.00-15.00

18CNSL302
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. Credit Hrs: 1.00-15.00

18CNSL303
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. Credit Hrs: 1.00-15.00

18CNSL402
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. Credit Hrs: 1.00-15.00

18CNSL403
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. Credit Hrs: 1.00-15.00

18CNSL501
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, leadership training, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. G. Credit Hrs: 1.00-15.00

18CNSL601
Special Topics
Special topics in counseling-related areas (e.g., personal development, interpersonal skills, career development, life planning, concerns of special populations). BoK: NA. Credit Level: U. G. Credit Hrs: 1.00-15.00

18CNSL773
Counseling Program Development and Evaluation
Methods of planning and evaluating short- and long-term counseling interventions and programs. Credit Level: G. Credit Hrs: 3.00

18CNSL775
Career Development
Basic theoretical concepts involved with career development. Credit Level: G. Credit Hrs: 3.00

18CNSL783
Tests in Counseling
Study of testing and measurement techniques in counseling individuals and groups. Credit Level: G. Credit Hrs: 3.00

18CNSL784
Counseling Theories
The study of classical and modern theories guiding counseling interventions, with emphasis placed on integration of the various theories into a personalized therapeutic approach; the clarification of skills used in fitting clients with serious mental disorders and substance abuse disorders; and justification of clinical decisions within theoretical frameworks. Credit Level: G. Credit Hrs: 3.00

18CNSL787
Group Theory and Process
This course provides students with core knowledge and skill in group work. Students will be exposed to classical types of groups, the skills necessary to function effectively as a member, leader, and observer, best practices in group work including multicultural competence in groups. Through didactic instruction and within class practice, participants will become skillful participants in and leaders of small groups. Students will also learn how to design, facilitate, and co-facilitate time-limited, theme-oriented psychoeducational groups. Credit Level: G. Credit Hrs: 3.00

18CNSL809
Abnormal Human Behavior
The study of the causes, etiology, treatment, and prognosis of mental and emotional disorders including clinical disorders, substance use disorders, and disorders of personality; implications for counseling in school and community settings. Credit Level: G. Credit Hrs: 3.00

18CNSL819
Preventive Counseling
Conceptual knowledge and practical applications of prevention to assist late adolescent and adult clients in averting educational and psychological problems. Credit Level: G. Credit Hrs: 3.00

18CNSL831
Counseling Institute-A
Summer Institute course of varying length, focused on a contemporary counseling issue of special interest that is not ordinarily addressed in the regular Counseling curriculum. See Division for details. Credit Level: G. Credit Hrs: 1.00-4.00

18CNSL832
Counseling Institute-B
Summer Institute course of varying length, focused on a contemporary counseling issue of special interest that is not ordinarily addressed in the regular Counseling curriculum. See Division for details. Credit Level: G. Credit Hrs: 1.00-4.00

18CNSL833
Counseling Institute-C
Summer Institute course of varying length, focused on a contemporary counseling issue of special interest that is not ordinarily addressed in

H=University Honors course.
Counseling

18CNSL833 Counseling Institute-C
the regular Counseling curriculum. See Division for details. Credit Level: G. Credit Hrs: 1.00-4.00

18CNSL841 Family Counseling I
Introduction to theories and practices of family and marital counseling with a variety of clients. Credit Level: G. Credit Hrs: 3.00

18CNSL842 Family Counseling II
Continuation of the theory and practice of family and marital counseling including practice using different counseling skills. Prereq: 18CNSL841. Credit Level: G. Credit Hrs: 3.00

18CNSL851 CRRNT ISS SCH COUN
CRRNT ISS SCH COUN Credit Level: G. Credit Hrs: 3.00

18CNSL852 Counseling in the Schools
This course provides an overview of the roles and responsibilities of school counselors, scope of services, and school counseling programs in K-12 school settings. Students will review the historical background and current issues related to the school counseling profession and K-12 students. Credit Level: G. Credit Hrs: 3.00

18CNSL855 Community Counseling in Mental Health Settings
This course explores community counseling in mental health settings. Prereq: 18CNSL781. Credit Level: G. Credit Hrs: 3.00

18CNSL861 Chemical Dependency I
Explores the various methods of treatment for persons with chemical dependency, as well as issues influencing the field. Credit Level: G. Credit Hrs: 3.00

18CNSL862 Chemical Dependency II
Analyzes the various theories and methods and their relevance to counseling individuals and their families with problems of substance abuse. Prereq: 18CNSL861. Credit Level: G. Credit Hrs: 3.00

18CNSL863 Theory and Ethical Practice of Substance Abuse Counseling
Introduction to theory and ethical practice of substance abuse counseling. This course will provide a comprehensive description of substance abuse counseling across various populations. Credit Level: G. Credit Hrs: 4.00

18CNSL864 Individual and Group Treatment in Substance Abuse Counseling
This course will address the philosophies, practices, policies, and outcomes of the most generally accepted and scientifically supported models of individual and group treatment, recovery, relapse prevention, and continuing care. Credit Level: G. Credit Hrs: 5.00

18CNSL865 Harm Reduction and Prevention in Substance Abuse Counseling
This course will examine theory and strategies for reduction and prevention of substance use impairments. Harm-reduction and abstinence-based models will be explored using current research evidence. Practical application stressed. Credit Level: G. Credit Hrs: 4.00

18CNSL866 Ecological Assessment and Treatment Planning in Substance Abuse Counseling
Examination of ecologically grounded assessment and treatment planning for individuals and families experiencing problems related to substance use disorders. Theoretical issues and practical applications will be addressed. Credit Level: G. Credit Hrs: 5.00

College of Education, Criminal Justice, and Human Services

Counseling

18CNSL867 Couples and Family Treatment in Substance Abuse Counseling
Introduction to couples and family treatment of substance use and related family problems. Methods of assessing and basic skills for treating addictive systems will be covered including Structural, Strategic and Bowenian models. Credit Level: G. Credit Hrs: 4.00

18CNSL868 Pharmacological Treatment and Substance Abuse Counseling
Introduction to the pharmacology of substance abuse disorders and pharmacological treatment of substance abuse and mental health orders. Credit Level: G. Credit Hrs: 4.00

18CNSL869 Administration and Clinical Supervision Substance Abuse Counseling
Introduction to the administration of substance abuse counseling and the clinical supervision of substance abuse counselors. This course is intended for both currently providing supervision and those who anticipate future supervision roles. Credit Level: G. Credit Hrs: 4.00

18CNSL871 Individual Study
Individual research on a problem in guidance and counseling. For advanced students. Cr. and hrs. to be arranged. Credit Level: G. Credit Hrs: 1.00-6.00

18CNSL872 Readings
Selected readings in guidance and counseling. Written analyses required. For advanced students. Cr. and hrs. to be arranged. Credit Level: G. Credit Hrs: 1.00-6.00

18CNSL876 Special Topics
Individual and group work in concentrated areas of skill development and/or readings. Cr. and hrs. to be arranged. Credit Level: G. Credit Hrs: 1.00-15.00

18CNSL884 Counseling Pre-Practicum
Supervised experiences and critiques of taped materials to learn opening, closing, and reflective techniques in counseling. Normally taken with 18CNSL784. Credit Level: G. Credit Hrs: 3.00

18CNSL885 Leading Groups
Advanced group process; application of theory to leading a structured, theme-oriented group under supervision. Credit Level: G. Credit Hrs: 3.00

18CNSL886 Advanced Counseling Skills
Supervised experience in counseling through role-playing, recorded interviews, observation analysis, and evaluation of interviewing techniques. Credit Level: G. Credit Hrs: 3.00

18CNSL887 Field Practicum
Continuation of 18CNSL886. Supervised experience in counseling through role playing, recorded interviews, observation analysis, evaluation of interviewing techniques. Prereq: 18CNSL886. Credit Level: G. Credit Hrs: 3.00

18CNSL888 Master's Counseling Internship
Supervised counseling experience. Credit Level: G. Credit Hrs: 1.00-12.00

18CNSL889 Advanced Master's Counseling Internship
Advanced master's supervised counseling experience. Prereq: 18CNSL888. Credit Level: G. Credit Hrs: 1.00-9.00

H=University Honors course.
Counseling

18CNSL890  
Child Counseling  
Practicum focusing on counseling children. Credit Level: G. Credit Hrs: 3.00

18CNSL891P  
Management in Human Services  
Introduction of components necessary in managing a human service agency or similar type of organizations. Credit Level: G. Credit Hrs: 3.00

18CNSL895  
Introduction to Problem Identification and Diagnosis in Counseling  
The study of multidimensional assessment of, diagnosis of, and documentation of the necessity for and conduct of treatment for mental disorders and substance use disorders. On completion of this course, the student will be able to conduct and document a biopsychosocial diagnostic assessment, a multiaxial diagnosis of mental disorders and substance use disorders using the current edition of the DSM, prepare a comprehensive treatment plan, and prepare progress notes for a client's chart. Credit Level: G. Credit Hrs: 3.00

18CNSL896  
Counseling Management  
Focus on components necessary to manage a counseling behavioral health unit. Credit Level: G. Credit Hrs: 3.00

18CNSL897  
Leadership and Emotional Intelligence in Counseling  
Introduction to leadership styles for supervising counselors. Credit Level: G. Credit Hrs: 3.00

18CNSL901  
Advanced Counseling Internship  
Advanced field application of counseling skills with on-site supervision. For doctoral and advanced students only. Credit Level: G. Credit Hrs: 1.00-12.00

18CNSL932  
Advanced Research Seminar  
Investigation into counseling/psychological research. Review of literature and planning research. Credit Level: G. Credit Hrs: 3.00

18CNSL933  
Advanced Research Seminar  
See 18CNSL932. Credit Level: G. Credit Hrs: 3.00

18CNSL961  
Supervision of Counselors  
Supervision of counselors in a lab setting. Offered in conjunction with 18CNSL884, 18CNSL886, or 18CNSL887. Credit Level: G. Credit Hrs: 1.00-6.00

18CNSL962  
Supervision Practicum  
Supervision of counselors in a laboratory setting. Offered in conjunction with 18CNSL884, 18CNSL886, or 18CNSL887. Prereq: 18CNSL961. Credit Level: G. Credit Hrs: 1.00-6.00

18CNSL963  
Multicultural Counseling  
This course provides students with an introduction to multiculturalism, cultural competence, and multicultural counseling. The course will challenge and encourage the student toward self-examination and new insights. Activities and assignments will facilitate objective critical/analytical thinking as a basis for developing interpersonal skills and competencies necessary for rendering culturally appropriate counseling services to diverse populations in school, mental health, and chemical addictions service settings. Credit Level: G. Credit Hrs: 3.00

18CNSL973  
Individual Dissertation Guidance  
Conferences with adviser and reading committee (required in doctoral program). Cr. and hrs. to be arranged. May be repeated for a total of 45

H=University Honors course.
Early Childhood Education

18ECE181
Preschool CDA II: Classroom Organization and Management
This course provides an introduction to developmentally appropriate methods of guiding young children's behavior including communication skills for use with young children, staff and parents. This course meets part of the Child Development Certificate (CDA) requirements. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE182
Pre-K CDA III: Integrated Preschool Curriculum I
This course focuses on effective teaching strategies that build on principles of developmentally appropriate practice. Students demonstrate the ability to synthesize content knowledge to plan and implement classroom activities that are both meaningful and effective in meeting Pre-K curriculum standards. Specific attention is given to the curriculum areas of gross motor, sensory, block, math and science and the assessment of children in these area. This course meets part of the Child Development Certificate (CDA) requirements. Prereq: 18ECE180, 18ECE181. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE183
Preschool CDA IV: Integrated Preschool Curriculum II
Early childhood curricula will be studied in light of the information on child development studies in previous classes. Literacy (reading and writing development), developmentally appropriate art and music curricula, and the purpose and planning behind dramatic play will be emphasized. Family involvement practices and assessment procedures will be infused throughout the course work. This course meets part of the Child Development Certificate (CDA) requirements. Prereq: 18ECE180, 18ECE182. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE184
CDA V: Field Work
This course provides the student with advising and assessment of field work with children ages 3 to 5 years. Prereq: 18ECE183, 18ECE188. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18ECE186
Infant Toddler CDA II: Social Emotional Development and Guidance
Explores the domains of social and emotional development of infants and toddlers including guidance strategies. Provides direction for planning experiences that promote and support social and emotional development. Includes work with a child. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE187
Infant Toddler CDA III: Learning Environments
Explores the role of the environment in infant and toddler care settings. Provides an overview of how environments support development in all domains. Includes time in an infant-toddler classroom. Prereq: 18ECE180, 18ECE186. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE188
Infant Toddler CDA IV: Physical and Cognitive Development
Explores the domains of physical and cognitive development, including language and pre-literacy skills. Provides guidance for planning experiences that enhance physical and cognitive development. Prereq: 18ECE180, 18ECE186. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE190
Learning Early Childhood Education Online
This course has been specifically designed to help you succeed in the ECLC program. In Learning ECE Online, you will be learning about: the Developmentally Appropriate Practice (DAP) model for Early Childhood Education, study skills and best practices for online students, tech tips to help you solve computer issues, and basic elements of academic and online writing. The first ECLC course provides the essential skills that you will need to be a successful student in your future ECLC courses. BoK: NA. Credit Level: U. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services

Early Childhood Education

18ECE191
Orientation to Professional Practice in Early Childhood
Pre-Requisite: None. Course requires access to three child care centers or preschools (one can be a home day care). Tour and observation of center (30 minutes minimum/site). No interaction with children necessary. Overview of the field of early childhood education. Provides the foundation for the early childhood educator in designing and managing developmentally appropriate environments for young children and their families. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE193
Uniqueness of Infants and Toddlers
Provides an introduction to the characteristics of infant and toddler development and care including the developmental domains and milestones, brain development, and supporting theories. The course relates relationship-based care strategies to infant-toddler learning and development. During this course you MUST have access to an infant or toddler other than your own child, grandchild, or any other child living with you. Although you are not required to interact with children for this assignment, you are required to obtain parental/guardian consent so that you may observe an infant or toddler for several of the assignments in this course. Prereq: 18ECE276, 18EDST301. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE231
Classroom Organization and Management
Pre-reqs: ECE191, ECE276 or EDST301. Need access to preschool classroom other than your own. Introduction to developmentally appropriate methods of guiding young children's behavior including communication skills for use with young children, staff and parents. Other course requirement: Must observe one preschool-age for 10 weeks in a classroom or family day care setting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE232
Infant Toddler Learning Environments
Explores the role of the environment in infant and toddler care settings. Provides an overview of how environments support development in all domains. Includes time in an infant-toddler classroom. Prereq: 18ECE193, 18ECE276, 18ECE278. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE234
Math and Science in Early Childhood Education
Pre-reqs: ECE276 or EDST301. ECE191 can be a pre- or co-requisite. Need access to 1-3 children between ages of 3 and 5. Methods of teaching math and science within a developmentally appropriate, integrated early childhood setting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE235
Language Arts and Literature I
Pre- or Co-requisite: ECE276 or EDST301. Need access to 1-3 children. Discussion of early language development and early reading and writing; methods of literacy learning; survey and use of literature in the early childhood setting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE236
Language Arts and Literature II
Pre-requisite: ECE191, ECE276 or EDST301, ECE235. Need access to one child age 2-6 years in a dramatic play area. Development of young children from beginning to fluent reading and writing; integrating literature across the curriculum. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE238
Infant Toddler Physical and Cognitive Development
Explores the domains of physical and cognitive development, including language and pre-literacy skills. Provides guidance for planning experiences that enhance physical and cognitive development. Prereq: 18ECE276, 18ECE193. BoK: NA. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.
**Early Childhood Education**

18ECE239  
**Responsive Curriculum for Infants and Toddlers**  
Encompasses the planning, development, and implementation of a comprehensive curriculum that is emergent and responsive to the needs, interests, and abilities of infants and toddlers. Prereq: 18ECE232, 18ECE238, 18ECE260, 18ECE263, 18ECE289. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE241  
**Preschool Student Teaching A**  
Pre-requisites: ENGL102 and ECE242 and a pre- or co -requirement of ECE257. This is a supervised experience in working with preschool-aged children. Focus on appropriate behavior guidance and communication strategies. Student must make application at least 10 weeks (1 quarter) before practice teaching is to be scheduled. This will be 100 hours in a preschool practicum site approved by ECLC Practicum Coordinator. Prereq: 32ENGL102, 18ECE234, 18ECE236, 18ECE262, 18ECE278. Coreq: 18ECE256, 18ECE231. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE242  
**Preschool Student Teaching B**  
Pre-requisites: ENGL102 and 18ECE242 and a pre- or co-requisite of ECE257. This is a supervised experience in working with preschool-aged children. Focus on appropriate behavior guidance and communication strategies. Student must make application at least 10 weeks (1 quarter) before practice teaching is to be scheduled. This will be 100 hours in a preschool practicum site approved by 10 weeks (1 quarter) before practice teaching is to be scheduled. This will be 100 hours in a preschool practicum site approved by ECLC Practicum Coordinator. Prereq: 18ECE241, 18ECE236, 18ECE262, 18ECE278. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE243  
**Preschool Internship**  
Pre-req: ECE242 (6 hrs). Focus environmental redesign. Supervised experience in working with preschool-aged children. Student must make application at least 10 weeks (1 quarter) before practice teaching is to be scheduled. This will be 200 hours in a preschool internship site approved by ECLC Practicum Coordinator. BoK: NA.  
Credit Level: U.  
Credit Hrs: 6.00

18ECE244  
**Early Childhood Education Internship for Family Child Care**  
The FCC Internship is the culminating experience in the Early Care and Education Associate of Applied Sciences degree program. Candidates participate in a state licensed or regulated early childhood family child care home environment with a mixed age group of children from birth - age 12 under the supervision of a University of Cincinnati instructor. Candidates are expected to assume and manage the full range of teaching/caregiving responsibilities for the group of children in order to fulfill course requirements that lead to the Associate of Arts Degree in Early Childhood Education. Note: This family childcare internship fulfills the requirement for an Associate of Arts degree but does not fulfill the requirements for the Ohio Pre-K Associate License. To be eligible for the Ohio Pre-K Associate license, a student must complete the final internship by registering for 18ECE243 and participate for 20 hours/week over the 10-week quarter in an approved center-based preschool classroom environment. In addition, up to five years after completing the Associate degree a student may return, register, and complete the Preschool Internship and upon success BoK: NA.  
Credit Level: U.  
Credit Hrs: 6.00

18ECE246  
**Infant Internship**  
This course is a supervised student teaching experience in a developmentally appropriate infant setting. Students will work directly with infants in an early care setting for 20 hours per week. By application only. Prereq: 18ECE239. BoK: NA.  
Credit Level: U.  
Credit Hrs: 6.00

College of Education, Criminal Justice, and Human Services

18ECE246  
**Infant Internship**  
This course is a supervised student teaching experience in a developmentally appropriate infant setting. Students will work directly with infants in an early care setting for 20 hours per week. By application only. Prereq: 18ECE239. BoK: NA.  
Credit Level: U.  
Credit Hrs: 6.00

18ECE247  
**Toddler Internship**  
This course is a supervised student teaching experience in a developmentally appropriate toddler setting. Students will work directly with toddlers in an early care setting for 20 hours per week. By application only. Prereq: 18ECE239. BoK: NA.  
Credit Level: U.  
Credit Hrs: 6.00

18ECE251  
**Infant/Toddler Programs**  
Pre-requirements: ECE191, ECE276 or EDST301. Need access to one child age 3-30 months who is not a child living in your home. Design and implementation of developmentally appropriate programs for infants and toddlers. Includes a review of infant/toddler development and how issues are considered in program design. Additional course requirement: access to an infant or toddler age 3-30 months in a child care setting (center or family day care) is required for an assignment on infant/toddler curriculum. An observation of an infant or toddler classroom environment at a center along with communication with a director or teacher is required for an assignment. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE253  
**Practicum Seminar in Early Childhood II**  
In this seminar, students will be provided with opportunities to analyze experiences gained in an approved early childhood education program, reviewing theory, teaching skills, team teaching, classroom management, lesson planning, and evaluation. Coreq: 18ECE243. BoK: NA.  
Credit Level: U.  
Credit Hrs: 1.00

18ECE256  
**Creative Arts in Early Childhood Education**  
Pre-Req: ECE191, ECE276 or EDST301. Need access to at least one child ages 3-5 years. Developmentally appropriate integrated activities and materials for visual arts, music, and movement. Includes theory and development of play, creativity and multiple intelligences. Pre-requisite entitled Child Development I (18ECE276), requires presentation of lessons to children ages 3-5, including designing and implementing an art center, a music and movement activity, and designing a music area. Subsequent observations of children using these areas are also required. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE257  
**Integrated Preschool Curriculum**  
Pre-requisite: ECE191, 3CE276 or EDST256. Need access to groups of children ages 3-5 in a field site. Developmentally appropriate activities and materials including block play, sensory play, cooking, socio-dramatic play, field trips, holidays, outdoor play and diversity issues. Includes activity planning, emergent curriculum and Project Approach. Additional requirement: designing and implementing a dramatic play area, a block center, a sensory table, and other activities. Subsequent interaction and observation of children is necessary. Prereq: 18ECE256. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE260  
**Building Family and Community Partnerships**  
Explores the role of the family and community in infant-toddler development and care. Specific issues related to establishing culturally appropriate, family centered programs will be discussed. BoK: NA.  
Credit Level: U.  
Credit Hrs: 3.00

18ECE261  
**Families and Culture in Early Childhood Education**  
Pre-requisite: none. Educational considerations in working with young children from a variety of cultural and ethnic backgrounds. BoK: SS.,

H-U: University Honors course.
Early Childhood Education

18ECE261
Families and Culture in Early Childhood Education
DC. Credit Level: U. Credit Hrs: 3.00

18ECE262
Observation, Assessment, and Planning in Early Childhood
Pre-requisites: ECE191, ECE276 or EDST301. Need access to one child ages 3-5 years who is not your own child. Presentation of techniques for observing, recording and assessing the behavior of young children. Discussion of strategies for data collection and use of data for long- and short-term planning. Additional course requirement: extensive interaction and observation of a preschool age child in a classroom/family child care setting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE263
Infant-Toddler Planning: Using Observation and Assessment
Presentation of techniques for observing, recording, and assessing the growth and development of infants and toddlers. Discussion of strategies for data collection and use of data for long- and short-term planning. Includes observation of a child. Prereq: 18ECE276, 18EDST301. Coreq: 18ECE191, 18EDST275. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE264
Administration of Early Childhood Programs
Pre-reqs: ECE191, ECE276 or EDST301, ECE278. Need access to a childcare center. Overview of administrative duties required in overseeing a variety of early childhood programs. Discussion of licensing standards, funding issues, operating budgets, staff recruitment and retention, policies and procedures and staff development. (Not required for Associate's Degree; can be taken as an elective or towards Administration Certificate. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE265
Becoming an Infant Toddler Professional
Provides an overview of the roles and responsibilities of an infant toddler professional. Includes developing a philosophy statement, stages of professional development, advocacy, and ethical issues. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE267
Leadership and Management for IT Professionals
Introduction to program management. Topics include the types of issues encountered in leadership roles including policy adherence, accessing systems of support, and staffing, and reflective supervision. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE268
Special Topics in Early Childhood Education
In depth study of selected topics in early childhood education. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE271
Mentoring Adults in Early Childhood Programs
No pre-requisites. Overview of methods and principles of supervising pre-service and/or new teachers in the field of early childhood education. Designed for experienced classroom teachers who have demonstrated strong skills in providing a developmentally appropriate early childhood program. (Not required for Associate's Degree; can be taken as elective or towards Administration Certificate.) BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18ECE276
Child Development I
Pre-Requisite: None. Growth and development of the child pre-birth through age 8. Includes directed observation of children in a preschool setting. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18ECE277
Child Development II
Pre-Requisite: Recommended ECE276 or EDST301. Need access to two male and two female adolescents. Growth and development of...
18ECE292 Introduction to Inclusive Practices 3.00

18ECE400 Developmental Concerns
Offered autumn quarter on the Clifton campus only. Pre-requisite: ECE292 and/or pre-K. Need access to a site with children of ages 0-5 with disabilities or special needs OR access to a professional who works with these children. Students will explore the philosophical and social-legislative baases of early intervention, examine specific disabilities, and describe implications of those abilities for development and learning. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ECE401 Accommodations and Adaptations in Early Childhood Education
In this course, designing appropriate family and child assessment-based Individualized Education Plans (IEP’s) and Individual Family Service Plans (IFSP’s) will be addressed. Also, collaborative problem solving, accommodations, classroom management, interventions, related services, etc. cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE402 Families in Early Childhood Special Education
Spring quarter offered on Clifton campus only. Pre-requisite: ECE292, Pre- or co-requisite: ECE261, and recommended ECE401, and/or pre-K Cohort campus program code. Matriculation into bachelor degree required. Topics in this course include understanding the needs of families and how to incorporate families into the early childhood setting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE403 Accommodations and Adaptations-Birth to Age 5
Pre-requisite: ECE400. Access to inclusive classroom. In this course, designing appropriate family and child assessment-based Individualized Education Plans (IEP’s) and Individual Family Service Plans (IFSP’s) will be addressed. Also, collaborative problem solving, accommodations, classroom management, interventions, related services, etc. Prereq: 18ECE276. Coreq: 18ECE400. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE406 Collaboration and Case Management in Early Childhood Education
Pre-requisite: ECE243. Pre- or co-requisites: ECE401, ECE506 or ECE506 or ECE402. This class will investigate the complexities of working with related service personnel and families in early intervention programs. Topics will include a framework for collaboration, collaboration and teaching, effective communication skills, facilitating communication, and barriers to effective communication. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE408 Early Childhood Education: Field Work
Pre-requisite: None. Co-requisite: ECE498 or ECE515. Need permission from the Academic Director. Can be taken for up to 6 credit hours. On campus sections by permission of instructor no co-requisite. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18ECE411 Play and Development
Autumn quarter offered on Clermont Campus only to all students. Winter quarter offered on Clifton Campus only to Cohort-only students. Pre-reqs: ECE276 or EDST301, Pre- or co-requisite ECE234, ECE236, ECE256, ECE257, ECE262, and/or pre-K Cohort campus program code. Matriculation into bachelor degree is required. This course is designed to assist student in the development of an understanding of play-based theory to learning. Students will learn how to use the environment and interaction to facilitate, through play, the development of young children to promote growth across developmental domains. Additional requirement: access to a preschool classroom or family day care serving children preschoolers (at least 4-5 children total) for approx 3-5 observation events for up to 1-2 hours each. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE412 Selfhood in Infants and Toddlers
Pre-requisites: ECE276 or EDST301, ECE251. Matriculation into bachelor degree program required. Students in this course will study selfhood in young children birth to two and its implications for theoretical and philosophical nurturing practices. Topics will include nurturing, relationships, emotional development, supporting parents, and understanding the care giving environment. Guidelines for working with infants and toddlers to promote selfhood will be discussed. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE414 Responsive Environments for Infants and Toddlers
Explores the role of the environment and curriculum planning in infant and toddler care settings. Provides an overview of how environments support development in all domains and how teachers can plan appropriate experiences. Prereq: 18ECE412. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE415 Foundations of Literacy
Autumn quarter offered only on the Clifton Campus to the Cohort-only students. This course is designed to assist students in the development of understanding of the reading and writing process for young children. Focus is on emergent literacy and methods for preschool literacy-rich environments. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE430 Classroom Management
Development of skills and competencies necessary for effective functioning in a setting with children ages 3-8, cohort-only BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE450 Infant Practicum
Pre-requisites: ECE276 or EDST301, ECE251. Pre- or co-requisite: ECE412. Matriculation into bachelor degree required. This field experience will require students to complete a 10-week field placement in an infant environment. Early intervention placements will also be an option in this placement. Course will require 4 hours per week in a child care setting that serves at least 3 infants (birth-18 months). Additional information and application forms can be found at the ECLC Info Center in your Blackboard site under the “Student Teaching” button. Prereq: 18ECE251, 18ECE412. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE451 Toddler Practicum
Pre-requisites: ECE276 or EDST301, ECE251, pre- or co-requisite: ECE412; matriculation into the bachelor degree program required. Selfhood ECE412 may be taken as a pre req or a co req. This ten week field experience will require student to complete a placement in a toddler environment. Early intervention placements will also be an option in this placement. Students will be required to spend 4 hours per week in a child care setting that serves at least three toddlers (12-36 months). Prereq: 18ECE251, 18ECE412. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE460 Language Development in Early Childhood Special Education
Pre-requisite: ECE276 or EDST301, ECE235, ECE236. Matriculation in bachelor degree required. Introduction to typical and atypical language development in young children birth to age 5. Implications of ethnic, linguistic, psychological, and cultural differences for language learning. Role of the teacher in enhancing language development of young children. BoK: NA. Credit Level: U. Credit Hrs: 3.00
College of Education, Criminal Justice, and Human Services
Early Childhood Education

18ECE468 Early Childhood Education Phonics I
This course will investigate research-based and historical-cultural contexts for phonics instruction in early childhood education. Cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE470 Early Childhood Education Phonics II
This is a methods course about the teaching and learning of phonetics, phonics, word study, and spelling in relation to developing learners and a total reading program. Cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE480 Teaching Reading Through Children's Literature
Through an investigation into developmentally and culturally appropriate reading materials for young children, students learn about literature genres, the path to fluent reading and writing, and common reading problems. Cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE481 Teaching Reading Through Children's Literature - Birth to Age 5
Pre-requisites: ECE276 or EDST301, ECE235, ECE236; matriculation into bachelor degree program required. Need access to a child care classroom that is not your own. Development of young children from early reading and writing to fluent reading and writing and introduction to common reading problems. Investigation into developmentally and culturally appropriate reading material emphasized. Prereq: 18ECE276, 18ECE235, 18ECE236. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE490 Math/Science for Young Children
Methods of teaching math/science in preschool within an integrated curriculum and contexts that have contributed to current practices in educating young children in math and science. Focus is on pre-K through grade 1. Cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE495 Stories of Teaching
Capstone experience in ECE. This course is designed to provide an opportunity for the student to reflect upon the historical foundations and the principles of developmentally appropriate practice in early childhood education and his or her own development as a teacher. The core theme of the course is that each individual student/teacher-to-be has a story to tell, a story about his/her personal development as a learner and as a teacher. Cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE498 Projects and Documentation in Early Childhood Education
Pre-requisite: Entire bachelor birth-to-5 curriculum, including ECE515. Must be of senior status. Need access to 3-6 children for entire quarter. This is the capstone course and is the last course before graduation. This course will explore ECE as a context for documenting children’s work and reflecting on its meaning. It will also evaluate the general education competencies as set forth by the university, thus, serving as the capstone for this program option. Additional requirement: field work for observations and assessments for children. Coreq: 18ECE408. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE500 PreSchool Practicum
Supervised observation and participation in preschool settings. Half days, M-F. By application only. BoK: NA. Credit Level: U. G. Credit Hrs: 1.00-6.00

18ECE501 Teaching Reading and Writing I
Facilitating the development of reading and writing skills in kindergarten and grade 1. Cohort only. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services
Early Childhood Education

18ECE502 Teaching Reading and Writing II
Facilitating the development of reading and writing skills in primary grades. Cohort only. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18ECE504 Kindergarten Practicum
Supervised observation and participation two or more half-days per week in an approved kindergarten. Times for participation and seminars to be arranged. By application only. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18ECE505 Art Education Practicum
Practicum for Art Education majors at the Arlitt Child Development Center. Students observe early childhood education practice, create lesson plans, and implement plans under supervision. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18ECE506 Assessment and Evaluation in Early Childhood Education
In-depth study of assessment of children ages birth to eight and early childhood education program evaluation. cohort only. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE507 Assessment and Evaluation-Birth to Age 5
Pre-requisites: ECE276 or EDST262. Need access to child care center that is not your own. This bachelor-level course fosters an in-depth study of assessment practices for children ages birth to five and early childhood program evaluation. It will focus on traditional assessments and curriculum based measures as well as program evaluation. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE510 Number Sense and Representation for Teachers and Learners
Offered only numbered years only, this course synthesizes the conceptual understanding of number systems and algebraic reasoning with pedagogical content. As students develop a deeper persona understanding and number theory, they will concurrently focus on how to guide young learners in the construction of key concepts such as a place value, standard and nonstandard algorithms, and the relationships among arithmetic operations. In addition, the course focuses on algebraic reasoning as a key component of problem-solving. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE511 Geometry for Teachers and Learners
Offered only numbered years only, this course focuses on the conceptual understanding of geometry, including the use of geometric models to solve problems; description of location, movement, and position; and ratios and proportional reasoning. The course bridges the formation of content knowledge with pedagogical issues when teaching young learners. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE512 Measuring, Interpreting, and Predicting Data for Teachers and Learners
Offered only numbered years, this course focuses on the conceptual understanding of measurement, data analysis, and probability, and the translation of that understanding into pedagogical practice. As students construct their own understanding of the topics, they will also learn how to best guide and support the understanding of foundational concepts in young learners. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE515 Practitioner Research in Early Childhood Education
Pre-requisites: ECE530, ECE525. Must be of senior status. Advanced course for students who are completing final course work for their Bachelor's. Students in this course will engage in an action research project related to an early childhood setting of their choice. They will document progress toward expected outcomes and present their project at the end of the quarter. The course will provide students with the skills

H=University Honors course.
College of Education, Criminal Justice, and Human Services

Early Childhood Education

18ECE515
Practitioner Research in Early Childhood Education
To be teacher or caregiver researchers of theory driven designs, with research questions, and a defined methodology, in which they may use the results to assist them in making data-based decisions. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE525
Leadership in Early Childhood Education
Pre-requisite or co-req: ECE264, ECE406; matriculation in bachelor degree and senior status required. This course will foster the development of early childhood stakeholder leadership skills including advocacy, supervision, accessing funding, and networking. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE530
Challenging Behaviors in Early Childhood Education
Pre-requisite: ECE243. Pre- or co-requisites: ECE290, ECE400. Need access to a preschool or child care center. Matriculation into Bachelor degree program is required. This course will focus on strategies and techniques to use data driven decision-making to intervene with children who challenge program integrity. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ECE540
Integrating Art, Music, Creativity in ECE
Art, drama, music, and movement curriculum content as well as strategies and techniques for involving children in aesthetic experiences. cohort only BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ECE551
Integrating Math
Mathematics content and methods study for primary grades. Includes strategies for creating learning environments and experiences for optimal mathematics learning. cohort only BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ECE560
Integrating Social Studies in ECE
Social Studies content and methods study for kindergarten and primary grades. Includes strategies for creating a social studies-rich learning environment. cohort only BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ECE570
Integrating Science in ECE
Science content and methods study for primary grades. Includes strategies for creating learning environments and experiences for optimal learning of science content and the scientific process. cohort only BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ECE572
Independent Study in Early Childhood Education
Independent work for Early Childhood Education majors. Permission of instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00-6.00

18ECE575
Opening School Experience
Beginning field placement in the primary grades. Full days M-F, August and September. By application only. BoK: DC. Credit Level: U. Credit Hrs: 2.00

18ECE576
Primary Practicum
PRACTicum designed to experience and apply methods for teaching grades 1 through 3. Monday, Tuesday, Thursday. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18ECE577
Early Childhood Education Internship
Full day Internship in grades 1 through 3. By application only. BoK: DC. Credit Level: U. Credit Hrs: 12.00

---

H=University Honors course.
Early Childhood Education

18ECE774  
Social Competence in Early Childhood Settings  
Investigation of strategies and techniques used by teachers to guide children to engage in acceptable behaviors in the early childhood classroom. Emphasis is on the theory underlying practice. Credit Level: G. Credit Hrs: 3.00

18ECE775  
Constructivism in Education  
This course examines the theoretical foundation and practical implications of the constructivist educational perspective. Focus is on the theories of Piaget and Vygotsky. Credit Level: G. Credit Hrs: 3.00

18ECE776  
Curriculum Analysis in Early Childhood Education  
A theoretical and practical investigation of curriculum planning for early childhood programs. Credit Level: G. Credit Hrs: 3.00

18ECE777  
Trends and Issues in Early Childhood Education  
Controversial areas and new directions in early childhood education; legislation, social change, and future expectations. Focuses on the role of the child advocate. Credit Level: G. Credit Hrs: 3.00

18ECE778  
Child Development Theory and Research  
Discussion of selected problems in early childhood education. Credit Level: G. Credit Hrs: 3.00-9.00

18ECE779  
Thesis/Project Guidance  
Individual guidance for Early Childhood Education graduate students who are working on a culminating experience in the master's degree program. Credit Level: G. Credit Hrs: 1.00-15.00

18ECE780  
Team Models in Early Intervention  
A foundation for understanding early intervention team models, including team building, group asset development, communication, and leadership, specific to early intervention. Please note: Spring quarter offered even-numbered years only. Summer quarter is offered every year. Credit Level: G. Credit Hrs: 3.00

18ECE781  
Evidenced-Based Practices in Early Intervention  
Methods and management techniques in providing appropriate developmental experiences for children with disabilities in groups of typically developing children. Credit Level: G. Credit Hrs: 3.00

18ECE782  
Play and Development  
Review theories and research on play and the relationship to child development. Examine issues related to the interface of children's play and the early childhood classroom. Credit Level: G. Credit Hrs: 3.00

18ECE855  
Early Intervention Internship  
An experience with young children with disabilities, birth through five years of age. Interns are placed in community agencies, early programs, and programs for preschool children with disabilities. Credit Level: G. Credit Hrs: 3.00-15.00

18ECE971  
Independent Study in Early Childhood Education  
Independent work for students in the area of early childhood education. Credit Level: G. Credit Hrs: 1.00-15.00

18ECE972  
Readings in Early Childhood Education  
Special readings for students who wish to do in-depth exploration of an area in early childhood education. Credit Level: G. Credit Hrs: 1.00-6.00

18ECE876  
Practicum/Internship in Early Childhood Education  
An internship which is individually planned and designed for selected students in the ECE master's degree program and for students in other master's and doctoral programs. Credit Level: G. Credit Hrs: 5.00-10.00

College of Education, Criminal Justice, and Human Services

18ECE876  
Practicum/Internship in Early Childhood Education  
Students in the ECE master's degree program and for students in other master's and doctoral programs. Credit Level: G. Credit Hrs: 5.00-10.00

Educational Leadership

18EDLD601  
Interpersonal Communications  
Teachers and administrators develop communication skills to improve their communications with students, the community, and each other. Special scheduling: Administrator Development Academy. Consult program. BoK: NA. Credit Level: U, G. Credit Hrs: 2.00-3.00

18EDLD736  
Foundations of Educational Administration  
Three-quarter sequence of learning activities designed to develop competencies necessary for entry-level administrative positions. Special scheduling: Leadership Development Academy. Consult program. Credit Level: G. Credit Hrs: 1.00-4.00

18EDLD737  
Foundations of Educational Administration  
See 18EDLD736. Special scheduling: Leadership Development Academy. Consult program. Prereq: 18EDLD736. Credit Level: G. Credit Hrs: 1.00-4.00

18EDLD739  
Supervision of Instruction  
Analysis of historical perspectives of supervision and the contextual and organization theories that define the workplace. Application of skills, strategies, and individual perspectives for restructuring/reinventing education through the development of new visions of supervision. Credit Level: G. Credit Hrs: 4.00

18EDLD743  
Computer Applications in School Administration  
Experience in developing effective school management strategies through the use of microcomputer technology. Credit Level: G. Credit Hrs: 3.00

18EDLD751  
Principal Clinical Internship I  
The first part of a three quarter internship experience for principal licensure. Credit Level: G. Credit Hrs: 2.00

18EDLD752  
Principal Clinical Internship II  
The second part of a three quarter internship experience for principal licensure. Credit Level: G. Credit Hrs: 3.00

18EDLD753  
Principal Clinical Internship III  
The third part of a three quarter internship experience for principal licensure. Credit Level: G. Credit Hrs: 3.00

18EDLD772  
Understanding Educational Organizations  
Study of organizational theories and their application in education. Credit Level: G. Credit Hrs: 3.00

18EDLD773  
Collective Bargaining in Education  
Process of communications, contracts, arbitration, conciliation, fact finding, good faith negotiations, grievance procedures, legal counsel, negotiation laws, sanctions, strikes, and roles of individuals. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
### Educational Leadership

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credit Level</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>18EDLD874</td>
<td>Principles of Curriculum Organization and Development</td>
<td>Comprehensive curriculum designs for learning experiences including philosophical, social, cultural, and psychological variables.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD778</td>
<td>Educational Leadership</td>
<td>Educational leadership theory, research, and practice.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD782</td>
<td>Principal Clinical Internship</td>
<td>Planned field experience to provide actual experience for individuals as required for licensure in Ohio.</td>
<td>G</td>
<td>4.00</td>
</tr>
<tr>
<td>18EDLD803</td>
<td>A Study of Change and Change Techniques</td>
<td>Change process theory, research, models, and practice.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD810</td>
<td>Innovations in Curriculum</td>
<td>Students will develop an understanding of curriculum innovations, sources of innovations, and the stages of planned change in implementing innovations.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD814</td>
<td>Program Evaluation</td>
<td>A review of the conceptual and technical skills in program evaluation for improved educational decision making.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD816</td>
<td>Educational Policy Analysis</td>
<td>Methods and techniques of educational policy analysis and the application of analytical tools.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD850</td>
<td>LGBTQ Issues and Educational Leadership</td>
<td>This course explores multiple theoretical frame-works regarding identity and sexuality and their applications for educational leadership</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD851</td>
<td>Superintendent Clinical Internship I</td>
<td>The first part of a three quarter internship experience for superintendent license.</td>
<td>G</td>
<td>2.00-3.00</td>
</tr>
<tr>
<td>18EDLD852</td>
<td>Superintendent Clinical Internship II</td>
<td>The second part of a three quarter internship experience for superintendent licensure.</td>
<td>G</td>
<td>2.00-3.00</td>
</tr>
<tr>
<td>18EDLD853</td>
<td>Superintendent Clinical Internship III</td>
<td>The third part of a three quarter internship experience for superintendent license.</td>
<td>G</td>
<td>2.00-3.00</td>
</tr>
<tr>
<td>18EDLD870</td>
<td>Women in Educational Leadership</td>
<td>Competencies for women in educational leadership.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD871</td>
<td>Individual Study in Educational Administration</td>
<td>Individual research on a problem of administration.</td>
<td>G</td>
<td>1.00-6.00</td>
</tr>
</tbody>
</table>

**Consult specific program via announcement from the listed instructor.**

---

### College of Education, Criminal Justice, and Human Services

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credit Level</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>18EDLD874</td>
<td>Personnel Administration</td>
<td>An in-depth study of personnel functions including hiring, employment, and withdrawal phases.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD875</td>
<td>Administration of Pupil Services</td>
<td>Consideration of the learner population and their needs, problems, rights, and expectations.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD877</td>
<td>Community and Educational Process</td>
<td>Study of the relationships of educational organizations and the broader community and new conceptualizations of community.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD880</td>
<td>School Law</td>
<td>An analysis of the financial support and business procedures in educational institutions. Prereq: 18EDLD738.</td>
<td>G</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>18EDLD882</td>
<td>Planned Field Experience II</td>
<td>A second-level planned field experience for those seeking certification as an administrator.</td>
<td>G</td>
<td>4.00</td>
</tr>
<tr>
<td>18EDLD883</td>
<td>Seminar: Staff Development</td>
<td>Examination of staff development models and activities.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD885</td>
<td>Economics of Education</td>
<td>Examination of important relationships between education and the economy.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD893</td>
<td>Special Program Administration</td>
<td>This is a broad designation for a topic selected by the professor. Consult specific program via announcement from the listed instructor.</td>
<td>G</td>
<td>1.00-4.00</td>
</tr>
<tr>
<td>18EDLD904</td>
<td>Ethics and Educational Leadership</td>
<td>This course is designed to introduce you to a variety of theories of ethical thought and their relationship to educational leadership.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD905</td>
<td>Board Relations</td>
<td>School Board Relations is structured around the understanding of roles and responsibilities, both of the superintendent &amp; school board, &amp; forces of the environment that impact school boards &amp; the board-superintendent relations.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDLD910</td>
<td>Superintendent</td>
<td>This course is to increase student understanding of the complexity of leading in the contemporary environment. To provide insights in the everyday world of individuals in this role to provide opportunity for knowledge, skill &amp; attitude development to prepare the student in leadership.</td>
<td>G</td>
<td>3.00</td>
</tr>
</tbody>
</table>

---

**H=University Honors course.**

**BoK (Breadth of Knowledge) Coding.**

- DC: Diversity & Culture
- EC: English composition
- FA: Fine Arts
- HP: Historical Perspectives
- HU: Humanities
- LT: Literature
- NS: Natural Sciences
- QR: Quantitative Reasoning
- SE: Social & Ethical Issues
- SS: Social Sciences
18EDST201  
**Schooling and Teaching in America**  
This course explores teaching in the United States with attention to standards-based education and reform; professionalization of teaching; diversity; democratic purposes of public schooling; educational inequities and social justice; curriculum and instruction; and legal, organizational, and political issues in education. BoK: HP., DC. Credit Level: U. Credit Hrs: 4.00

18EDST275  
**Human Learning and Development in Education**  
This course examines the complex phenomena of learning, motivation, and human development, and how teachers can apply this knowledge in their practices. Major theories are covered on behaviorism, cognitive and social influences, motivation, and other factors affecting development across the lifespan. Emphasis is on knowledge of learners, including individual differences and multiple intelligences; exceptionalities; language acquisition; and home and community influences. Also covered are various pedagogical approaches that recognize developmentally appropriate pedagogical knowledge, assessment, and classroom management techniques. BoK: NA. Credit Level: U. Credit Hrs: 4.00

18EDST301  
**Human Development**  
Physical, cognitive, social-emotional, and personality development of children up to six years. Prereq: 15PSYC101. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18EDST302  
**Human Development**  
Physical, cognitive, social-emotional, and personality development through middle childhood and adolescence. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18EDST303  
**Human Development**  
Developmental characteristics through young adulthood to old age. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18EDST330  
**Sociocultural Psychology of Immigrant Children**  
This course will examine aspects of the journeys of immigrant children to the U.S. including development, acculturation, identity, health, family relations, culturally-responsive approaches, and the child's countries of origin. Students will document the journeys through journalistic techniques, creative and arts-based modalities, and participatory action research in partnership with immigrant children. Emphasizing experiential learning methodologies and community engagement, students will conduct projects in collaboration with immigrant children in order to better understand the children's lived experience with immigration to the U.S. Through a service learning model, students will partner with immigrant children at a local school. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18EDST330H  
**Sociocultural Psychology of Immigrant Children**  
This course will examine aspects of the journeys of immigrant children to the U.S. including development, acculturation, identity, health, family relations, culturally-responsive approaches, and the child's countries of origin. BoK: DC., SS. Credit Level: U. Credit Hrs: 3.00

18EDST380H  
**MULTICULTURAL PERCEPTIONS ON NATURE**  
Different cultures, and societies each have unique assumptions about how humans should interact with their natural environment. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18EDST426  
**Social Inequalities and Schooling**  
Course explores social inequalities in the practice of education and contemporary approaches for achieving social equity. BoK: HU., SE. Credit Level: U. Credit Hrs: 3.00

18EDST575  
**Independent Study**  
Special topics in educational foundations on an individual basis. BoK: NA. Credit Level: U. G. Credit Hrs: 1.00-6.00

18EDST624P  
**Bullying in the K-12 Classroom Environment**  
The efforts of students, teachers, administrators and parents are often directed towards creating a safe and supportive learning environment. Bullying and peer victimization incidents undermine the positive determination of all involved. Research has shown that more than 160,000 children miss school each day to avoid direct and indirect violence at school. The U.S. Department of Ed's Office of Special Education and Rehabilitation has made the recommendation to our schools that: bullying and peer victimization must be systematically addressed at the individual and school-wide level. The inclusion of students, parents, staff and community members is an integral necessity for the reduction and elimination of peer violence in schools. This course addresses the identification, assessment, modification, and monitoring of the student population in regards to the above mentioned concerns. BoK: SE. Credit Level: U. G. Credit Hrs: 3.00

18EDST625P  
**Creating Positive School Climates**  
Conflict resolution and peer mediation will provide students with both a basic theoretical understanding of school-based conflict resolution and the tools needed for successful implementation of a conflict resolution program within the context of a student's professional experience. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18EDST626P  
**Impact of Violence on Children and Community**  
This course is designed as an introduction to the study of violence as it relates specifically to children and communities. Participants will develop a connectivity and understanding of the issues related to domestic abuse, adolescent violence dynamics, & intergenerational issues of violence in families, and how these issues connect with young people's educational behaviors. The course begins with an overview of various types of violence and provides a focused review of dynamics, contributing factors, and types of interventions. This course will center on a symposium in which participants will hear Dr. Deborah Prothrow-Stith a prominent Harvard professor with a significant contribution to the study of violence prevention. This course seeks to provide a tangible understanding and approach to violence within the individual, educational, and community environments. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18EDST627P  
**Service Learning and School Change**  
This course exposes students to the problems, issues, experiences and resolutions of students and communities through holistic approach to peace education BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18EDST633  
**Classroom Assessment and Evaluation**  
Students will use performance-based and classroom assessment techniques to determine how well students are learning. BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

18EDST675  
**Human Learning**  
Theories of school learning and instruction and their application to classroom teaching. BoK: SS. Credit Level: U. G. Credit Hrs: 3.00

18EDST680  
**Education and Sex-Role Stereotyping**  
The nature of sex-role stereotyping and ways to reduce bias in education. BoK: SE. Credit Level: U. G. Credit Hrs: 3.00

18EDST681  
**Seminar on Peace Education**  
a seminar for students of peace education BoK: NA. Credit Level: U. G. Credit Hrs: 3.00

H=University Honors course.  
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credit Level</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>18EDST682</td>
<td>Conflict Resolution</td>
<td>Surveys the theories and practices of conflict resolution utilized in educational settings.</td>
<td>G, U</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST683</td>
<td>Peace Education and Popular Culture</td>
<td>Establishes a dialogue among teachers utilizing popular culture in the development of values of peace and justice among students.</td>
<td>SE</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST684</td>
<td>Liberation Philosophy</td>
<td>An overview of the perspectives of liberation philosophy and theology</td>
<td>SE</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST690</td>
<td>Introduction to Peace Education</td>
<td>A survey of issues in peace education approached from interdisciplinary perspectives.</td>
<td>SE</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST691</td>
<td>General Mediation</td>
<td>The course provides students with the sufficient theoretical grounding and skills to enable them to function as facilitators in the mediation process and to administer peer mediation programs.</td>
<td>G, U</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST692</td>
<td>Cooperative Discipline</td>
<td>The course provides teachers with a specialized body of theory and skills to enable them to create a classroom climate which will prevent many discipline problems.</td>
<td>G, U</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST693</td>
<td>Alternatives to Violence</td>
<td>This survey of the historical, social, and psychological perspectives on non-violent alternatives to conflict resolution provides students with a sufficient theoretical grounding and set of skills to enable them to facilitate the non-violent resolutions of conflicts.</td>
<td>SE</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST699</td>
<td>Applied Research in Developmental and Learning Sciences</td>
<td>Supervised applied research in the field of Developmental and Learning Sciences.</td>
<td>NA</td>
<td>1.00-12.00</td>
</tr>
<tr>
<td>18EDST703P</td>
<td>Reflective Seminar in Jewish Education</td>
<td>A collegial setting will be created to enable deep reflection on classroom practice.</td>
<td>U</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18EDST623P</td>
<td>Culturally Responsive Pedagogy</td>
<td>Participants will learn the concept of culturally responsive curriculum, engage in the theory and models of this type of curriculum, and plan lessons that address the issues in implementing this curriculum in their classrooms.</td>
<td>G</td>
<td>4.00</td>
</tr>
<tr>
<td>18EDST685P</td>
<td>Seminar in Violence Prevention</td>
<td>Seminar for students interested in Peace Education, with an emphasis on theories and skills related to violence prevention.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST686P</td>
<td>Peace Education and Media Literacy</td>
<td>This course establishes a dialogue among teachers utilizing popular culture in the development of values of peace and justice among students.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST694P</td>
<td>Students' Creative Response to Conflict</td>
<td>Survey of historical, social, and psychological perspectives on non-violent alternatives to conflict resolution, with a focus on students.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST695P</td>
<td>Introduction to Cooperative Discipline</td>
<td>This course provides teachers with a specialized body of theory and skills which enables them to prevent discipline problems.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST696P</td>
<td>Mediation for Classroom Teachers</td>
<td>This course provides students with theoretical grounding and skills to enable them to function as facilitators in the mediation process and to administer peer mediation programs.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST701</td>
<td>Politics of Education</td>
<td>Development of educational policy at the local, state, and national levels.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST710</td>
<td>Introductory Statistical Methods</td>
<td>This course introduces fundamental techniques of data analysis and statistical inference, including descriptive statistics, t-tests, and correlation commonly used in the educational and behavioral sciences.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST721</td>
<td>Intermediate Statistical Methods</td>
<td>This course covers essential techniques of data analysis and statistical inference, including ANOVA, ANCOVA, simple regression, and nonparametric tests commonly used in the educational and behavioral sciences.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST735</td>
<td>Human Development: Early Childhood</td>
<td>Addresses human development from birth through age six.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST736</td>
<td>Human Development: Middle Childhood</td>
<td>Addresses human development from age six through age twelve.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST737</td>
<td>Human Development: Adolescence</td>
<td>Addresses human development from puberty through the end of adolescence.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST738</td>
<td>Human Development: Adulthood</td>
<td>Addresses the developmental tasks of early and middle adulthood.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST747</td>
<td>Social Theories in Education</td>
<td>Historical overview of classical, interpretive, and contemporary social theories in education.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST750</td>
<td>Classroom-Based Action Research and Reflective Practice</td>
<td>Introduction to the practice of educational action research.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>18EDST755</td>
<td>Introduction To Research Methodology</td>
<td>Overview of the research process from problem formulation, literature review, research design, and data analysis to report writing.</td>
<td>G</td>
<td>3.00</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Credit Level</td>
<td>Credit Hrs</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------------</td>
<td>--------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>18EDST755</td>
<td>Introduction To Research Methodology</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST771</td>
<td>Philosophy of Education</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST775</td>
<td>Lifespan Human Development</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST777</td>
<td>History of Education</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST778</td>
<td>Cultural Differences</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST779</td>
<td>Appalachian Migrants in Urban Schools</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST785</td>
<td>Learning in Groups</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST787</td>
<td>Self-Concept and Achievement</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST788</td>
<td>Urban Sociology and Educational Policies and Practices</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST792</td>
<td>Cultural Diversity and Mental Health</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST800</td>
<td>Modes Of Inquiry</td>
<td>G</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>18EDST802</td>
<td>Introduction to Field Methods in Educational Research</td>
<td>G</td>
<td>3.00-4.00</td>
<td></td>
</tr>
<tr>
<td>18EDST804P</td>
<td>Understanding and Teaching Jewish Texts</td>
<td>G</td>
<td>3.00-4.00</td>
<td></td>
</tr>
</tbody>
</table>

The College of Education, Criminal Justice, and Human Services Educational Studies will explore the place of Jewish text in the following key curricula in Jewish Education: 1) Hebrew Language Instruction; 2) Teaching Jewish Texts; 3) The Arts and 5) Israel.

*H=University Honors Institute.*

Educational Studies

18EDST839
Mathematics Cognition
Advanced seminar on theory and research in mathematics cognition, including biological and cultural influences. Credit Level: G. Credit Hrs: 3.00

18EDST840
Cognitive Science of Learning to Read
This course is an examination of the psychological substructure of reading. Neural, perceptual, cognitive, and linguistic processes involved in reading development and disorders will be addressed. Emphasis is placed on understanding how readers extract information from the printed page and how they comprehend text. Current research findings are discussed. Credit Level: G. Credit Hrs: 3.00

18EDST845
History of African-American Education: 1619-1865
Historical overview of the education of African-Americans during the epoch of slavery until 1865. Schooling on the plantations for the slaves as well as education for the free blacks in cities will be investigated. Credit Level: G. Credit Hrs: 3.00

18EDST846
History of African-American Education: 1865 to the Present
An historical overview of the education of African-Americans after emancipation and through the twentieth century. Credit Level: G. Credit Hrs: 3.00

18EDST848
Oral History
Understanding and conducting oral history research. Credit Level: G. Credit Hrs: 3.00

18EDST850
Action Research Seminar I
First in a three-course sequence of Cohort seminars designed to provide students with the theoretical and practical skills necessary to conduct action research in urban school and community settings. Credit Level: G. Credit Hrs: 3.00

18EDST851
Action Research Seminar II
Second in a three-course sequence of Cohort seminars designed to provide students with the theoretical and practical skills necessary to conduct action research in urban school and community settings. Credit Level: G. Credit Hrs: 3.00

18EDST852
Action Research Seminar III
Third in a three-course sequence of Cohort seminars designed to provide students with the theoretical and practical skills necessary to conduct action research in urban school and community settings. Credit Level: G. Credit Hrs: 3.00

18EDST855
Quantitative Research Methods I: Research Design
First course in a three-quarter sequence focusing on developing a quantitative research proposal. Credit Level: G. Credit Hrs: 3.00

18EDST856
Quantitative Research Methods II: Data Collection
Second course of a three-quarter sequence focusing on developing an instrument for collecting quantitative data. Credit Level: G. Credit Hrs: 3.00

18EDST857
Quantitative Research Methods III: Data Analysis and Report Writing
Third course in a three-quarter sequence focusing on analyzing quantitative data and writing up a research report. Credit Level: G. Credit Hrs: 3.00

18EDST880
Advanced Multivariate Analysis: Structural Equation Modeling and Multilevel Modeling
This course introduces students to two advanced techniques, structural equation modeling and multilevel modeling, that fall under the umbrella of multivariate methods in educational research and behavioral sciences. Credit Level: G. Credit Hrs: 3.00

18EDST882
Quantitative Research Synthesis
Addresses the problem of the accumulation of evidence in scientific research through the use of quantitative methods for meta-analysis and research synthesis. Credit Level: G. Credit Hrs: 3.00

18EDST886
Experimental Research
Design and analysis of simple and complex experimental studies, including randomized design, repeated-measure design, nested design, and mixed design. Credit Level: G. Credit Hrs: 3.00

18EDST890
Pro-Seminar in Educational Foundations
Required for all first-year doctoral students. Credit Level: G. Credit Hrs: 3.00

18EDST901
Pro-Seminar in Educational Foundations
See 18EDST901. Credit Level: G. Credit Hrs: 3.00

18EDST902
Pro-Seminar in Educational Foundations
See 18EDST902. Credit Level: G. Credit Hrs: 3.00

18EDST903
Pro-Seminar in Educational Foundations
See 18EDST903. Credit Level: G. Credit Hrs: 3.00

18EDST973
Individual Dissertation Guidance
Students work with adviser in the process of preparing a dissertation. Credit Level: G. Credit Hrs: 1.00-15.00

18EDST989
Seminar in Educational Research
Selected topics in educational research on social foundations, psychological foundations, and research methodology. Credit Level: G. Credit Hrs: 1.00-4.00
English as a Second Language

18ESL601
Basic Academic English
This course is designed to provide non-native speakers of English an opportunity to develop and practice basic skills needed to prepare for entrance into Freshman English. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18ESL100
Academic Reading and Writing Strategies
This course is designed for non-native speakers of English who need to improve their academic reading and writing skills in preparation for freshman English. BoK: NA. Credit Level: U. Credit Hrs: 6.00

18ESL601
Communication and Listening Skills
This course is designed to assist non-native English speaking students to further develop their conversational English fluency. It focuses primarily on perfecting the vocabulary and fluency necessary to execute speech acts that are basic to everyday conversation and also touches on intonation, emphasis, and reductions. Prereq: OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL602
Speaking/LISTENING SKILLS I
The goals of this course are to increase oral fluency and to improve listening comprehension in both academic and everyday conversation. Students will work on improving their recognition and use of idiomatic English while participating in class discussions, as well as express opinions, debate, and negotiate conversation. Content information will be provided through lecture, readings, discussion, role-play, interviews and observations for the purpose of learning oral communication skills that include both speaking and listening. Prereq: 18ESL601, OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL603
Speaking/LISTENING SKILLS II
This class will assist students achieving intermediate academic listening and speaking skills. Students will enhance their skills in giving presentations, debates, and class discussion. Students will demonstrate critical thinking skills through negotiation, expression of opinions and speech persuasion. Students will broaden their academic vocabulary through the exploration of collocations and idioms. Aspects of American culture, especially university culture, will be covered as well. Prereq: 18ESL602, OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL604
Oral Presentation Skills
The goals of this course are to develop the academic presentation skills necessary for teaching and presenting in graduate seminars or professional meetings. Students will learn techniques for audience analysis, selection and organization of materials, developing and supporting arguments, dealing with questions, and effective oral delivery. Several videotaped oral presentations are required. Prereq: 18ESL603, OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL605
Improving Pronunciation
Improving Pronunciation is a classroom-based course that focuses on comprehensible articulation of vowels and consonants as well as the rhythm, stress and intonation of North American English speech. This course should be taken by students who are already fluent in English, but who want to improve their pronunciation skills for more effective communication through practice activities that include speech/sound analysis, dialogue generation, role-play, and simulation and ethnographic assignments. Prereq: OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL606
American Culture and Communication
This course will focus on the cultural aspects of verbal and non-verbal behavior, values, and communication styles while developing effective communication patterns in professional and pre-professional settings. Prereq: 18ESL603, OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL607
Strategies for Academic Success
This course is designed to enhance student skills utilizing techniques for effective listening, note-taking strategies, reading, and writing skills for studying. In addition, it will introduce the student to the expectations of the American classroom culture. Prereq: OEPT, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL608
Editing Skills for ESL Writers
This course is designed for international graduate students who need to improve their writing skills in order to become competent in basic academic English in the style commonly accepted in American universities. At the end of the course the students will be able to recognize and use vocabulary and grammatical structures common in academic writing and to produce texts employing a variety of modes of discourse. Prereq: Placement Test or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL609
Introduction to Academic Writing
This course serves as a continuation of 18ESL608 and is designed to familiarize students with the basic genres of academic writing seen across the disciplines and the modes of discourse that often characterize the writing in these genres. Students will be responsible for producing three major writing assignments: an Abstract, a Research Plan, and a Literature Review, all of which will draw on authentic models from the specific disciplines of class members. Several shorter papers will also be required through which students will become more familiar with some of the modes of discourse which inform various types of academic writing: summary, extended definition, process, critique, and synthesis. Many class periods will be conducted in a workshop format, and students will be expected to share their own works in progress as well as contribute thoughtfully and constructively on the works of their peers. Prereq: 18ESL608, Placement Test, or Permission of Instructor. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL610
Academic Writing for International Students
This workshop course is designed to assist non-native speakers of English to recognize, analyze, and use academic criticism practices in discipline-specific research articles. Using texts from the student's courses, this reading and writing workshop will focus on the analysis of various genres present in their discipline, thus raising awareness of the generic features used by authors in different contexts. Acquiring this knowledge will enable students to manipulate the language features in their field in order to develop a portfolio of practical approaches to reading and writing. Prereq: 18ESL609, Placement Test, or Permission of Instructor. Prereq: 18ESL609. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18ESL710
Teaching Skills for International TAs
This course is designed to assist International Teaching Assistants (ITAs) to acquire, improve, and practice the skills they need for success in their instructional duties. The course focuses on the American educational system, teaching skills, and classroom language use from pronunciation to pragmatics. Prereq: 18ESL603, OEPT, Placement Test, or Permission of Instructor. Credit Level: G. Credit Hrs: 3.00

Health, Fitness and Leisure Studies
Provides a basic understanding of human stress including definitions, exercise. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Provides a basic understanding of weight control, including factors athletic performance. BoK: NA. Credit Level: U. Credit Hrs: 1.00

A basic introduction to substance abuse with emphasis on drugs and nutrition, exercise, and substance abuse. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Physical Conditioning
Basic skills for improving cardiovascular fitness, strength, and flexibility. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Handball
Beginning skills and rules for handball. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Racquetball
Basic skills of racquetball. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Self Defense
An overview of a variety of techniques for personal self defense. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Yoga: Stress Management
Stress management through yoga. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Tai Chi Chuan
Introduction to the basic practice of Tai Chi Chuan. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Water Aerobics
Water resistance exercise routines set to music. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Swimming I
Swimming skills for beginners. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Group Fitness
Aerobic activities, basic nutrition, and stress management for improving fitness and maintaining weight. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Lifestyle Health and Fitness
Knowledge and coping skills related to lifestyle health problems of stress, nutrition, exercise, and substance abuse. BoK: NA. Credit Level: U. Credit Hrs: 2.00

Drug Education
A basic introduction to substance abuse with emphasis on drugs and athletic performance. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Weight Control
Provides a basic understanding of weight control, including factors affecting body weight and information related to proper diet and exercise. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Stress Management
Provides a basic understanding of human stress including definitions, effects on the body, and a variety of techniques to help control stress levels. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Human Sexuality
This purpose of this course is to increase awareness about sexuality and safe sex practices. It also is meant to assist with the appreciation of different views concerning sexuality in relation to one's gender, age, sexual orientation, and religious, racial and/or ethnic background. BoK: SE. Credit Level: U. Credit Hrs: 1.00

Swim Conditioning
Techniques for improving or maintaining fitness levels through swimming. BoK: NA. Credit Level: U. Credit Hrs: 1.00

Philosophy of Sports
To provide a definition for the cultural institution of sports and an explanation of its place in society. This evaluation will be done with the aid of traditional philosophical analysis and theory, and will examine the concepts of sports and related conceptual issues, such as competition, winning, violence, heroism, and legend. Transfer Module. BoK: HU. Credit Level: U. Credit Hrs: 3.00

Social History of Baseball
This course provides a historical and analytical study of a sport through social change and cultural assimilation. Issues such as urbanization, race and ethnicity, health and legal issues, educational policies, and the place of sport in society are discussed and defined. BoK: SS. Credit Level: U. Credit Hrs: 3.00

Issues in Global Sport
The course will acquaint the student with the varieties of sport throughout the world in the United States, showing how sport has an interrelationship with race, gender, politics, religion, urbanization, education, economics, and cultural assimilation. BoK: SE. Credit Level: U. Credit Hrs: 3.00

Sport and Community
This course examines the idea of community in local, national and global context, and how sport contributes to cultural cohesion. BoK: SE. Credit Level: U. Credit Hrs: 3.00

H—University Honors course.
Honors

18HNR5210H
The B.I.G. Honors Course
into the user/client and integrate learning into a set of concepts offered to the user/client for subsequent experimentation/prototyping. You will create the foundation for effective collaborating, self-organizing and creating connections between individuals, disciplines and institutions. BoK: DC., SE. Credit Level: U. Credit Hrs: 3.00

Health Education

18HPE101
Introduction to Health Promotion
Historical, theoretical, ethical, and philosophical foundations of health education, including an emphasis on roles, responsibilities, work settings, and future directions of the profession. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18HPE102
Introduction to Epidemiology
An introduction to epidemiologic concepts and methods used to evaluate the distribution and determinants of health and disease in populations. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18HPE103
Introduction to Global Health
Introduction to global health with emphasis on significant global issues. Ethical and human rights issues will also be discussed. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18HPE133
Personal Health Behavior
Personal aspects of wellness, chronic and communicable disease. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18HPE134
Mental Health Issues
Basics of mental health, sexuality, substance use and abuse, emotional self-help. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18HPE136
Introduction to Public and Community Health
Introduces the science and art of maintaining, protecting, and improving the health of people through organized community efforts. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18HPE196
First Aid: Personal Safety
Basic first aid and CPR. Red Cross certification upon completion. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18HPE231
Applied Statistics in Human Services I
Topics include graphical and numeric descriptive statistics, introduction to probability, discrete and continuous probability distributions. Business applications are emphasized. Coverage of topics supplemented by use of laboratory exercises that include hands-on activities and data analysis using computer software. BoK: QR. Credit Level: U. Credit Hrs: 4.00

18HPE232
Applied Statistics in Human Services II
Topics include sampling techniques, sampling distributions, interval estimation and hypothesis testing, chi-square tests, analysis of variance, simple and multiple linear regression. Business applications are emphasized. Coverage of topics supplemented by use of laboratory exercises that include hands-on activities and data analysis using computer software. Prereq: 18HPE231. BoK: QR. Credit Level: U. Credit Hrs: 4.00

18HPE241
Consumer Health
Discusses the myriad of consumer-related health choices and how such choices ultimately affect the health of the community and individuals within the community. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18HPE309
Fitness and Health
Overview of exercise and fitness and their relationship to health. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE310
Exercise Physiology
Application of basic anatomy and physiology concepts to exercise. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18HPE311
Assessment and Prescription
Basic exercise assessment, prescription writing, and program implementation for apparently healthy individuals. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE312
Exercise Leadership Practicum
Field work with experienced exercise professionals to develop skills and experience in leading exercise. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18HPE321
Chronic and Communicable Disease
To provide an overview of the basic principles of communicable and noncommunicable diseases, with a strong focus on epidemiological indices. Emphasis will be on disease prevention and the role of health education. Prereq: 18HPE101, 18HPE133, 18HPE136. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE330
Child and Adolescent Health
Organization and planning of community programs for health protection and health maintenance of children and adolescents. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE333
Health Promotion Program Planning and Development
Provides requisite skills to conduct a community needs assessment and to plan effective health promotion programs in various settings. Develops the skills in Responsibility Areas I and II of Certified Health Education Specialists. Prereq: 18HPE548. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE334
Implementing and Promoting Health Programs
Provides requisite skills to design, promote, present, and implement health promotion programs consistent with specified program goals and objectives. Develops the skills in Responsibility Area III of Certified Health Education Specialists. Prereq: 18HPE333. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE335
Health Care Delivery
Organization, financing, and problems related to the health care system and the health needs of special groups. Prereq: 18HPE101. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE350
Service Learning in Community Health
Experience in delivering health education services through a community agency. Prereq: 18HPE101, 18HPE136. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18HPE375
First Aid and CPR Instructor
Theory and pedagogy of teaching basic first aid and CPR. Red Cross instructor certification upon completion. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18HPE419
Internship: Health Promotion
Internship in a health program under supervision of a professional health educator. BoK: NA. Credit Level: U. Credit Hrs: 3.00-15.00

H=University Honors course.
Health Education

18HPE501
Lifestyle and Athletic Performance
How to use lifestyle variables to improve athletic performance. BoK: NS. Credit Level: U, G. Credit Hrs: 3.00

18HPE507
Evaluation of Health and Fitness Programs
Provides skills to plan and conduct evaluations of health promotion programs. Includes information on instrument development, data collection, basic data analysis, and report writing. Develops the skills in Responsibility Area IV of Certified Health Education Specialists. Prereq: 18HPE334. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE548
Health and Human Behavior
Explores why people adopt health behaviors and how these behaviors can be altered. A major emphasis is on health behavior theory. Prereq: 18HPE101. BoK: SS. Credit Level: U, G. Credit Hrs: 3.00

18HPE549
Human Sexuality
Explores physical, mental, and social aspects of sexuality with major emphasis on sexuality education and the role of health education in the sexuality education process. BoK: SE. Credit Level: U, G. Credit Hrs: 3.00

18HPE550
Health Issues
Controversial issues in health promotion will be reviewed and openly discussed. This class is a student-led class. You will have the opportunity to actively participate and mold the class discussion each and every session. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE551
Drugs and Society
Examines drug use in American society and specific educational and community approaches to deal with the problem. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE552
Environmental Health
Review of primary environmental health problems and their impact on individuals and society, and the role of health educators in environmental health. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE553
Minority Health Issues
Study of health issues related to minority populations with special emphasis on their specific health needs and programs designed to meet those needs. BoK: DC. Credit Level: U, G. Credit Hrs: 3.00

18HPE554
International Health
This class introduces the student to the primary health conditions, environmental concerns, population issues, health delivery systems, and health cultures in the regions of the world. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE555
Using Technology in Health Promotion
The purpose of the course is to develop effective and efficient use of MS Office Tools and Web-Based resources for a variety of professional settings in the health promotion field. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE556P
Athletic Health and Safety
This course is a combination on-line/on-campus (4 times) class to cover assessment of life threatening and non-life-threatening injuries, injury prevention, injury management, and health and safety and is designed to meet the needs of coaching education requirements and those involved with the health and safety of others. BoK: NS. Credit Level: U, G. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services

Health Education

18HPE572
Independent Study
Individual research on a health education problem for undergraduate students. May be repeated. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00

18HPE601
Stress Reduction
Examination of individual and organization sources of stress and techniques for the management and reduction of stress. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE611
Kinesiology
Motor skills used in physical activity applied to effective movement. Prereq: 15BIOL202, 18HPE310. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE633
Aging: Program Development
Development of program design skills for senior health and social services. Prereq: 18HPE310, 18HPE548. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE673
Workshop Health Education
Special, unique, experimental, or topical classes that are scheduled on an as-needed basis. Consult department for current topics and prerequisites. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-12.00

18HPE684
Health in the Middle School
Develop a program of health instruction for middle school students. BoK: NA. Credit Level: G, U. Credit Hrs: 3.00

18HPE685
Women’s Health Seminar
A seminar introducing students to poignant physical, emotional, social, and political issues affecting women's health in today's world. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18HPE701
Principles and Foundations of Health Promotion and Education
Historical, theoretical, ethical, and philosophical foundations of health education, including an emphasis on roles, responsibilities, and work settings of master's level health educators. Future directions of the profession and graduate level professionals are also discussed. Credit Level: G. Credit Hrs: 3.00

18HPE702
Health Promotion Program Planning
Requisite skills to conduct needs assessments, plan, implement, and evaluate health education programs in a variety of settings. Credit Level: G. Credit Hrs: 3.00

18HPE703
Community Organization and Mobilization
This course will enable students to: 1) identify communities; 2) organize community members and agencies for the purpose of assessing needs, goal setting, implementing plans to address community needs, and evaluating these efforts; and 3) empower individuals within the community to take action. Credit Level: G. Credit Hrs: 3.00

18HPE704
Current Topics in Nutrition Education
An examination of current information and trends in nutrition education for health education professionals. Credit Level: G. Credit Hrs: 3.00

18HPE731
Promoting Health Promotion Programs
Current research in program planning and diffusions research with implications for marketing promotion. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Health Education

18HPE732
Health Promotion Program Management
Application of basic management concepts to health promotion. Credit Level: G. Credit Hrs: 3.00

18HPE751
Analysis of Health Indices
Basic epidemiology with practical application of the principle measures of health status and epidemiology. Credit Level: G. Credit Hrs: 3.00

18HPE761
Physiology of Exercise
Application of exercise physiology concepts to health and training. Credit Level: G. Credit Hrs: 3.00

18HPE762
Graded Exercise Testing
ECG interpretation and principles of cardiovascular exercise testing for low- and high-risk individuals. Prereq: 18HPE761. Credit Level: G. Credit Hrs: 3.00

18HPE763
Fitness Evaluation and Exercise Prescription
Fitness testing, writing exercise prescriptions, and implementing exercise programs for low- and high-risk individuals. Prereq: 18HPE762. Credit Level: G. Credit Hrs: 3.00

18HPE764
Issues in Exercise Physiology
An examination of current research trends and issues related to the field of exercise physiology. Credit Level: G. Credit Hrs: 3.00

18HPE781
Social and Behavioral Change in Public Health
Course content will include concepts and methods of social and behavioral sciences relevant to the identification and solution of public health problems. Emphasis will be on theories and models of behavioral sciences that are used in health promotion. Credit Level: G. Credit Hrs: 4.00

18HPE782
Resource Development and Fundraising
Techniques and skills for identifying sources of funding and developing proposals for external resources will be explored. Credit Level: G. Credit Hrs: 3.00

18HPE788
Pre-Research Seminar
A seminar course to examine and critique current health education research with a focus on helping students to identify research topics they may be interested in studying for their theses. Credit Level: G. Credit Hrs: 1.00

18HPE789
Research Methods for the Health Sciences
Survey of research methods and designs used in health/physical fitness/nutrition research, with a strong emphasis on thesis/dissertation proposal development. Credit Level: G. Credit Hrs: 3.00

18HPE791
Statistics for the Health Sciences
Descriptive statistics used in biomedical and health education investigations. Credit Level: G. Credit Hrs: 3.00

18HPE797
MPH Practicum
Supervised work experience in Public Health Education for students in the MPH Health Education Concentration that have completed their MPH coursework. Credit Level: G. Credit Hrs: 1.00-6.00

18HPE798
MPH Capstone
Supervised capstone project in Public Health Education for students in the MPH Health Education Concentration that have completed the MPH coursework. Credit Level: G. Credit Hrs: 1.00-6.00

College of Education, Criminal Justice, and Human Services

18HPE802
Internship, Health Promotion, and Education
Practical development and implementation of health programs in a community setting. Credit Level: G. Credit Hrs: 3.00-12.00

18HPE861
Health Education in Academia
To assist doctoral-level health education students learn about the expectations of academic faculty-level positions and provide strategies for obtaining faculty positions and succeeding in academia. Credit Level: G. Credit Hrs: 2.00

18HPE862
Philosophy and Ethics of Health Education
An exploration of philosophical and ethical issues surrounding health, health education, and health care in the United States. Case studies will be presented involving the AAHE/SOPHE Code of Ethics. Credit Level: G. Credit Hrs: 3.00

18HPE863
Health Communication
This course provides students with an in-depth understanding of how communication and health decisions/behaviors affect each other. Health communication theory, conceptual frameworks, strategies, and practical issues related to health promotion and education professional practices are addressed. Credit Level: G. Credit Hrs: 3.00

18HPE865
Health Counseling
An introduction to the counseling skills and theories used when working with clients in health education and health care settings. Credit Level: G. Credit Hrs: 3.00

18HPE871
Individual Study in Health
Individual research in health. For advanced students. May be repeated. Credit Level: G. Credit Hrs: 1.00-3.00

18HPE872
Readings in Health
Program of readings in research contributions in health. For advanced students. Credit Level: G. Credit Hrs: 1.00-3.00

18HPE880
Reading and Analyzing Health Education Research
This course will enable students to critique research in health promotion and education by identifying strengths and weaknesses of research design, understanding statistical methods, proper interpretation of statistical results, and recognizing the practical significance of research. Credit Level: G. Credit Hrs: 3.00

18HPE881
Conducting Research with Vulnerable and Minority Populations
This new course is designed to provide Health Promotion and Education PhD students with knowledge on the intricate and structured process of making research methodologies applicable and relevant when conducting studies with vulnerable populations. The course focuses on proven strategies, theories, and current practices in bridging the gap between mainstream research methodology and the needs and rights of special populations. Prereq: 18HPE789. Credit Level: G. Credit Hrs: 3.00

18HPE882
Survey Research
Overview of effective survey research methods in health education. Topics include survey design, implementation, sampling, data collection, response rate enhancement, survey data analysis, and research ethics. Prereq: 18HPE789. Credit Level: G. Credit Hrs: 3.00

18HPE883
Measurement in Health Education
Different measurement instruments in health education will be examined and critiqued. A major focus will be given to the skills necessary to develop new measurement instruments. A context of
Introduction to iPhone Programming will give the student a basic understanding of the skills needed to develop applications of the iPhone and iPod Touch. Through the use of iPhone SDK environment students will learn the basics of the iPhone API frameworks and gain knowledge of the tools and resources used in the programming of these mobile devices. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT060
PC Maintenance
This course is for the computer user in mind to troubleshoot their own PC. Topics in PC hardware and operating systems are covered to enable users to solve their own computer problems as they arise. These problems could span from computer accessories, performance, security, and issues surrounding Internet access. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT061
Windows Vista
Getting started and working efficiently with Windows Vista. Working with files and folders, personalizing Vista, installing and configuring devices. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT062
Windows 7
Getting started and working efficiently with Windows 7. Working with files and folders personalizing the operating system, installing and configuring devices. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT070
Setting Up a Home Network
This course deals with the basics of setting up a computer network for a home or small organization for internal use as well as Internet connectivity. It covers both wired and wireless network configurations, proper security implementation, and troubleshooting. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT080
Create Your Own Webpage
This course covers the basics of Web page creation and maintenance. Students will learn the skills necessary to design, implement, and maintain small Web sites. No previous background in this area is required other than basic computer literacy. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT090
Basic Keyboarding
A beginning course in typewriting/keyboarding including keyboard mastery, developing speed and accuracy, and simple document formatting. Taught on a personal computer. Out-of-class lab work required. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT091
Intermediate Personal Computer Keyboarding
Brief review of PC keyboard and techniques used in typewriting and computer entry; drills for improvement of speed and accuracy; review business: letters, forms, tabulations, and manuscripts. This course is part of Fundamentals cluster. Prereq: 32IT090. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT092
Word Processing Applications
A course intended for students who wish to learn the basics of word processing as well as intermediate features such as merging, etc. Students will use current popular software programs. Out-of-class lab work required. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT093
Presentations using Power Point
Creating effective and attractive presentations using MS PowerPoint. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT094
Spreadsheet Applications
A hands-on course intended for students who wish to learn the basics of spreadsheets. BoK: NA. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.
Information Technology

18IT094 Spreadsheet Applications
of computer spreadsheets applications as well as intermediate features such as data analysis, manipulation, and presentation. Students will learn to use spreadsheet application to impact data from and export data to other applications and databases. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT101 Computer Applications
A course in the use of the microcomputer in a professional business environment. This course includes an overview of hardware and software applications such as, the operating environment and the business software included in a typical office application (word processing, spread sheet and presentations). Hands-on active learning required. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT141 Business Computer Applications
A course in the use of the microcomputer in a professional environment. Overview of hardware and business software applications including operating environments, word processing, spreadsheets and electronic mail. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18IT142 Business Information Systems
A course focusing on the support and improvement of business processes through the use of information technology. This course includes coverage of database management systems, telecommunications, networking, presentation graphics, and systems design and development. A hands-on approach to problem-solving in the business environment. Prereq: 32IT141. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18IT160 Microsoft Windows
Practical hands-on experience in using some of the basic Windows applications. Windows is a graphical user interface which changes menu operating systems, so that the interface between the user and the program is in a more pleasant environment for visual detail. Course is a part of Fundamentals cluster. Section "707" is an "online" course. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT170 Introduction To Information Technology
An Introduction to the field of Information Technology that surveys topics related to software development, computer networking, databases, digital media, the internet and web technologies and who it is used to service the IT needs of an organization. The course also discusses professional skills required for IT professionals. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT171 Programming: Logic and Methods
The art and science of writing computer algorithms is introduced without reference to any specific computer language. Course relates logical and mathematical concepts such as truth tables and set theory to computer algorithm construction. Design and development of algorithms with the aid of structure charts, IPO charts, flowcharts and pseudo-codes will be emphasized. Concepts and program design for Object Oriented Programming will be introduced. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT181 Programming Logic & Methods (IT Technical Track)
This course is an introduction to the basic concepts of programming; control structures, sequence selection iteration; terminology such as operators, expressions, assignment, functions; data structures, simple and complex, data types, variables. This includes broader issues such as development concepts, software life cycle, programming steps, basic modeling with use cases and other relevant components of the Unified Modeling Language. Project work using examples based on Visual Basic is expected. The 171 version is designed for the business tract.

College of Education, Criminal Justice, and Human Services

Information Technology

18IT181 Programming Logic & Methods (IT Technical Track)
The 181 version was designed for the technical tract and introduces basic object-oriented concepts such as the following: encapsulation, polymorphism, inheritance. Course is part of the Fundamentals cluster. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT191 Introduction to Microcomputers I
A course in the use of the microcomputer in a professional environment. Overview of hardware and business software applications including operating systems, word processing, spreadsheets, electronic mail. Course is part of Fundamentals cluster. Section "707" is an "online" course. Prereq: 30IT150. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT192 Introduction to Microcomputers II
Advanced discussion of microcomputers in the business environment, including database management and presentation software. Attention paid to the exchange of information between systems. Course is part of Fundamentals cluster. Section "707" is an "online" course. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT200 Computational Concepts
The emphasis of the course is in the applications of computational concepts used specifically in information technology. Students are given a range of computational topics that lead to the understanding in and the application of how, why, and where these computational concepts are applied in information technology applications. Prereq: 32IT170, 32IT205, 32MATH179. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT205 Computer Programming I
This is the first programming course for students with no prior programming experience. It intends to provide an introduction to the fundamental concepts of composing and running a program using a current high-level programming language. Hands-on active learning required. Coreq: 32IT171. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT206 Computer Programming II
This course is a continuation of Computer Programming I. Students will learn to write programmer defined functions, work with data structures, read and write files to and from disk, and construct programmer defined class as well as import pre-defined classes to use in their programs using a current high-level programmable language. Hands-on active learning required. Prereq: 32IT205, 32IT170. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT207 Computer Programming III
This course is a continuation of Computer Programming II. Students will learn to work with pointers and/or reference variables and implement abstract data types. Additional libraries of classes will be included for discussion and usage in programs. Other object oriented programming concepts such as function/operator overloading, inheritance, overrides, polymorphism, and class templates will be discussed. Hands-on active learning required. Prereq: 32IT206. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT209 Introduction To Database
Introduction to Database system concepts and terminology with emphasis on relational database design. Hands-on active learning required. Prereq: 32IT170. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18IT211 Introduction To Operating Systems
Introduction to Operating Systems with emphasis on the UNIX operating system. Discussions of file system, file management,
Information Technology

18IT211
Introduction To Operating Systems
command language and shell programming. Hands-on active learning required. Prereq: 32IT101, 32IT170, 32IT205. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT215
Directed Study - Information Technology
A course designed for students who require individualized instruction in the information technology area. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18IT220
Fundamentals Of Web Development
Fundamentals of website design, creation, implementation and publication of websites using XHTML, Cascading Style Sheets and local and remote development tools. Web design process, the use of graphics development tools, and XML basics. Students will create a personal website on the University server and also a website for a community partner individually or in groups. Hands-on active learning required. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT230
Fundamentals Of Digital Media
Emphasizes the production of interactive presentations that incorporate graphics, sound, animation and video. Hands-on active learning required. Prereq: 32IT170. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT255
Visual Basic I
This course is an introduction and overview of Visual Basic, a Windows development product. Principal topics include the Visual Basic language and data types. Additional topics include forms, controls (labels, command buttons, text boxes and list boxes), events and properties (colors). Students are expected to develop case studies pertaining to the course objectives. Course is part of the Languages cluster. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT256
Visual Basic II
This course surveys advanced features of Visual Basic, a Windows development product. Principal topics include advanced Visual Basic language features as well as menus (pull-down, pop-up), advanced controls (dialog boxes, combo boxes, grids), error handling, object linking and embedding, graphics and data access. Students are expected to develop case studies pertaining to the course objectives. Course is part of the Languages cluster. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT257
Active Server Pages (Server Side Scripting)
This course presents Active Server Pages for Web application development based on the .NET architectural framework. The principal topics include server side scripting using active server pages (ASP), XML, Web Services, Web forms, Web controls and database applications using web client server technology. The course includes substantive project work. Course is part of Languages cluster. Prereq: 30IT251, 30IT255. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT274
Computer Hardware
Topics of discussion include, but are not limited to, installation, configuration and upgrading, diagnosing and troubleshooting, preventive maintenance, motherboards, processors, and memory; RAM, and printers. Hands-on active learning required. Prereq: 32IT170. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT275
Introduction to Networking
A broad course covering the spectrum of computer networking in the theoretical and practical frame- work. Students will learn such topics as network media, topologies, the OSI model, protocols, security, and
Information Technology

18IT309  
**Database Management**  
Database design using popular database packages. Tables, forms, queries, reports and building applications that automate database functions. Hands-on active learning required. Prereq: 32IT209. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT310  
**Applied Creativity**  
This course will introduce the students to systematic methods for creative problem solving. Students will learn about integrating their technical contents, their personal style, and their problem solving skills with a proven process to solve problems creatively. BoK: QR. Credit Level: U. Credit Hrs: 3.00

18IT311  
**Business Intelligence**  
Data warehouse design and implementation, OLAP cubes, data transformation, reporting services. Hands-on active learning required. Prereq: 32IT309. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT313  
**Information Security & Privacy**  
Information Security and Privacy is designed to give the student an introduction to some of the following security concepts: confidential, integrity, availability, authentication, and non-repudiation. This course first examines computer security and then moves on to the broader, more applicable issue of network security. Prereq: 32IT207, 32IT275. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT315  
**Systems Administration I**  
This course will provide the knowledge and hands-on skills necessary to manage a Local Area Network and its resources. Topics covered include server management, file and print services, disk management, system security, and user/client administration. Students will setup and manage a fully functioning computer network of systems. Hands-on active learning required. Prereq: 32IT275. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT316  
**Systems Administration II**  
Advanced study of systems administration in a computer network. This course will go beyond the basic study of systems administration into such areas as directory services, backup and recovery, clustering and load balancing, DNS, DHCP, and web services. Hands-on active learning required. Prereq: 32IT315. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT317  
**Network Infrastructure Development**  
An in-depth course covering the array of computer networking media and their associated components found in both LAN and WAN environments. Each media will be studied for its characteristics and students will obtain the skills for its implementation in the network. Physical cabling as well as wireless topics will be covered. This course utilizes a multitude of hands-on activities with various network media. Hands-on active learning required. Prereq: 32IT275. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT319  
**Network Security**  
This course covers the array of technologies and techniques to secure a computer network. Anticipation of network weaknesses then design the network infrastructure and policies to pre-empt potential attacks upon the network will be presented. Practical skills in router security, firewalls, virtual private networks (VPN), intrusion detection/prevention systems (IDS/IPS), and host-based security will be key components to the course. Hands-on active learning required. Prereq: 32IT317, 32IT313. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

H=University Honors course.

College of Education, Criminal Justice, and Human Services

Information Technology

18IT321  
**Client Side Web Development**  
Development of dynamic websites using current scripting languages for client-side development. The course involves understanding the difference between client-side and server-side web programming. Hands-on active learning required. Prereq: 32IT220. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT322  
**Data Representation Technologies**  
This course covers methods used to represent, store, and encode data for inter-operability and re-use between computer software systems. This includes methods of transforming data between representation formats and flexible presentation. The course covers a wide range of software tools to create representations, confirm compliance to representational formats, and to transform data between formats. This course requires active, hands-on learning. Prereq: 32IT321. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT324  
**E-Commerce**  
This course is designed to give students an understanding of the various types of eCommerce, implications and benefits of eCommerce, and the associated enabling technologies. The course will cover the requirements for developing an eBusiness, how to implement a website, Merchant accounts, interactive gateways, product management, security and the legal and ethical issues involved in eCommerce. The students will participate in a team project to design, and implement a complete B2B eCommerce website focusing on analysis and choice of enabling on analysis and choice of enabling technologies including single or multi-tier architectures. Hands-on active learning required. Prereq: 32IT421. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00
Data Warehousing

This course deals with advanced programming techniques and design issues relating to enterprise-wide development. Topics include advanced object-oriented programming and techniques, optimization techniques, multithreading, remote method invocation, system services, security techniques, how to use attributes, metadata, and reflection, and customization using current enterprise application development tools and development and design methodologies. The concentration will be on advanced features used for enterprise application development. Hands-on active learning required. Prerequisite: 32IT346. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

Web Administration

Installation, configuration and administration of commercial Web servers. Web servers, Internet security, firewall servers, proxy servers. The course covers domain creation, indexing, mail server processing, FTP, NNTP, and other protocols and an understanding of various responsibilities of web server administration. Students will have opportunities to learn how to set up web server administration. Students will have opportunities to learn how to set up a security policy, request a digital server certificate and how to administer intranet applications and web database applications. Students will also learn how to analyze various Internet/Intranet scenarios and how to suggest solutions using advanced Internet technologies. Hands-on active learning required. Prerequisite: 32IT275. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

Computer Forensics

This course introduces the learner to the concepts and techniques of computer forensics. Topics include detecting incident occurrence, data hiding through alternate data streams and steganography, incident preparation, incident response tools, scanners and sniffers, and developing a forensics methodology. Hands-on active learning required. Prerequisite: 32IT315. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

Date Structures & Algorithms

Data Structures deals with the systematic study of the most commonly occurring data structures and use of storage media in methods of representing structured data and the techniques and algorithms for operating on such data. Hands-on active learning required. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

Applied Data Structures

Applied Data Structures deals with the systematic study of the most commonly occurring data structures and their usage as a storage mechanism and a method representing structured data. The techniques and algorithms for operating on such data will be studied. Hands-on active learning required. Prerequisite: 32IT207. BoK: QR, NS. Credit Level: U. Credit Hrs: 3.00

Data Warehousing

Difference between OLAP and OLTP systems, designing a data warehouse, data transformation, creating and using cubes, querying cubes and applications. Hands-on active learning required. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00
18IT455 Management In Information Technology
General management techniques and specific issues and tools for project management in information technology. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT461 Special Topics in Networking
This course addresses technical advances in the area of Computer Networking that are not covered by other courses in the curriculum. Topics may change from one offering to the other depending on the current technological advances. Hands-on active learning required. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT462 Special Topics in Web Technologies
This course addresses technical advances in the area of Web Technologies that are not covered by other courses in the curriculum. Topics may change from one offering to the other depending on the current technological advances. Hands-on active learning required. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT463 Special Topics in Software Development
The course addresses technical advances in the area of Software Development that are not covered by other courses in the curriculum. Topics may change from one offering to the other depending on current technological advances. Hands-on active learning required. BoK: NS., QR. Credit Level: U. Credit Hrs: 3.00

18IT475 Programming for Mobile Devices
Developing and deploying applications for consumer and embedded devices and a survey of available technologies. Hands-on active learning required. Prereq: 32IT347. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT477 Database Design and Implementation
Design principles for both operational database systems and data warehouses, including normalization theory, ER diagramming theory and tools, data storage. Hands-on active learning required. Prereq: 32IT311. BoK: QR. Credit Level: U. Credit Hrs: 3.00

18IT478 Software Engineering I
Software engineering processes, methods, tools and techniques are introduced in a framework of requirements generation, problem definition, analysis, design, software architecture, testing and quality assurance. Team projects are included. Course is part of Software Development cluster. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT480 Database Administration
Installing and configuring database servers, database security, managing database files, disaster recovery plans, replication, monitoring and optimization. Hands-on active learning required. Prereq: 32IT309. BoK: NS, QR. Credit Level: U. Credit Hrs: 3.00

18IT483 Project Management
A survey of project management concepts as applied to information technology. Principal topics include project selection, planning and business strategy; project scheduling, costs and control; interpersonal, leadership and managerial skills; quality, risk, conflict and change management. Students are expected to complete individual and team projects. Course is part of Software Development cluster. Prereq: 30IT301, 30IT478. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18IT488 Routing & Switching
Students construct network segments and learn to link the segments together with routers and switches. Once networks are connected, issues such as network interoperability, real-time network analysis, and...
Information Technology

18IT553
Cellphone Forensics
analysis, reporting and courtroom testimony. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18IT554
Collaboration through Google Documents
This course will show you how to use google docs. Whether you are a team leader, coach, teacher, student organization or in any role where you need to collaborate with others using documents, spreadsheets, presentations, collect and share data, and so on. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18IT555
Using your iPad
This course will help you get the best out of your iPad. Whether you use it for entertainment, work, content creation, communication, or any other use. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

Literacy

18LTCY500
Phonics in Context
This course is designed to provide research-based and historical/cultural information about the teaching and learning of phonetics, phonics, word study, and spelling in relation to developing learners and a total reading program. BoK: NA. Credit Level: U, G. Credit Hrs: 5.00

18LTCY673
Phonetics and L2 Education
This course is an analysis of the sound system of English for diagnosis and instruction of pronunciation problems for ESL students. The main goal of the course is to equip participants with appropriate phonological knowledge to understand better the characteristic interference and transfer difficulties that ESL/EFL students bring to the second language learning context. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18LTCY674
Grammar and L2 Education
Analysis of the linguistic systems that constitute the English language and pedagogical applications of that analysis. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18LTCY701
Research in Second Language Acquisition
Application of social science contemporary research methods to the scientific study of the second language learning process, foreign language, and bilingualism. Credit Level: G. Credit Hrs: 3.00

18LTCY720
Theory Into Practice: Models of Literacy
Course studies the cultural and psychological bases of literacy. Stressing a process approach to literacy rooted in the social milieu of classrooms, the course applies theories to instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY727
Poetry for Children and Young Adults
Poetry is one of the most flexible genres available for use in classrooms as it can integrate content areas, be a model for writing, or simply enjoyed. Emphasis in this course is on gaining insight into the practical uses of poetry as well as writing it. Credit Level: G. Credit Hrs: 3.00

18LTCY728
Seminar: Literature for Young People
Offered even numbered years only. Seminar topics change from offering to offering and will address timely issues in respects to literature for children and youth. Participants will read, discuss strategies for text usage, and issues surrounding the texts use. Credit Level: G. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services

18LTCY730
Discourse Analysis
A guide to the understanding of natural language acquisition and ways in which language can be examined and conveyed to learners. Credit Level: G. Credit Hrs: 4.00

18LTCY731
Adult/International Practicum
Provides student teachers with the opportunity to put into practice their ideas about effective language teaching and learning within the context of an overseas teaching site. Credit Level: G. Credit Hrs: 1.00-15.00

18LTCY732P
Constructing Meaning from Text
Examines the various systems that readers and writers use to make meaning from text and how they orchestrate and integrate the various language systems. Also examines current methods for literacy instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY733P
Models of Literacy in Theory and Practice
This course approaches the study of basic processes from transactional, sociocognitive, psycholinguistic, and sociocultural perspectives to examine theories and models as the perceptual aspects of the reading process. Credit Level: G. Credit Hrs: 3.00

18LTCY734P
Cultural and Linguistic Dimensions of Literacy
This course analyzes social, contextual, and cultural influences on literacy and literacy learners. Credit Level: G. Credit Hrs: 3.00

18LTCY735P
Literacy Assessment and Instruction
This initial course examines a wide range of assessment and instructional methods to support K-12 literacy development of struggling learners. Credit Level: G. Credit Hrs: 3.00

18LTCY736P
Literacy Practicum I
This continuing course examines a wide range of assessment and instructional methods to support K-12 literacy development of struggling learners. Credit Level: G. Credit Hrs: 3.00

18LTCY737P
Literacy Practicum II
This final course examines a wide range of assessment and instructional methods to support K-12 literacy development of struggling learners. Credit Level: G. Credit Hrs: 3.00

18LTCY738P
Organizing a Comprehensive Literacy Curriculum
This course prepares students through foundational literacy knowledge, instructional strategies, evaluation, and professional development. Credit Level: G. Credit Hrs: 3.00

18LTCY751
Making Meaning from Text
Examines the various systems that readers and writers use to make meaning from text and how they orchestrate and integrate the various language systems. Also examines current methods for literacy instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY755
Assessing and Supporting Literacy Skills and Development
This course examines a wide range of assessment instruments and instructional methods to support the literacy development of K-12 struggling learners. The course stresses the application and interpretation of assessment tools and instruction within the context of individual differences and individual development. Also includes study in methods of communicating results to a wide variety of audiences. Prereq: 18LTCY720. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Literacy

18LTCY756 Remedial Reading: Remedial Techniques
Continued study of the theory and techniques of evidence-based diagnosis and remediation. Principles and activities of diagnosis and assessment of literacy difficulties. Examines procedures and materials for teaching students with literacy difficulties. Continued professional development of the reading specialist. Prereq: 18LTCY755, 18LTCY757. Credit Level: G. Credit Hrs: 3.00

18LTCY757 Literacy Practicum
This Practicum course has multiple themes: (a) reflective teaching and assessment, (b) teaching and learning with culturally and language diverse students, and (c) tutoring. Credit Level: G. Credit Hrs: 3.00

18LTCY758 Literacy Practicum II
This practicum builds on the first with further evidence-based techniques and research that address multiple themes: (a) reflective teaching and assessment, (b) teaching and learning with culturally and language diverse students, (c) practice-based tutoring, and (d) professional development of the reading specialist. Credit Level: G. Credit Hrs: 3.00

18LTCY771 Literacy as a Cultural and Linguistic Tool
Analysis of the social, community, and cultural influences on literacy and literacy learners. Focuses on creating socially and culturally responsive classroom practices. Examines issues of second language learning in the content of the regular literacy program. Credit Level: G. Credit Hrs: 3.00

18LTCY772 Topical Seminar in Reading
In-depth analysis of selected topics in literacy. May be adapted to meet the needs of particular school faculties. Credit Level: G. Credit Hrs: 3.00

18LTCY773 Linking Reading and Writing in Classroom Instruction
An exploration of reading and writing relationships with an emphasis on practical teaching strategies for classroom use, grades K-12. Credit Level: G. Credit Hrs: 3.00

18LTCY774 Teaching Literature of Ethnic-American Populations K-12
Offered odd numbered years only, this course explores the wealth of literature written by ethnic-American writers (African-American, American-Indian, Asian-American, and Hispanic-American) often excluded from anthologies. Pedagogical implications are explored. Credit Level: G. Credit Hrs: 3.00

18LTCY775 L2 Acquisition Theory
Theories of second language acquisition and their implications for development of ESL teaching methods. Credit Level: G. Credit Hrs: 3.00

18LTCY776 PreK-12 TESL Methods I: Principles and Procedures
Methods and techniques of teaching ESL in a variety of contexts. Prereq: 18LTCY775. Credit Level: G. Credit Hrs: 3.00

18LTCY777 PreK-12 TESL Methods II: Materials, Design and Development
Methods, curriculum, and materials development for ESL; techniques for testing and evaluation. Prereq: 18LTCY776. Credit Level: G. Credit Hrs: 3.00

18LTCY778 PreK-12 Teaching English as a Second Language Practicum
Supervised practice in teaching ESL. Prereq: 18LTCY777. Credit Level: G. Credit Hrs: 1.00-15.00

18LTCY779 Sociolinguistics and L2 Education
An overview of sociolinguistic factors affecting second language variation and acquisition: societal and individual influences on language choice, use, maintenance, and change. It examines some major topics such as variation of language, language attitudes and motivations, language policies and implications for TESL, and some of the major research methods in sociolinguistics. This course takes an ecological perspective to language teaching and learning. It encourages students to explore activities and communities of practice as units of analyses in their research. Credit Level: G. Credit Hrs: 3.00

18LTCY780P Theories of Second Language Acquisition
This course is designed to provide a general overview of scientific research into how students learn a second language as well as an essential point of reference for educators and researchers who facilitate the student's learning process. Second language acquisition (SLA) is a theoretical and experimental field of study which examines the phenomenon of language development and extends an understanding of the complex processes and mechanisms that drive language acquisition. Typical phases in SLA and stages in language development are discussed. Credit Level: G. Credit Hrs: 3.00

18LTCY781P Teaching Reading and Writing in ESL
This course is designed to explore the critical role of reading and writing in second language acquisition through an overview of theories on biliteracy as well as important components related to acquiring biliteracy. Basic processes in reading, common errors in L2 student's writing, steps in the writing process, developmental stages in reading and writing, various teaching strategies, and practical applications for second language pedagogy for different age groups are discussed and analyzed. Credit Level: G. Credit Hrs: 3.00

18LTCY782P Teaching Methods and Techniques for ESL
This course is designed to explore classroom strategies, instructional procedures, and pedagogical applications for ESL students in conjunction with research/evidence-based principles and second language teaching and learning. Each teaching strategy will be addressed from a theoretical perspective, and will exemplify the ideas to be used in practical classroom settings. Credit Level: G. Credit Hrs: 3.00

18LTCY783P Applied Linguistics: Phonology
This course is designed to examine comprehensive treatment of second language pronunciation pedagogy derived from current research, theory, and practice. It covers a detailed analysis of the sound system of American English, common stress patterns and intonations in speech, language, production, and research on the acquisition of second language pronunciation abilities as well as in-depth discussion of instructional issues. Credit Level: G. Credit Hrs: 3.00

18LTCY784P Evaluation and Assessment for ESL
This course is designed to equip candidates with the knowledge and skills to effectively assess and evaluate limited English proficient students' performance in English. It addresses current trends and linguistic issues and biases in measurement, understanding of concepts in assessment as well as formative and summative assessments. It also discusses a way to evaluate curriculum and materials within a framework for determining the effectiveness and appropriate uses for evaluations and assessments, including norm-referenced, curriculum-based, performance-based, and alternative assessments. Credit Level: G. Credit Hrs: 3.00

18LTCY785P Sociolinguistics for Teaching English as a Second Language (TESL)
This course is designed to examine multidimensional factors relating to...
Literacy

18LTCY785P
Sociolinguistics for Teaching English as a Second Language (TESL)
the relationship between language and society. The fundamental
can help link various polysemic, pragmatic, discourse aspects of
language and society, rhetorical registers, regional varieties of
communication as well as pragmatics, discourse and social
or cultural factors in human
communication as well as pragmatics, discourse varieties, aspects of
social and academic language, rhetorical registers, regional varieties of
language, bilingualism, pidgins and creoles, and issues of gender and
ethnicity. Credit Level: G. Credit Hrs: 3.00

18LTCY786P
Practicum in Teaching English as a Second Language (P - 12)
This course is an interface course that includes two interconnected
elements: a seminar and field experience. In the seminar, the current
governmental regulations related to the ESOL field, legal foundations,
professionalism, and socio-cultural and educational context for teaching
English language learners are discussed. The field experience
component ensures that candidates get experience instructing LEP-
identified students under the guidance of a TESOL endorsed mentor.
Credit Level: G. Credit Hrs: 3.00

18LTCY787P
Applied Linguistics: Morphology, Syntax, and Semantics
Focused on theoretical perspectives, major issues, and current
controversies, this course is designed to facilitate the candidate's
knowledge and understanding of the linguistic structure as a system,
including morphology, syntax, and semantics, in order to be effective
language teachers. It is a goal of this course that the candidates use
knowledge of these interrelated aspects of language as they support
ESL students' acquisition/learning of English. Credit Level: G. Credit
Hrs: 3.00

18LTCY800
Lifelong Literacy Learning and Professional Development
This course studies professional development in teachers and other
literacy professionals. The course examines classroom inquiry, teacher
collaboratives, and professional networks as vehicles for improving
practice and creating professional communities, as well as models of
best practice and their impact on teachers and student learning. Credit
Level: G. Credit Hrs: 3.00

18LTCY801P
Fundamentals of Postsecondary Literacy Instruction
Examines postsecondary literacy instruction from historical, theoretical,
and pedagogical perspectives. A required course for the Certificate in
Postsecondary Literacy Instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY802P
Methods of Postsecondary Literacy Instruction: Focus on Reading
Methods and techniques of literacy instruction at the postsecondary
level with a focus on teaching reading. A required course for the the
Certificate in Postsecondary Literacy Instruction. Credit Level: G. Credit
Hrs: 3.00

18LTCY803P
Practicum in Postsecondary Literacy Instruction
Students apply theories and instructional methods in postsecondary
reading and writing by engaging in supervised teaching experiences in
a classroom setting. A required course for the Certificate in
Postsecondary Literacy Instruction. Prereq: 18LTCY802P. Credit Level:
G. Credit Hrs: 3.00

18LTCY804
PreK-12 Teaching English as a Second Language: Assessment, Evaluation and Testing
Application of contemporary research to methodologies and measures for
accurately assessing and linking assessment and instruction in pre-
K-12 graders, adults, and international college students learning ESL.
Credit Level: G. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services

Literacy

18LTCY805P
Reading and Writing Processes at the Postsecondary Level
Examines various theories of reading and writing processes as they pertain to postsecondary literacy instruction. A required course for the Certificate in Postsecondary Literacy Instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY806P
Methods of Postsecondary Literacy Instruction: Focus on Writing
Methods and techniques of literacy instruction at the postsecondary
level with a focus on teaching writing. A required course for the Certificate in Postsecondary Literacy Instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY807P
Projects in Postsecondary Literacy Instruction
Intensive focus on a variety of aspects of postsecondary literacy
instruction integral to candidates' development as knowledgeable
instructors. A required course for the Certificate in Postsecondary
Literacy Instruction. Credit Level: G. Credit Hrs: 3.00-6.00

18LTCY808P
Postsecondary ESL Literacy
Addresses issues in English as Second Language literacy instruction at
the postsecondary level. A required course for the Certificate in
Postsecondary Literacy Instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY809P
Postsecondary Literacy: Second Language and Society
Focuses on issues of language, dialect, culture, and society through the
tools of postsecondary literacy instruction. A required course for the
Certificate in Postsecondary Literacy Instruction. Credit Level: G. Credit
Hrs: 3.00

18LTCY850
Miscue Analysis
Study of miscue analysis procedures and research; application of
miscue analysis for reading assessment and instruction; exploration of
reading as a constructive and transactive process of meaning making.
Credit Level: G. Credit Hrs: 3.00

18LTCY865
Content-based L2 Education: Theory, Research, and Practice
This course is designed for people interested in teaching English as a
Second Language (TESL) and people who have English as a Second
Language (ESL) students in their regular classes in K-12 and adult
contexts. Students will learn theories, research, and strategies for
teaching English language and subject-matter content simultaneously.
Credit Level: G. Credit Hrs: 3.00

18LTCY867
Bilingual Education: Theory, Research, and Practice
This course focuses on the philosophical, theoretical, and educational
applied modes of cognitive and language development that use bilingual education as a method of instruction. Credit Level: G. Credit
Hrs: 3.00

18LTCY868
Teaching and Assessing College English as a Second Language: Reading and Writing
This course will present and combine current theories and approaches to ESL reading and writing. Multiple perspectives address issues relevant to researchers, teacher educators, in-service ESL educators, curriculum designers, program administrators, and mainstream composition and reading teachers. Credit Level: G. Credit Hrs: 3.00

18LTCY869
Teaching and Assessing College English as a Second Language: Oral
The course covers major issues related to oral communication in North American classroom, campus, and social contexts. Students will have opportunities to read and discuss recent works of representative scholars and current trends and issues, as well as theory and research.

H=University Honors course.
Literacy

18LTCY869
Teaching and Assessing College English as a Second Language: Oral
and explore best practices in teaching college ESL. Credit Level: G.
Credit Hrs: 3.00

18LTCY870
Research in Computer Assisted Language Learning
This course is a review and discussion of the history of Computer Assisted Second Language Acquisition (CASLA), the context and challenge for CASLA and CALL, and principles and procedures of CALL evaluation and assessment. Other topics include CALL research, CASLA design and application, and the future of CASLA. Credit Level: G. Credit Hrs: 3.00

18LTCY871
Individual Study in Literacy
Designed to provide advanced graduate students opportunities for individual, in-depth analysis of topics not fully addressed in the courses currently offered in the graduate program. Credit Level: G. Credit Hrs: 1.00-6.00

18LTCY872
Readings in Literacy
Designed to provide advanced graduate students opportunities for further in-depth study of and extensive reading in selected topics in the field of literacy. Credit Level: G. Credit Hrs: 1.00-6.00

18LTCY873
Individual Master’s Thesis: Literacy
Research and writing on an approved topic. In lieu of comprehensive examination. Credit Level: G. Credit Hrs: 1.00-9.00

18LTCY874
Individual Master’s Project: Literacy
Writings on an approved topic which culminates in a product that can be used by professionals in the field of literacy. In lieu of comprehensive examination. Credit Level: G. Credit Hrs: 1.00-6.00

18LTCY875
Professional Portfolio: Literacy
A portfolio of the candidate’s work that provides evidence she/he has met the International Reading Association’s Standards for Reading Professionals. In lieu of comprehensive examination. Credit Level: G. Credit Hrs: 1.00-3.00

18LTCY878
Seminar: Survey of Research in Reading
Critical appraisal and discussion of classical and current studies in the research and teaching of reading. Credit Level: G. Credit Hrs: 3.00

18LTCY879
Seminar: Current Issues in Literacy
Investigation and analysis of current approaches, materials, issues, and problems in the process of acquiring literate behavior. Credit Level: G. Credit Hrs: 3.00

18LTCY880
Principles of Organizing a Literacy Curriculum
Planning, implementing, and supervising literacy programs. Credit Level: G. Credit Hrs: 3.00

18LTCY881
Seminar: Research on Writing Instruction
Explores two major themes: (1) historical and current research on writing development and the teaching of writing, and (2) current approaches to writing instruction in K-12 classrooms. Credit Level: G. Credit Hrs: 3.00

18LTCY882
Language and Emergent Literacy
Examines research on young children’s reading and writing development from several disciplinary perspectives (e.g., psychology, linguistics, education); explicates significant implications for pre-K-2 literacy instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY883
Language and Emergent Literacy
Examines research on young children's reading and writing development from several disciplinary perspectives (e.g., psychology, linguistics, education); explicates significant implications for pre-K-2 literacy instruction. Credit Level: G. Credit Hrs: 3.00

18LTCY901
Frameworks for Literacy Research
Analysis of current theoretical frameworks for literacy research; exploration of links between theoretical frameworks for research and literacy practices in communities and schools. Credit Level: G. Credit Hrs: 3.00

18LTCY902
Guided Literacy Research I
Application of frameworks for literacy research to literacy research in social settings; analysis of methods for gathering and analyzing language and literacy data; explorations of genres of literacy research writing. Credit Level: G. Credit Hrs: 3.00

18LTCY903
Guided Literacy Research II
Further application of frameworks for literacy research to literacy research in social settings; continued analysis of methods for gathering and analyzing language and literacy data; exploration of genres of literacy research writing. Credit Level: G. Credit Hrs: 3.00

18LTCY910
Foundations of Research in SLA
This course, the first of a three-course doctoral sequence, examines the historical trends, theoretical frames, and research traditions undergirding research in SLA. We also explore qualitative and quantitative research paradigms, review research studies in SLA, and initiate a pre-dissertation research experience. Credit Level: G. Credit Hrs: 4.00

18LTCY911
Advanced Study of Research in SLA
This course, the second in a three-course doctoral sequence, examines the political, social, and philosophical issues which affect our field, particularly in relation to bilingualism, language planning, and language policy. Credit Level: G. Credit Hrs: 4.00

18LTCY912
Focused Research in SLA
This course, the third of a three-course doctoral sequence, examines the issue of power, language, culture, and identity. Participants will explore these issues within the framework of their own research. Credit Level: G. Credit Hrs: 4.00

18LTCY921
Mentored Research in Literacy I
Apprenticeship experience in the design and conduct of literacy research. Credit Level: G. Credit Hrs: 3.00

18LTCY922
Mentored Research in Literacy II
Apprenticeship experience emphasizing data collection and analysis in the conduct of literacy research. Prereq: 18LTCY921. Credit Level: G. Credit Hrs: 3.00

18LTCY923
Mentored Research in Literacy III
Apprenticeship experience emphasizing data analysis and reporting the results of literacy research. Credit Level: G. Credit Hrs: 3.00

18LTCY930
Advanced Seminar in Literacy I
Selective topics seminar at the doctoral level. Topics may vary by instructor and quarter. In general, topics related to literacy and TESL. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
This course is part of a series of middle school math education shadow courses that correspond to math content courses taken during cohort. Measurement and geometry are often only given limited attention by many mathematics teachers. Yet, they are often the most used mathematical topics in the "real world." A goal of this course to encourage you, as a pre-service teacher, to incorporate rich measurement and geometry concepts in your classroom. To do this, the course takes an in-depth look at measurement and geometry by addressing students' conceptual development of these topics, student misconceptions related to these topics, and teaching ideas and problem-solving activities to enhance students' understanding in these areas. Prereq: 15MATH307, 15MATH309, 18MDL327, 18MDL329, Coreq: 15MATH309. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18MDL500 Phonics in Middle School
This course is designed to provide research-based and historical/cultural information about the teaching and learning of phonetics, phonics, word study, and spelling in relation to developing learners and a total reading program. BoK: NA. Credit Level: U, G. Credit Hrs: 5.00

18MDL501 Opening School Experience - Teaching Associate in Middle School
Participation in a middle school professional practice school classroom from the opening day of the public schools until the first day of UC's autumn quarter. BoK: NA. Credit Level: U, G. Credit Hrs: 2.00

18MDL502 Field Experience I Middle School
Practicum experience in a middle school classroom. Prereq: 18MDL521, 18MDL525. BoK: NA. Credit Level: U, G. Credit Hrs: 2.00

18MDL503 Field Experience: TA: I
This is the second of three field experiences during the Internship year. Done in the same site as the Opening School Experience and the 10-week Internship. Candidates are in schools with their mentor teachers for three half-days each week. BoK: SE., HP. Credit Level: U, G. Credit Hrs: 3.00

18MDL511 Middle School Organization and Practices
Addresses the unique needs of middle level students in the context of their physical, social, emotional, and intellectual needs. Required for students seeking to be admitted to the Middle Childhood Education program. BoK: NA. Credit Level: G, U. Credit Hrs: 3.00

18MDL515 Classroom Management: Middle Childhood
Designed to develop the ability to create and maintain a positive learning environment in the middle childhood classroom. Strategies for effective teaching, which will include issues of diversity, will be emphasized. Attention will be given to analyzing, resolving, and preventing managerial problems. Reflective teaching strategies will be presented. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18MDL521 Foundations of Literacy: Middle School
Theoretical underpinnings of literacy instruction in middle school classrooms. BoK: NA. Credit Level: U, G. Credit Hrs: 4.00

18MDL522 Literacy II: Assessment and Evaluation
Discussion of a variety of assessment strategies and how these should be integrated with instruction in a middle school. Prereq: 18MDL521.
### Middle Childhood Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credit Hrs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>18MDL522</td>
<td>Literacy II: Assessment and Evaluation</td>
<td>Provides an overview of reading in the content areas, including particular curricular approaches and literacy strategies to use in middle school content classrooms. Prereq: 18MDL503. BoK: NA. Credit Level: U. Credit Hrs: 3.00</td>
<td></td>
</tr>
<tr>
<td>18MDL523</td>
<td>Literacy III: Reading in the Content Areas</td>
<td>This course provides participants with an overview of reading in the content areas, including particular curricular approaches and literacy strategies to use in middle school content classrooms. Prereq: 18MDL503. BoK: NA. Credit Level: U. Credit Hrs: 3.00</td>
<td></td>
</tr>
<tr>
<td>18MDL524</td>
<td>Principles and Practices: Language Arts</td>
<td>This course exposes students to methods for teaching language arts in the middle school setting for licensure. It will also include instruction on how to work with modifications. Prereq: 18MDL521, 18MDL525. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL525</td>
<td>Improving Reading Using Literature</td>
<td>Course focuses on children’s reading and its role in classrooms. Current theories and methods about integrating literature into all curriculum areas will be discussed and demonstrated. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL531</td>
<td>Principles and Practices Science</td>
<td>Provides the basic perspective and skills necessary to teach science in the middle grades. Required for middle childhood education students whose area of concentration is science. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL541</td>
<td>Principles and Practices: Social Studies</td>
<td>Provides the basic perspectives and skills necessary to teach social studies in the middle grades. Required for Middle Childhood Education students whose area of concentration is social studies. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL551</td>
<td>Middle School Mathematics I</td>
<td>Addresses the unique needs of middle school students as they are acquiring competence in mathematics. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL561</td>
<td>Middle School Capstone Seminar</td>
<td>This course holistically measures Middle Childhood Education candidates’ professional behaviors and competencies through tasks designed for reflection, synthesis, and application of pedagogical information acquired during their studies in middle school education. BoK: NA. Credit Level: U. Credit Hrs: 4.00</td>
<td></td>
</tr>
<tr>
<td>18MDL601</td>
<td>Portfolio Development I: Middle Childhood</td>
<td>This course is designed to have each Middle Childhood preservice teacher prepare a professional portfolio during the Internship year. The portfolio needs to be in two forms: electronic (on a CD) and paper. Prereq: 18MDL503. BoK: NA. Credit Level: U. Credit Hrs: 1.00</td>
<td></td>
</tr>
<tr>
<td>18MDL602</td>
<td>Portfolio Development II: Middle Childhood</td>
<td>This course is designed to have each Middle Childhood preservice teacher prepare a professional portfolio during the Internship year. The portfolio needs to be in two forms: electronic (on a CD) and paper. Prereq: 18MDL503. BoK: NA. Credit Level: U. Credit Hrs: 1.00</td>
<td></td>
</tr>
<tr>
<td>18MDL644</td>
<td>Internship I: Middle Childhood</td>
<td>All Interns accepted by schools will be placed to complete a year-long Internship experience in grades 4-9. This experience will be on the first day the public schools open after summer vacation (generally in the third week of August). Prereq: 18MDL503. BoK: NA. Credit Level: U. Credit Hrs: 2.00-20.00</td>
<td></td>
</tr>
</tbody>
</table>

---

H=University Honors course.  
Paralegal Studies

18PARA258
Litigation III
Practical applications of the skills and procedures learned in Litigation I, II. Focus on trials. Prereq: 18LGTN257. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA260
Basic Legal Principles
Processes of legal reasoning through studying four substantive areas of law affecting business: criminal law, contracts, real property, torts. Uses the case analysis approach to learning the law. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA261
Legal Research I
Provides the student with an understanding of the law library as well as the use, organization, and interrelationships of the various legal research tools. Skill in researching various legal problems is provided. Prereq: 18LGTN260. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA262
Legal Research II
Clear, concise legal writing style is developed. Students apply basic research skills learned in Legal Research I. Drafting of legal memorandums and legal briefs is emphasized. Students will learn to draft letters, opinions, and other legal documents. Prereq: 18LGTN261. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA270
Tax Law for Paralegals
Theory and practice of local, state, and federal income taxation; does not include corporate tax work. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA271
Bankruptcy and Debt Collection
The study of consumer bankruptcy and legal procedures for the collection of debt and judgments. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA272
Administrative Litigation
Prepares the paralegal to advise and represent clients as permitted by the various state and federal administrative agencies. Preparation of documents, preparation of clients and witnesses, as well as oral advocacy before these agencies. Actual simulation with administrative hearing. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA275
Corporate Law and Business Organizations
Various forms of business entities designed to acquaint the student with their formal structure, processes, and operations. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA280
Real Estate for Paralegals I
In-depth study of interests in real property, studying various types of real estate transactions and conveyances such as deeds, contracts, leases, etc. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA290
Paralegal Practicum
The student will gain practical supervised experience as a paralegal prior to seeking employment in law or law-related offices. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA321
Interviewing and Investigation for Paralegals
In-depth study of principles, methods, and investigative techniques utilized to locate, gather, document, and disseminate information. Emphasis on developing interviewing and investigating skills which prepare paralegals to communicate effectively while recognizing ethical problems. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA380
Tax Law for Paralegals
Theory and practice of local, state, and Federal income taxation; does not include corporate tax work. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA401
Advanced Legal Research and Writing
Improve practical legal research/writing skills learned in Legal Research I & II. Develop ability to put into written form results derived from identification/analysis of legal issues. Enhance word processing skills to facilitate production of a legal document, pleading, memorandum of law, or brief. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA402
Trademarks, Patents and Copyrights
This course will focus on statutory and common law rights dealing with intellectual property. This includes trademarks, which exist to identify and to distinguish products and services in the marketplace; copyrights, namely rights in literary, artistic, musical, dramatic, and sound and movie recordings and patents; exclusive rights granted to inventors. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA410
Introduction to Law Practice Management
This course will introduce students to the management of law firms and the unique challenges they face because of the roles nonlawyers have in an organization of professionals. It will discuss the structures within the firm and about working with people who fill those structures. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18PARA419
Alternate Dispute Resolution
Provides a description and overview of dispute resolution mechanisms, including litigation, voluntary arbitration, negotiation, and mediation. Introduces student to the basic skills needed to begin to mediate with parties in conflict. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA421
Legal Ethics and Professional Responsibility
This course will introduce students to the types of ethical dilemmas that they will face once in the work force, and to methods for researching the answers to ethical dilemmas. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18PARA471
Advanced Paralegal Seminar
This is an advanced paralegal course to challenge the student to integrate knowledge of theoretical concepts and practical application of legal research, litigation, property, torts, and business law through case analysis and the completion of writing assignments. BoK: NA. Credit Level: U. Credit Hrs: 3.00

Professional Seminar

18PRFS125
FYE College Survival Skills
This course is a First Year Experience course designed to help the freshman student navigate the University system. Topics include: financial aid, registration, study skills, time management, computer skills, and career selection. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18PRFS126
First Year Service Learning
This is a First Year Experience course for freshmen in the College of Education, Criminal Justice, and Human Services. The course will incorporate service learning to enhance the knowledge of the student's specific major and provide real life experience. The course is intended to encourage students to access resources across the university and within the college as well as provide a real life experience in their chosen field. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

H=University Honors course.
Professional Seminar
18PRFS127
FYE Steps to Success
This is a First Year Experience course for freshmen who are on probation after their first quarter in college. It is designed to help the student identify why he/she is on probation and what changes need to be made. Emphasis is on developing reading and writing skills, time management, and goal setting. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18PRFS210
Early Childhood Learning Community Orientation
This course will allow students to review the requirements for being successful. Students will develop goals to help them be successful and learn problem solving skills. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS211
CDA Credential Course 1 - Theory 1
Study of child development theories and how they are applied in the early childhood setting. Topics and issues regarding culture, ability, gender, and socio-economic diversity are studied. Theoretical and practical aspects of planning appropriate programs. CDA resource file work. BoK: NA. Credit Level: U. Credit Hrs: 1.00-5.00

18PRFS212
CDA Credential Course II - Theory II
This course deals with behavior management of children in group settings. BoK: NA. Credit Level: U. Credit Hrs: 1.00-5.00

18PRFS213
CDA Credential Course III - Curriculum I
Early childhood curricula is studied in light of the information on child development studies in previous classes. Literacy (reading and writing development), developmentally appropriate art and music curricula, and the purpose and planning behind dramatic play will be emphasized. Family involvement practices and assessment procedures will be infused throughout the coursework. Prereq: 18PRFS211, 18PRFS212. BoK: NA. Credit Level: U. Credit Hrs: 1.00-5.00

18PRFS214
CDA Credential Course 4 - Curriculum II
Curriculum in early childhood will continue to be examined, particularly with regard to math and science. Students will write lesson plans for specific areas that include objectives for learning concepts and early academic skills. They will learn how to plan, implement, monitor, assess, and modify an integrated curriculum that will foster social development and accelerate positive outcomes for young children. Prereq: 18PRFS213. BoK: NA. Credit Level: U. Credit Hrs: 1.00-5.00

18PRFS221
Assessment And Diagnosis in Addictions
This course covers clinical assessment and diagnostic process in additions. The key elements of making a good assessment, self-assessment, use of assessment tools, interviewing techniques, impediments to the assessment process, and the use of a multidimensional assessment approach are covered. Includes use of the "decision tree" diagnostic thinking process and basic use of the multiaxial system in the DSM-IV, with concentration on addictive and compulsive behavioral categories. Includes an understanding of various diagnostic instruments. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS302
Neurobiology And Neuroendocrinology of Addictions
This course provides an understanding of the basic anatomy and physiology of the neuron and synapse. Students will understand specialized brain formations which sub-serve pain, pleasure, and motor coordination. Neurotransmitters, agonists, and anti-agonists affecting brain receptors will be studied, as related to drug impingement activity. Mood and behavioral factors associated with drug and neurotransmitter interactions and neuroendocrinology of hormones will be studied. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS304
PARKS & RECREATION: PROFESSIONAL INTERNSHIP PROJECT
The Professional Intern Project is an approved and directed demonstration project in a qualified recreation or park agency. Students will be introduced to the concept of applied research in the field of leisure. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS305
Developmental Domains of Infants and Toddlers
This course will broaden our knowledge of how young children move through three distinct stages and where they stand developmentally. This understanding will strengthen the ability to provide responsive, reciprocal, and respectful care. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS410
Recreation and Leisure Programming
This course covers the fundamentals of recreation and leisure programming, philosophy, and goals, and translating goals into activities and evaluation. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS411
Recreation Arts Programming
This course focuses on developing lesson plans for age appropriate activities in a recreation setting. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS412
SIRI Pre-K
This course deals with reading and literacy instruction for preschool through kindergarten-aged children. BoK: NA. Credit Level: U. Credit Hrs: 1.00-10.50

18PRFS413
Infant and Toddler Development
This course covers the curriculum and process of infant and toddler development, including emotional, social, motor, language, and cognitive development. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS415
English as a Second Language: Academic Reading and Writing I
Students will develop the ability to read and comprehend texts on various academic topics with an emphasis on extensive reading and the enhancement of critical thinking skills. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS416
English as a Second Language: Academic Reading and Writing II
Students will continue to develop the ability to read and comprehend texts on various academic topics with an emphasis on extensive reading and the enhancement of critical thinking skills. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS500
ESL - Beginning Assessment and Testing in ESL
This course covers the objectives and methods for accurately assessing and linking assessment and instruction for K-12 culturally and linguistically diverse students in the public schools. The class is designed for classroom aides. BoK: NA. Credit Level: U. Credit Hrs: 1.00-6.00

18PRFS501
Accommodations and Modifications for ESL Students
This course covers the specific strategies and techniques to facilitate the learning of English by ESL students in content classrooms. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-10.00

18PRFS502
Stress Management Online
Online undergraduate and graduate course designed to examine the entire field of stress management: etiology, personality, and disease; stress patterns in work and other environments; physical and mental responses. Students must register their email addresses and use
Professional Seminar

18PRFS502 Stress Management Online
Blackboard. Course entirely online. Part-time students should register for the 880 section. If section 707 is full and a full-time student registers for section 880, the student will be charged part-time tuition in addition to the full-time tuition. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS503 Proportional Reasoning
Addresses the mathematics of proportional reasoning as described by the NCTM Principles and Standards for School Mathematics. Focuses on the expectations for middle school students. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS505 ESL - Second Language Acquisition and the ESL Student
This course provides conceptual and practical understanding of effective second language methodology and curriculum planning for limited English proficient students. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS506 OMAP Measurement and Geometry and Spatial Sense
The Ohio Mathematics Program (OMAP) focuses on the deep mathematical content that teachers need for high quality middle grade instruction. This class covers content in measurement, geometry, and spatial sense. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS507 OMAP Data Analysis and Probability, and Number Sense and Operations
The Ohio Mathematics Academy Program (OMAP) focuses on the deep mathematical content that teachers need for high quality middle grade instruction. This module covers data analysis and probability, as well as number sense and operations. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS508 Ohio Early Learning Content Standards: Science
This module explores the teacher's role in supporting young children's early concepts of science. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS509 Conflict Resolution
An online web-based course. The course surveys theories of conflict resolution and their application in educational settings. Two sections, with section 705 for part-time students. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS511 Thinking Strategies and Instruction
Reading must be about thinking and constructing meaning. It is much more than pronouncing words. Researchers today define reading as a complex, recursive thinking process. Improve student comprehension, introduce thinking strategies, provide practical materials, apply learning. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS512 Effectively Supporting Diverse Backgrounds
The object of this course is to increase cross-cultural competence in assessment, instruction, and learning. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS513 Special Topics in Music Education
Professional development class on various topics related to music education including curriculum, instruction, assessment, and best practices. Designed for in-service teachers engaged in Pre-K-12 music education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

College of Education, Criminal Justice, and Human Services

Professional Seminar

18PRFS514 Ohio Early Learning Content Standards: Mathematics
This module explores the teacher's role in supporting young children's early concepts of numbers and early addition and subtraction. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS515 Global Education
This online course will help experienced students understand what Global Education is, how to review and critique a lesson plan, and how to incorporate Global Education into lesson plans. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS516 Ohio Early Learning Content Standards Integrating Curriculum
This course supports teacher inquiry, community building, project documentation, responsive environments, play, intentional teaching and incidental learning opportunities, and assessment and accountability in early childhood environments. It is approved by ODE and offered to non-matriculated students as professional development. It is not open to CECH Early Childhood students unless by special permission. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS517 OELCS Individualized Education Plan and Curriculum
This module will begin with the young child's view point on curriculum, proceed to a discussion on the relationship between curriculum and OELC standards, and conclude with an exploration of how the IEP can be used as a tool to access that curriculum for young children with disabilities. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-10.50

18PRFS518 Service Learning for Peace Education
This service learning class concentrates on instructional strategies that connect classrooms to communities, enhance academic achievement, encourage civic responsibility, and serve as an instrument of peace. Students will construct lesson plans, learn to build partnerships, and deepen their understanding of social justice. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS519 English as a Second Language - Students in the Mainstream
This seven-lesson course aims to prepare teachers to work more effectively with English language learners in mainstream classes. Providing English language learners with appropriate instruction and support in the mainstream classroom takes extra time and effort but the payoff is worth it. Not only do ELL students benefit, so does the rest of the class. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS520 Technology Academic Content Standards
This course provides an understanding of the Technology Standards implemented for classrooms by the Ohio Department of Education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS521 Leisure & Aging
Students will demonstrate knowledge of Ulyssesan Adulthood and identity stereotypes and myths about aging and demographic trends. Students will define leisure and its role in successful aging, as well as examine the needs of the community and explore the development of the service industry. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS522 Recreational Sports Programming
Students will understand the concepts and applications of effective sports programming and administration. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS523 Developing Business and Education Programs
This course will identify and assess effective ways to identify activities and build partnerships to improve school programs and instruction. Often offered as part of regional and state conferences. BoK: NA. Credit...
College of Education, Criminal Justice, and Human Services
Professional Seminar
18PRFS535 Special Education Curriculum Design & Instruction
NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS536 The Learning Centered Classroom
Strategies for dealing with diverse classrooms in terms of gender, grade level, academic skills, and ethnicity in order to promote student learning. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS537 Montessori Overview
Montessori principles will be discussed, with emphasis on the concept of sensitive periods, developmental stages, three modes of learning, the three period lesson, and the nomenclature cards used in early research. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS538 Special Education Team Collaboration
Team efforts and collaboration concerning special education in the schools. BoK: SE. Credit Level: U, G. Credit Hrs: 1.00-3.00

18PRFS539 Teaching Reading and Writing
This course addresses facilitating the literacy development and reading and writing skills for diverse learners in the inclusive classroom, preschool through primary grades. An emphasis is on the relationship between language and communication development and literacy and interdisciplinary approaches, grounded in the Ohio Academic Content Standards. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS540 Teaching Reading and Writing II
This course addresses facilitating the literacy development and reading and writing skills for diverse learners in the inclusive classroom, middle and secondary grades through adulthood. An emphasis is on literacy related to functional skills and transitions, and literacy and interdisciplinary approaches, grounded in the Ohio Academic Content Standards. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS541 Special Topic Pre-K-12
Special topics in the Pre-K-12 setting. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00

18PRFS542 Individuals with Learning Disabilities
Identification, assessment, educational approaches, educational service alternatives, interactions in the home and classroom, and current issues and trends with regard to children, youth, and adults with learning disabilities are covered in this course. In addition, student characteristics and instructional implication of various disabilities related to learning styles and rates are addressed. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS543 Effective Planning and Professional Practices in Early Childhood Special Education
This course will allow teachers to examine appropriate intervention planning and instruction models for children on IEPs who are between the ages of 3 and 5 years old. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS544 Supporting Differing Learning Styles
This course allows educators to develop curriculum that meets the diverse learning needs of their students. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS545 Teaching Geometry Using Technology K-2
Effective planning and teaching methods for geometry units that integrate the use of technology. For K-2 teachers as inservice or preservice. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

H=University Honors course.
Montessori Methods (Advanced) - Structure and Organization
This advanced course explains the secondary Montessori classroom structure and organization, curriculum development, teaching methodology, field studies, and curriculum integration. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

Teaching Geometry Using Technology K-2
Effective planning and teaching methods for geometry units that integrate the use of technology. For K-2 teachers as inservice or preserve. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

Computer Applications Class for Teachers
The goal of this course is to acquaint the teacher with Microsoft Office, with particular emphasis on Microsoft Word, Access, and Excel. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

Introduction to Computers
The goal of this course is to acquaint the teacher with Windows, the internet, email, and educational software packages. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Standards-Driven Curriculum
Standards-driven curriculum is part of a sequenced professional development program for teachers. Teachers are introduced to a design process that they can use to write rigorous and complex extended student work units. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

Critical Thinking Skills Online
Online course. A course designed to assist teachers developing critical thinking skills in their students to attain information literacy. Covers the information search model in an online environment. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

Literacy Principles and Practices: Leadership
Principles and current practices in literacy education and leadership. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

Special Education Literacy
This course examines literacy and literacy instruction in the special education field. BoK: DC. Credit Level: U, G. Credit Hrs: 1.00-3.00

Elements of Instruction
This course is a study of the practical applications of learning theory in the classroom. Participants explore the latest in brain research, as well as "best practice" ideas for managing classroom time. BoK: G. Credit Level: U, G. Credit Hrs: 1.00-6.00

Connecting Family, Community, and Schools
This course will instruct participants on how to develop strategies to increase family and community involvement in their schools. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

New Teacher Induction (Online)
The course provides support in classroom management, transitioning to the teaching environment, and methods that lead to an increased rate of retention for highly qualified teachers to develop school-wide structures and strategies based on effective schools research. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

New Teacher Induction (Online) Live Support Sessions
This course focuses on issues and topics for new classroom teachers in an interactive online environment. Topics vary with classroom conditions. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

Montessori Methods (Advanced) - Structure and Organization
This advanced course explains the secondary Montessori classroom structure and organization, curriculum development, teaching methodology, field studies, and curriculum integration. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

H=University Honors course.
Professional Seminar

18PRFS568 Developing Mathematical Ideas
This course explores how students experience mathematics, focusing on the reasoning processes - a shift from the mechanical use of algorithms. Written and videotaped case studies will be analyzed as students perform the four basic operations. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS569 Internet Searching and Researching
This course introduces concepts and methods related to searching the internet, comparing search engines, and using internet content effectively in instruction. An online course. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS570 Autism Spectrum Disorder
This course instructs teachers how best to communicate and teach students who are on the Autism Spectrum. The importance of using visual supports to encourage student learning will be emphasized. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS571 Special Topics in Social Studies
Seminars in special topics related to teaching Social Studies in various grades K-12. May be offered online. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS572 Online Student Courses
This course will help teachers gain an understanding of the purposes and benefits of online courses for students. Teachers will also have the opportunity to explore policy issues associated with offering online student courses. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS574 Data Driven Decisions for Instruction
Data collection and analysis as the basis of instructional decisions are examined. Includes data definitions, collection, graphing, and trend analysis. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS575 Social Studies: U.S. Studies
This course will instruct teachers how to actively align their curriculum to the U.S. Social Studies standards. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS577 Designing Online Courses
This course will teach students how to develop courses for use in an online environment. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS578 Standards-Based Education for General Music Education
Students will learn standards-based strategies for effectively engaging students from diverse socio-economic, ethnic, cultural, and ability backgrounds, using an Orff-based approach, to increase student academic performance through concept-based learning. Correlation between fine arts and core content area concepts will be emphasized. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS579 Conflict Resolution
This course helps educators understand how to teach conflict resolution skills and empower students to resolve conflicts. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS580 Bridging Learning Theory in the Classroom
This course discusses ways to combine various theories in classroom teaching. Theories include behaviorism, cognitivism, constructivism, and brain-based learning. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

College of Education, Criminal Justice, and Human Services

Professional Seminar

18PRFS581 Understanding Student Motivation
This course allows teachers to encourage a sense of belonging and success for every student. Teachers will learn the differences between extrinsic and intrinsic motivation and will learn ways to elicit motivation by addressing the basic needs of all children. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS582 Teacher Behaviors that Promote Assessment for Learning
This course examines the teacher behaviors that promote quality assessment. Those behaviors include fairness, clarity, pride, and student centered planning. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS584 Student Understanding and Achievement
This course allows teachers to understand what is needed in a classroom in order to promote student understanding and achievement, as well as how to establish positive teacher-student relationships. Teachers will also learn the importance of safe and affirming learning environments. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS585 Administration of ECE Settings
This course will instruct students on the history and theories of administration and the role of administrators in public services. Students will learn about the jobs of administrators and what opportunities they will have in administration. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS589 Management in ECE Settings
This course focuses on skills needed to support the day-to-day implementation of practices and standards that uphold the provision of quality services. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS590 Reading and Writing Workshop: Teaching Reading, Writing and Learning Strategies
This course is designed to explore the reading and writing workshop approach to instruction in a standards-based classroom. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS591 Instructional Strategies: Students with Mild to Moderate Educational Needs
An introduction to concepts and issues related to the teacher's ability to demonstrate an in-depth knowledge base in individual learning differences. The teacher will understand how students differ in their approaches to learning and create adapted learning opportunities. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS592 Individual Education Plans
This course covers the multiple requirements for Individual Education Plans that are designed for special needs students, so that they will have access to, be involved in, and make progress in a general education curriculum. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS593 Students With Disabilities
Examines the standards-based education impact on the development of Individualized Education Programs for students with disabilities. Also looks at statewide assessments such as the Ohio Graduation Test. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS594 Teacher Evaluation System
Course participants will develop and demonstrate individualized professional growth plans and methods for documenting and benchmarking their professional growth. Plans will be showcased in a culminating presentation. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>18PRFS594</td>
<td>Teacher Evaluation System</td>
<td>4.00</td>
<td></td>
</tr>
<tr>
<td>18PRFS597</td>
<td>Second Language Acquisition</td>
<td></td>
<td>This course covers elements of second language acquisition for English learners. It includes the acquisition process, misconceptions of second language proficiency, communicative and cognitive demands, and language instruction. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS598</td>
<td>Evaluating a Science Fair</td>
<td></td>
<td>This course will provide active teachers with the knowledge, tools, and resources to evaluate science fairly relative to student, teacher, and school administration participation. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS599</td>
<td>Grant Writing</td>
<td></td>
<td>Students will learn how to successfully develop a grant. The goal of this course is to develop a building-based leadership team for successful grant writing. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS600</td>
<td>Teacher Evaluation Systems: Comprehensive Appraisal</td>
<td></td>
<td>This course exposes practicing teachers to issues surrounding setting high expectations, understanding poverty, and culturally-relevant teaching in urban schools. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS605</td>
<td>Math Grades 6-8</td>
<td></td>
<td>This course covers the four arithmetic operations and considers how children develop meaningful approaches to the operations. Students learn to analyze thinking processes and guide children in learning computation. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00</td>
</tr>
<tr>
<td>18PRFS611</td>
<td>Teaching Communication Skills</td>
<td></td>
<td>This course develops critical communication skills for instruction and student relationships. Special attention is paid to effective utilization of technology and online communications. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS612</td>
<td>The Online Learning Environment</td>
<td></td>
<td>Introduction to basic concepts of the Internet and utilization of its content in classroom lessons. Includes completion of an Internet-based lesson plan and classroom website for lesson management. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS613</td>
<td>Developmental Psychology: Middle Childhood thru Adolescence</td>
<td></td>
<td>Topics include the physical and cognitive development extending from the middle childhood through adolescent years. Also includes implications for instruction. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00</td>
</tr>
<tr>
<td>18PRFS614</td>
<td>Mentoring and Coaching in Early Childhood Education</td>
<td></td>
<td>Mentoring and coaching in early childhood education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS615</td>
<td>Reading in the Content Areas</td>
<td></td>
<td>Seminar course covering specific topics for reading in the content areas. May be offered online. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS616</td>
<td>Art-Music in ECE</td>
<td></td>
<td>Methods and techniques in art and music integration in early childhood education. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00</td>
</tr>
<tr>
<td>18PRFS619</td>
<td>Urban Teacher Leaders in STEM</td>
<td></td>
<td>This course exposes practicing teachers to issues surrounding setting high expectations, understanding poverty, and culturally-relevant teaching in urban schools. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-9.00</td>
</tr>
<tr>
<td>18PRFS622</td>
<td>Phonics</td>
<td></td>
<td>This course addresses the teaching and learning of phonetics, phonics, word study, and spelling in relationship to developing learners in a diverse and inclusive classroom setting. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS623</td>
<td>Environmental Education</td>
<td></td>
<td>Topics in environmental education for teachers. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS624</td>
<td>The Inclusion Classroom</td>
<td></td>
<td>This course examines the principles of inclusion in classroom settings. It includes preparation, implementation, strategies, and assessment, all within the framework of No Child Left Behind. An online class. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS625</td>
<td>Science Activity for Middle School</td>
<td></td>
<td>This course implements science curriculum and activities across the middle school curriculum. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00</td>
</tr>
<tr>
<td>18PRFS626</td>
<td>Mentor Training and Instructional Efficiency</td>
<td></td>
<td>Mentor training and improved instructional effectiveness in the schools. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-9.00</td>
</tr>
<tr>
<td>18PRFS627</td>
<td>Designing Performance Assessment</td>
<td></td>
<td>The course addresses multiple issues of designing performance assessment targets, tasks, and scoring tools in a manner that assures quality. An online course. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS628</td>
<td>Contemporary Issues</td>
<td></td>
<td>Contemporary issues in education and training. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00</td>
</tr>
<tr>
<td>18PRFS629</td>
<td>Teacher Academy Practicum</td>
<td></td>
<td>A practicum experience for teachers who are guiding the classroom experiences of high school students who participate in the Teacher Academy vocational development program. Only open to Teacher Academy classroom teachers. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-9.00</td>
</tr>
<tr>
<td>18PRFS630</td>
<td>Cognitive Coaching</td>
<td></td>
<td>Mentor teachers will be trained to coach new teachers to grow as individuals, focusing on efficacy, flexibility, craftsmanship, consciousness, and interdependence. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
<tr>
<td>18PRFS631</td>
<td>Managing Challenging Behavior</td>
<td></td>
<td>This course addresses approaches to challenging student behaviors through influencing factors analysis and intervention approaches. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
</tr>
</tbody>
</table>

H—University Honors course.
18PRFS632 Cultural Diversity
This course is one of a series of topical seminars in cultural diversity in an educational setting. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS635 Professional Learning Communities
Designed for in-service teacher leaders and curriculum personnel in a K-12 setting. Examines strategies for creating and maintaining professional learning communities and whole faculty study groups. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS639 Improving the Learning Environment
Topic classes that address various ways in which teachers can improve the teaching and learning environment. Special attention is given to ways in which teachers can intervene and effectively modify student behaviors to improve achievement. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS646 Supervised Field Clinical Experience (Alternative Licensure)
Teaching experience in supervised conditions. A planning, performance, and reflection cycle is used to cause candidates to become aware of factors that influence instruction. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS647 Computer Programs for Teachers
The goal of this class is to acquaint participants with the computer programs that are applicable to classroom instruction, student record maintenance, and communications. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS648 Language Development
This course is a survey of language development, including factors influencing development and learning, effects of disabilities on language development and learning, and the relationship of language and literacy emergent through adolescence. The role of cultural diversity and limited English proficiency will also be discussed. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS649 Chemistry and Forensic Science for Teachers
Teachers will learn how chemistry can help with understanding how a product works. Teachers will also learn basic forensic techniques including document analysis, soil analysis, blood analysis, and drug analysis. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS650 Human Learning
An introduction to the analysis of learning and teaching as it occurs in educational settings. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS651 Montessori Secondary Structure and Organization
This course examines program models and curriculum development at the secondary level. State and local standards are integrated with the Montessori Philosophy at the secondary level. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS652 Montessori Erkdinder
Students will form a strong community through seminars on stewardship and sustainability, shared work projects, and activities that illustrate the cycle of life and death. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS653 NBPTS from Start to Finish
A series of workshops to provide teacher mentors with additional training to support the development of new mentors. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS655 NBPTS: Pre-Candidate Program
During an intensive week-long institute, teachers develop an understanding of core concepts associated with this assessment process. They develop an understanding of the standards and the role they play in the assessment process. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS660 NBPTS: Advanced Candidate
National Boards (NBPTS) advanced candidate seminar. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS662 NBPTS Start to Finish - Course #2
The second of two courses providing the cognitive and collegial support for teachers to qualify for National Board (NBPTS) certification. Prereq: 18PRFS653. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS663 Special Topics Math
Special topics in math education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS664 Special Topics in Science Education I
Special topics in science education, first course. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-7.00

18PRFS665 Special Topics in Science Education II
Special topics in science education, second course. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-7.00

18PRFS666 Cooperative Discipline
This course will address causes of student misbehavior and help participants develop strategies to deal with student discipline in a positive and cooperative manner. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS669 Conducting Classroom Walk-Throughs
This course trains teachers and principals to improve achievement in their schools using the walk-through procedure. Content includes specific actions and activities that will enhance the quality of student learning and achievement. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00

18PRFS671 Math: Advanced Concepts Grades 6-12
Course is designed for teachers who are oriented toward the middle school math. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS672 SBE Earth and Space Sciences OSCI Institute
The Ohio Science Institute improves student achievement in Standards-Based Education (SBE) through teacher development related to understanding science content and process standards, developing inquiry learning approaches, meeting the needs of all students, creating assessments, and applying technology. This course concentrates on earth and space science. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS673 SBE Physical Sciences OSCI Institute
The Ohio Science Institute improves student achievement in Standards-Based Education (SBE) through teacher development related to understanding science content and process standards, developing inquiry learning approaches, meeting the needs of all students, creating assessments, and applying technology. This course concentrates on physical science. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

H=University Honors course.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>BoK</th>
<th>Credit Level</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>18PRFS673</td>
<td>SBE Physical Sciences OSCI Institute</td>
<td>inquiry learning approaches, meeting the needs of all students, creating assessments, and applying technology. This course concentrates on physical sciences. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td>DC</td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS674</td>
<td>SBE Life Sciences OSCI Institute</td>
<td>The Ohio Science Institute improves student achievement in Standards-Based Education (SBE) through teacher development related to understanding science content and process standards, developing inquiry learning approaches, meeting the needs of all students, creating assessments, and applying technology. This course concentrates on life sciences. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS675</td>
<td>Education and the Framework of Poverty</td>
<td>This course is designed to equip teachers to help students from poverty achieve success in the school and workplace. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td>DC</td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS676</td>
<td>Special Topics in Mathematics and Science Education</td>
<td>This series of classes examines topical areas in mathematics and science education including curriculum content, instructional strategies, and standards-based education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td>DC</td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS677</td>
<td>Earth Science in Education</td>
<td>This course is designed to allow teachers to explore issues related to earth science and earth science education through an intensive, hands-on experience. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS678</td>
<td>OISM Year One</td>
<td>First year training modules for intervention-based services. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td>DC</td>
<td>U</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS679</td>
<td>OISM Advanced</td>
<td>Basic teaching in special education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-5.00</td>
<td></td>
<td>U, G</td>
<td>1.00-5.00</td>
</tr>
<tr>
<td>18PRFS680</td>
<td>Special Education Initiatives</td>
<td>Current initiatives in special education. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS683</td>
<td>Substitute Teaching</td>
<td>Students will learn to be prepared, knowledgeable, and able to manage classroom behavior in short-term and long-term substitute teaching assignments. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS684</td>
<td>Helping Struggling Readers</td>
<td>Teachers will learn strategies to help struggling readers. Phonemic awareness, vocabulary, and making meaning will be discussed. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>U, G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS685</td>
<td>Mathematics Investigations K-6</td>
<td>Course focuses on best practices, math concepts, and math understanding, which will lead to strengthened content knowledge, math pedagogy, and lesson comprehension. The outcome of this course is alignment among test requirements, course of study objectives, and teaching/learning behavior. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>G</td>
<td>1.00-6.00</td>
</tr>
<tr>
<td>18PRFS686</td>
<td>Connected Mathematics Grades 6-8</td>
<td>This course introduces the content of the Connected Mathematics program and prepares teachers to teach the program at their grade level. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00</td>
<td></td>
<td>G, U</td>
<td>1.00-6.00</td>
</tr>
</tbody>
</table>

H=University Honors course.
18PRFS717  
Classroom Management: Building Relationships for Better Learning  
This course instructs teachers on ways to build solid, working relationships with their students in order to maintain a positive, constructive working environment in the classroom. BoK: NA. Credit Level: G, U. Credit Hrs: 1.00-6.00

18PRFS718  
Conflict Resolution  
This course instructs teachers on how to handle conflict between students in a classroom setting. Teachers will learn how to become mediators and the various approaches to be used when becoming involved in resolving conflicts. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PRFS504  
Student Health Program  
Students will learn how to structure a coordinated approach, begin to investigate the change process, find resources to support school health efforts, and create an action plan for implementation. Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS510  
SERRC: Effective Teaching  
Effective teaching strategies in special education. Credit Level: G. Credit Hrs: 1.00-5.00

18PRFS602  
Cooperative Learning in the Classroom  
This course will provide specific cooperative learning structures that work in all grade levels. Participants will examine the rationale and research for cooperative learning and be provided with dozens of cooperative learning structures that participants can use immediately. Topics include: team formation, seating arrangement, team building, class building, social skills, classroom management, and cooperative learning structures. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS603  
INSTRUCTIONAL MENTORING  
THIS COURSE IS DESIGNED FOR MENTOR TEACHERS WHO HAVE PARTICIPATED IN THE TRANSITIONAL RESIDENT EDUCATOR PREPARATION IN ANTICIPATION OF OHIOS RESIDENT EDUCATOR PROGRAM Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS604  
RESIDENT EDUCATOR MENTOR TRAINING  
THIS COURSE IS DESIGNED FOR NEW MENTOR TEACHERS WHO ARE REQUIRED TO PARTICIPATE IN OHIOS RESIDENT EDUCATOR PREPARATION TRAINING Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS607  
Advanced Topics in Literacy  
Current topics in literacy education. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS608  
CAREER PATHS TO TEACHING  
THIS COURSE IS FOR MASTERS TEACHERS WHO ARE WORKING WITH HIGH SCHOOL STUDENTS IN OHIOS TEACHING PROFESSIONS PROGRAMS. ACTIVITIES INCLUDE MODELING LESSONS, CREATING LESSON PLANS, REFLECTION OF WORK, AND WRITING PORTFOLIO ENTRIES. Credit Level: G. Credit Hrs: 1.00-9.00

18PRFS620  
Advanced Topics Science, Mathematics and Engineering  
Various current topics in science education. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS621  
Perceptions of Teaching  
Students will understand the public perceptions of what goes on in schools and will develop strategies to overcome the hurdles that accompany the profession of teaching. Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS634  
Introduction to Teaching GCT - Gifted, Creative, Talented  
General introduction to the education of children. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS636  
Algebra Content and Pedagogy for Middle Grade Teachers  
This course will examine ideas of algebra content and pedagogy for teaching algebra in the middle grades. It will explore adult level algebra problems and algebra problems appropriate for middle grade students. It will experience, read about and discuss teaching algebra content. Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS637  
GCT Instructional Strategies  
Develop knowledge and understanding of the legal aspects and policy considerations for individuals who may be gifted, creative, or talented. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS638  
Legal Aspects of GCT - Gifted, Creative, Talented  
Develop knowledge and understanding of the legal aspects and policy considerations for individuals. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS640  
GCT Collaboration and Consultation  
Students will understand services, networks, and organizations for individuals, use group problem skills, communicate to schools about the needs of gifted people, and communicate effectively with families of gifted individuals from diverse backgrounds. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS643  
Cultural Diversity and Families of Children  
Develop knowledge, understanding, and respect for the needs and requirements of students with diverse learning needs in various educational settings. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS644  
GCT Practicum Teaching Children and Youth Who are Gifted  
Develop and maintain a relationship with the mentor and other members of the team, and interact in the role of instructor to students. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS645  
Developmental and Learning Sciences  
Developmental Science (a collaborative of social, psychological and biobehavioral disciplines) focuses on individual functioning dynamic change. Learning Science focuses on how to best facilitate learning in real-world settings, and includes the design and evaluation of new forms of instruction Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS654  
Special Topics Special Education Curriculum  
Various topics in special education and the curriculum. Credit Level: G. Credit Hrs: 1.00-3.00

18PRFS656  
Special Topic Learning Style  
Issues surrounding learning styles in staff development and the schools. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS657  
Seminar Higher Education  
Current issues in higher education for the teacher. Credit Level: G. Credit Hrs: 1.00-3.00

H=University Honors course.  
Professional Seminar

18PRFS667
Montessori Pedagogy of Place
Pedagogy of Place gives students a chance to experience real field studies within their own disciplines. During this class, teachers will learn to design their own experiential courses. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS668
Montessori Curriculum Development
Participants in this class will re-examine the models and curriculum presented in Curriculum Development. Implementing procedures for student accountability within the classroom and beyond will also be discussed. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS690
Special Topic Special Education
Special topics of interest in special education. Credit Level: G. Credit Hrs: 1.00-3.00

18PRFS692
Special Topics Collaborative Teaching
Special topics and issues in teaching collaboratively. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS699
NBPTS Summer Institute
Developing and understanding the standards of accomplished teaching of the NBPTS. Credit Level: G. Credit Hrs: 1.00-5.00

18PRFS700
Designing Performance Assessments
This course discusses various types of performance assessments, as well as techniques for creating them. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS701
Toward Equity in Achievement
This course will help leaders explore what it means to strive for equity in achievement and will provide insight about education policies. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS702
Advanced Cognitive Coaching
Teachers will be trained to be in-house trainers for the foundation level of Cognitive Coaching. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS703
SIRI Pre-Kindergarten Reading Instruction
State Institute for Reading Instruction, covering topics as a framework for conceptualizing early childhood learning and development. Credit Level: G. Credit Hrs: 1.00-10.50

18PRFS704
Transitional Residence Educator Preparation
A course meant to support leadership development in the schools. Credit Level: G. Credit Hrs: 3.00

18PRFS705
State Institute for Reading Instruction (SIRI): Adolescent Literacy
This course provides teachers with foundational knowledge about adolescent literacy development, effective classroom reading instruction, and reading strategies within the Ohio Educational Standards and assessment system. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS706
Readings in Literacy: Literacy Specialist Project
A graduate literacy course, CORE, which focuses on literacy specialists’ standards and assessment system. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS707
Response to Intervention (RTI) Fundamentals
Response to Intervention (RTI) gives schools an opportunity to intervene early and change identification practices. This course covers the fundamentals, including federal law, history, research, implementation, and evaluation. An on-line class. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS710
Supervising Paraeducators in Your Classroom
This course deals with working with paraprofessional instructional aides in the classroom and in tutoring situations. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS711
Creating and Sustaining Professional Learning Centers
This course will investigate how contemporary school leaders communicate and collaborate with all stakeholders to promote improved student learning. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS712
Bullying: Let’s Break the Cycle
Students will investigate the three components of an effective bullying definition; the effect of bullying on stakeholders’ perspectives; strategies that support the bully; and identify successful intervention programs. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS713
Montessori Practicum
Practicum will provide supervised teaching/learning experience and a period of observation, internalization, and further study, to bring together the theory and practice of Montessori Education. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS715
Montessori Curriculum Development
This four-day institute providing foundational knowledge and skills about reading development, effective classroom reading instruction in five essential components, differentiated instruction, and the state standards and assessment system. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS709
Student Portfolios
This course examines various uses of a portfolio and the benefits of using it in the classroom. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS724
Integrating Technology, Multimedia, and Curriculum
Provides skills and experiences for integrating the use of technology and multimedia tools in curriculum for school-based staff. Credit Level: G. Credit Hrs: 1.00-5.00

H=University Honors course.
Professional Seminar

18PRFS724  Integrating Technology, Multimedia, and Curriculum
Provides skills and experiences for integrating the use of technology and multimedia tools in curriculum for school-based staff. Credit Level: G. Credit Hrs: 1.00-5.00

18PRFS725  Seminar and Assessor Training
This course is designed strictly for veteran teachers who have been selected by their school districts to become assessors. They will understand the assessor's role in licensure as well as pass the APT to become assessors for the state. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS727  Application Based Instruction: Pathwise Training
This training is to provide teachers with a working knowledge of the Pathwise framework. This will allow mentors to develop good observation skills, provide objective feedback and suggestions, as well as prepare entry-year teachers for Praxis III. Credit Level: G. Credit Hrs: 1.00-5.00

18PRFS728  Seminar in Teaching Language Arts
Seminar in topics related to teaching language arts. Topics vary with each seminar. Credit Level: G. Credit Hrs: 1.00-5.00

18PRFS729  Seminar in Standards-Based Curriculum
A series of seminars related to topics in standards-based curriculum and its effect on curriculum design and instructional strategies. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS730  Cooperative Grouping Strategies
This course is designed to help teachers involve students in the process of active, rather than passive, learning techniques. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS731  Strategic Reading in the Middle Years
Teachers will learn to teach strategic reading skills including strengthening comprehension skills, methods for scaffolding, and increasing vocabulary skills. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS732  Managing Literacy Learning Situations
This course will instruct teachers on how to design learning centers aligned to Ohio Literacy standards. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS733  Strategic Instructional Design
This course focuses on teacher behavior in two areas: effective lesson design and quality instructional practices. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS736  A TEACHING FRAMEWORK
IDENTIFY ASPECTS OF TEACHER RESPONSIBILITIES THAT EMPIRICAL STUDIES HAVE DEMONSTRATED AS PROMOTING IMPROVED STUDENT LEARNING. THIS WORK IS DIVIDED INTO FOUR DOMAINS OF TEACHING: PLANNING AND PREPARATION, CLASSROOM ENVIRONMENT, INSTRUCTION, AND PROFESSIONAL RESPONSIBILITIES. Credit Level: G. Credit Hrs: 1.00-9.00

18PRFS737  Mathematics Professional Development
Students examine how children learn mathematics, research instructional strategies that improve student learning, and learn how to teach mathematics with problem solving as a primary focus. Credit Level: G. Credit Hrs: 1.00-5.00

College of Education, Criminal Justice, and Human Services

Professional Seminar

18PRFS738  Engaging Activities to Motivate Your Students
Teachers will be presented with strategies and activities toward teaching in a standards-based Social Studies classroom. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS739  Engaging Activities Across All Standards
Teachers will be presented with strategies and activities toward teaching standards in American history, government, economics, and geography. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS740  Transforming Students from Academic Consumers to Producers
This course will instruct teachers to help prepare students for the OAT test. Teachers will learn to teach cross-curricular strategies. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS741  Crafting Curriculum
This course focuses on guiding curriculum development questions and examines the way in which instruction and assessment are supported by the curriculum. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS742  STEM Education Topics
Discussions in science, technology, engineering, and math. Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS743  Literacy
This course will help teachers develop techniques to support literacy development. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS744  Phonics & Reading
Teachers will learn the fundamental principles and concepts to teach reading. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS745  Transitioning from Secondary to College Level Writing
This course will instruct teachers in ways to increase and improve writing skills of secondary students. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS746  Using Personal Finance to Enhance Learning in Mathematics
Teachers will learn to help students better understand math skills as they relate to personal finance decisions. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS747  German Art Expressionism
This course takes an in-depth look at German Expressionism, an art movement which occurred in pre-war Germany between 1900 and 1914. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS748  Learning Strategies
Students will understand that the two main memory systems govern different types of learning. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS749  Secondary Teaching Methods: Science
This course focuses on frameworks for thinking about instructional goals in the field, suitable instructional models and practices, values issues associated with the field, as well as pedagogical requirements uniquely associated with science subject matter. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS750  School Leadership
Issues in leadership in the schools. Credit Level: G. Credit Hrs: 1.00-6.00

H=University Honors course.
18PRFS751 Teaching Calculus
This course addresses derivatives: graphical, numerical, and algebraic points of view; derivatives of the basic functions; and applications of differentiation. It also covers antiderivatives, integrals, definite integrals, integration, and infinite sequences. Credit Level: G. Credit Hrs: 1.00-9.00

18PRFS752 Advanced Topics in Gifted, Creative, or Talented Education
This course addresses topics in teaching children who are gifted, creative, or talented. This course requires special arrangements with the instructor. Call 556-2496 to make those arrangements. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS753 Secondary Teaching Methods: Mathematics
This course focuses on frameworks for thinking about instructional goals in the field, suitable instructional models and practices, values issues associated with the field, as well as pedagogical requirements uniquely associated with mathematics subject matter. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS754 Human Development: Adolescent
Topics in this course include principles, issues, and selected theories associated with development in middle childhood and adolescence. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS755 Mathematics Curriculum
This course prepares students to understand the measurement and evaluation aspects of teaching. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS756 Science Curriculum
This course prepares students to understand the aspects of teaching in the field of science. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS757 Calculus
Selected topics dealing with various functions, systems of linear equations, limits and derivatives will be presented, developed, and practiced. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS758 Topics in Probability and Statistics
Several mathematical topics underlying the mathematical approaches to probability and statistics will be presented, developed, and practiced. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS759 Fundamentals of Algebra with Geometry Topics
Selected topics dealing with various areas fundamental to the study of algebra, including related topics in geometry, will be presented, developed, and practiced. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS760 Technology Seminar
Seminar in current technology and its use in the classroom. Credit Level: G. Credit Hrs: 1.00-3.00

18PRFS762 Response to Intervention Models
This class focuses on implementation of school-wide intervention practices. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS763 Children's Authors on the Web
Introduces the basic concepts of author studies and how they can support and enhance student reading and writing. Locates and utilizes author studies available on the web. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS764 Creating and Sustaining Professional Learning Communities
This course instructs educators and administrators to accurately identify and meet the ever-changing needs of each student. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS765 Counselor's Academy
This course instructs support staff in various public K-12 settings to meet the needs of the students and families they are helping. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS766 Internship
An Internship experience applied to an identified area of professional development, most often associated with licensure or an endorsement. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS769 Teaching Young Children With Learning Disabilities
This course will introduce methods and strategies for teaching young children with learning disabilities. Credit Level: G. Credit Hrs: 1.00-3.00

18PRFS770 Application-Based Instruction
Current applications and their use in instruction. Credit Level: G. Credit Hrs: 2.00-3.00

18PRFS771 TALL: Teacher Academy for Leaders and Learners in Mathematics Education.
This course will instruct specialists and support staff in public K-12 settings to work with students and families in the area of mathematics education. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS772 Understanding Educational Organizations
This course is the study of organizational theories and their application within education. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS773 Assessment and Intervention for Early Childhood
This course covers foundations in theory, assessment, and intervention techniques for early childhood and preschool intervention. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS774 The Brain
Students will explore the physical aspects of the brain and consider its role in emotions, memory, reasoning, planning, and problem solving. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS775 Exploring the Jewish Experience
This course is designed for teachers in Jewish and non-sectarian schools who are responsible for teaching Jewish studies subjects, topics, and themes through texts, films, and literature. Credit Level: G. Credit Hrs: 1.00-12.00

18PRFS776 Analysis of Student Work
This course is intended to assist school-based mentors, university-based supervisors, interns, and new teachers in the analysis of student work. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS777 Introduction to Instructional Mentoring
This course is intended for educators wishing to become mentor teachers in K-12 schools. Emphasis will be on strategies for creating successful, collegial relationships between the mentor/mentee pairing. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS778 Digital Media and Inquiry: 21st Century Tools for Teaching about Society
Professional Seminar

18PRFS778
Digital Media and Inquiry: 21st Century Tools for Teaching about Society
This course will provide educators with tools for using digital media, dynamic content, and inquiry based practices to engage in today's students in critical thought about the role of individuals in a diverse, global society. Credit Level: G. Credit Hrs: 1.00-10.00

18PRFS779
Cognitive Functions
The goal of this class is to provide pre-service teachers with information on how individuals learn, in order to influence how they think about, structure, and deliver instruction in the classroom. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS780
Evidenced-Based Practices in Early Intervention for Pre-K Special Needs Endorsement Licensure
A licensure only class in methods and management techniques in providing appropriate developmental experiences for children with disabilities in groups of typically developing children. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS781
Preschool Education and Issues for Early ChildhoodSpecial Education Teachers
This course will provide special education personnel with a thorough understanding of the tenets of preschool education philosophy, curriculum, and instruction for all children. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS782
Phonics II
This course is designed to provide research-based and historical/cultural information about the teaching and learning of phonetics, phonics, word study, and spelling in relation to developing learners and a total reading program. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS783
Reflection in Teaching
Participants will give thoughtful consideration to the ways in which they now engage in professional work. They will also identify personal priorities and resources for making a credible difference in education through their practice. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS790
Academic Writing for Education Professionals
This course is designed for graduate students who are required, in their coursework and/or professional work to: (1) evaluate scholarship; (2) write annotated bibliographies, literature reviews, conference abstracts, posters & papers, book reviews, professional journal articles, syllabi, or theses; and (3) who feel they need instruction/practice/experience in academic writing. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS802
Contemporary Issues in American Education
Contemporary issues and topics in the American education system. Credit Level: G. Credit Hrs: 3.00

18PRFS804
Assessment, Evaluation, and Testing in ESL
This online course deals with the application of contemporary research in methodologies and measurement for accurately assessing and linking assessment and instruction in pre-K-12 culturally and linguistically diverse students learning ESL. Discussion of the effect of culture, language, and socioeconomic status on the assessment of ESL learning and achievement and the evaluators' and teachers' attitudes toward diagnosis and instructional recommendations for ESL populations will be emphasized. Credit Level: G. Credit Hrs: 1.00-6.00

College of Education, Criminal Justice, and Human Services

Professional Seminar

18PRFS893
Ethics in Educational Leadership
This course is designed to introduce students to a variety of theories of ethical thought and their relationship to educational leadership. Through exposure to multiple ethical modes of thought, the students are invited to reflect upon their own ethical positions and apply them directly to critical dilemmas. Credit Level: G. Credit Hrs: 1.00-6.00

18PRFS950
Superintendency
A course which examines the role, functions, skills, and responsibilities of the school superintendency. As such, it is a course which is multidisciplinary in nature because the position rests at the apex of all school systems. Credit Level: G. Credit Hrs: 1.00-6.00

Psychology

18PSYC501P
Developing Services: Response to Intervention for Preschool Teachers I
This course provides an overview of response to intervention (RtI) for preschools. Comprehensive and systematic methods of prevention, decision making, instruction, and intervention will be covered. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PSYC502P
Developing Services: PBS for Preschool Teachers II
This course provides educators with the knowledge and strategies of applying Positive Behavior and Supports (PBS) to preschool children. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18PSYC701P
Response to Intervention: Fundamentals for Educators
This professional development course is intended to provide educators an understanding of the fundamentals of a comprehensive system for Response to Intervention, including the components of system-wide implementation and strategies for successful implementation. Credit Level: G. Credit Hrs: 1.00-3.00

18PSYC721
School Organization and the Role of the School Psychologist
Orientation to schools as organizations, schools and educational issues, and the role and function of school psychologists and other professionals. Includes supervised field experiences. Credit Level: G. Credit Hrs: 3.00

18PSYC730
Introduction to Legal and Ethical Issues in School Psychology
Examines recent legislation, regulations, court decisions, and ethical standards in terms of their impact on the work of helping professionals. Credit Level: G. Credit Hrs: 1.00

18PSYC805
Behavior Research and Accountability Methods
Examines research methods and designs appropriate to the study of children's learning and behavior problems; requires research project. Credit Level: G. Credit Hrs: 4.00

18PSYC810
Developmental Principles and Psychopathology
Foundations for child development and developmental psychopathology from an ecological and competence enhancement perspective. Emphasis is on implications for intervention and practice. Credit Level: G. Credit Hrs: 3.00

18PSYC815
Social Cognitive Theory and Intervention
Reviews recent literature in social and cognitive learning that has implications for assessment and interventions with children. Credit Level: G. Credit Hrs: 1.00

18PSYC821
School Psychology Practicum I
Integrated field experience in individual child study, assessment and

H=University Honors course.
Psychology

18PSYC821 School Psychology Practicum I
intervention design, and related professional skills. Credit Level: G.
Credit Hrs: 1.00-5.00

18PSYC822 School Psychology Practicum II
Integrated field experience in individual child study, assessment and
intervention design, and related professional skills. Credit Level: G.
Credit Hrs: 1.00-5.00

18PSYC823 School Psychology Practicum III
Integrated field experience in individual child study, assessment and
intervention design, and related professional skills. Credit Level: G.
Credit Hrs: 1.00-5.00

18PSYC824 Early Intervention Practicum I
Integrated, applied, supervised experience in school psychological
services in early childhood settings. Credit Level: G. Credit Hrs: 1.00-5.00

18PSYC825 Early Intervention Practicum II
Integrated, applied, supervised experience in school psychological
services in early childhood settings. Credit Level: G. Credit Hrs: 1.00-5.00

18PSYC826 Early Intervention Practicum III
Integrated, applied, supervised experience in school psychological
services in early childhood settings. Credit Level: G. Credit Hrs: 1.00-5.00

18PSYC840 Theories of Measurement for School Psychology
This first course in a sequence of required assessment courses
provides foundational, technical, and theoretical knowledge in
assessment and measurement theory and concepts. Credit Level: G.
Credit Hrs: 3.00

18PSYC841 Introduction to Intellectual Assessment
Measurement of intellectual and cognitive functioning of children and
adolescents, interpretation of scores, and test use. Credit Level: G.
Credit Hrs: 3.00

18PSYC842 Academic Assessment
Practice with advanced techniques in direct and norm-referenced
academic assessment for use in intervention planning and progress
monitoring. Credit Level: G. Credit Hrs: 3.00

18PSYC843 Functional Assessment
An intensive introduction to functional assessment with low incidence
populations, with particular emphasis on functional behavioral
assessment and intervention. Credit Level: G. Credit Hrs: 3.00

18PSYC850 Assessment and Intervention for Early Childhood
Foundations in theory, assessment, and intervention techniques for
early childhood and preschool intervention. Credit Level: G. Credit Hrs: 3.00

18PSYC851 Family Interventions: Theory and Application
An examination of foundations for working with families in schools with
emphasis on developing school-based interventions and increasing
home-school collaboration. Credit Level: G. Credit Hrs: 3.00

18PSYC852 School-Based Behavioral Counseling
Provides knowledge, skills, and practice for development,
implementation, and evaluation of school-based counseling groups for
children and adolescents from an ecobehavioral orientation.
Requirements include co-leading group and data-based portfolio entry.
Credit Level: G. Credit Hrs: 3.00

18PSYC853 School-Based Behavioral Counseling Practicum
Supervised experiences in school-based behavioral counseling for
groups and individuals. Prereq: 18PSYC852. Credit Level: G. Credit
Hrs: 1.00-3.00

18PSYC855P PreK Special Needs: Assessment and Intervention
Pre-K Special Needs Endorsement course addressing foundations in
text, assessment, and intervention techniques for early childhood.
Credit Level: G. Credit Hrs: 3.00

18PSYC860 Applied Behavior Analysis
Provides intensive introduction and practice in applied behavior analysis
procedures and their use in developing classroom intervention
strategies. Credit Level: G. Credit Hrs: 4.00

18PSYC861 Foundations in Social/Behavioral Assessment and Intervention
Examines and provides practice in implementing and evaluating school-based interventions within the methodology of applied behavior analysis. Emphasis is on application with social-emotional problems. Prereq: 18PSYC860. Credit Level: G. Credit Hrs: 4.00

18PSYC862 Academic Interventions
Examines a wide range of research-based intervention procedures for
children's academic problems. Practicum component included, involving
design and implementation of intervention program for students experiencing classroom difficulty. Credit Level: G. Credit Hrs: 3.00

18PSYC863 School-Based Mental Health Prevention and Intervention
Foundations and principles for effective school-based group and system
level interventions and accountability, with an emphasis on school-wide prevention programs and crisis response. Credit Level: G. Credit Hrs: 3.00

18PSYC871 Individual Study in School Psychology
Individual research on a problem relevant to school psychology.
Faculty/individual contract required. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC872 Consultation I
Examines variables which influence consultative effectiveness; emphasizes skill development in collaborative problem-solving techniques. Credit Level: G. Credit Hrs: 3.00

18PSYC873 Consultation II
Examines the conceptual and practical basis for effective consultation-based service delivery and use of collaborative problem-solving at a systems level. Credit Level: G. Credit Hrs: 3.00

18PSYC877 Critical Examination and Legal-Ethical Issues for Professional Practice
Review of legal, ethical, and professional practice issues in school psychology. Includes critical review of current issues in professional practice. Credit Level: G. Credit Hrs: 2.00

H=University Honors course.
Psychology

18PSYC879
Field Practicum in School Psychology
School Psychology field practicum. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC881
Advanced School Experience I
Provides advanced experience in services delivery, leadership and systems change, supervision, and research for doctoral students in School Psychology. Involves field-based work and seminars. Prereq: 18PSYC821, 18PSYC822. Coreq: 18PSYC823. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC882
Advanced School Experience II
Provides advanced experience in services delivery, leadership and systems change, supervision, and research for doctoral students in School Psychology. Involves field-based work and seminars. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC883
Advanced School Experience III
Provides advanced experience in services delivery, leadership and systems change, supervision, and research for doctoral students in School Psychology. Involves field-based work and seminars. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC891
Internship in School Psychology I
Supervised experiences in an applied setting plus regular on-campus seminars as arranged. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC892
Internship in School Psychology II
See 18PSYC891. Information, skills, and experiences in indirect service delivery methods. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC893
Internship in School Psychology III
See 18PSYC891. Information, skills, and experiences in indirect service delivery methods. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC905
Advanced Behavioral Research Methods
Examines advanced measurement, sampling, experimental design, and data analysis for single case experimental research. Designed for doctoral students in School Psychology and related disciplines. Credit Level: G. Credit Hrs: 2.00

18PSYC910
Advanced Behavioral Theory and Practice
Surveys major areas of learning from a behavioral point of view, from its parochial origins to specific demonstrations and applications in human and nonhuman research. Credit Level: G. Credit Hrs: 2.00

18PSYC93
Doctoral Colloquium in School Psychology
Discussion of research experiences, professional issues, and leadership. Credit Level: G. Credit Hrs: 1.00

18PSYC954
Doctoral Colloquium in School Psychology
See 18PSYC953. Credit Level: G. Credit Hrs: 1.00

18PSYC961
Doctoral Internship in School Psychology
Culminating field-based Internship, providing comprehensive school psychological services, for doctoral-level School Psychology students. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC962
Doctoral Internship in School Psychology II
Culminating field-based Internship, providing comprehensive school psychological services, for doctoral-level School Psychology students. Prereq: 18PSYC961. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC963
Doctoral Internship in School Psychology III
Culminating field-based Internship, providing comprehensive school psychological services, for doctoral-level School Psychology students. Prereq: 18PSYC962. Credit Level: G. Credit Hrs: 1.00-15.00

18PSYC973
Individual Dissertation Guidance
Individual study. Credit Level: G. Credit Hrs: 1.00-15.00

Reading

18READ103
Integrated College Reading
A reading immersion class in which the focus is on intensive and extensive reading of a variety of narrative texts. Students write reactions to short stories, novellas, and novels that include personal responses to the texts, identification and discussion of literary elements, and strategies used to read and remember texts. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18READ105
Reading Academic Texts
A course to improve critical reading, comprehension and recall as applied to college textbooks. Reading strategies will be learned and applied to students’ own textbook reading assignments from their other college courses. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18READ107
Math Success Seminar
A course to improve reading strategies and study skills for better comprehension of math courses. Students learn self-direction in mastering math concepts and principles of effective communication in the language of mathematics by integrating reading, writing, speaking, and listening. This course is designed to be taken in conjunction with any level of Elementary Algebra (15MATH091, 15MATH092 and 15MATH101). The content of the algebra courses is used to assist students in the attainment of the necessary skills. BoK: NA. Credit Level: U. Credit Hrs: 3.00

Substance Abuse Counseling

18SACN202
Basic Pharmacology
How tolerance, cross-tolerance, synergism, and withdrawal lead to addiction. How the route of administration alters pharmacodynamics. How the liver and the kidneys change body chemical metabolism. The primary and secondary side effects of narcotic drugs. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18SACN203
Substance Abuse and Chemical Dependency in the Older Adult
The purpose of this course is to provide students with an understanding of the effect of mood altering substances in older adults, and of the specific treatment needs of this special population. The course will examine causes of substance abuse with this population, special clinical skills needed, and intervention strategies. Cultural prejudices toward older adults will also be a focus. BoK: SS, DC. Credit Level: U. Credit Hrs: 3.00

18SACN205
Foundations in ATOD Prevention I
The purpose of this course is to introduce students to a comprehensive overview of the prevention discipline. The student will examine significant historical developments, populations served and their needs, and current research and practice, and will learn about resources available in the field. BoK: SS. Credit Level: U. Credit Hrs: 3.00
Substance Abuse Counseling

18SACN209 Alcoholism
This course presents a multidimensional approach to the “disease” of alcoholism. It presents the sociological, psychological, physiological, moral, and behavioral factors and effects associated with the disorder, as well as a review of diagnostic and therapeutic tools currently in use. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN211 Drugs and Behavior
In addition to basic information about the problems associated with substance abuse and identifying various drugs of abuse, the course also provides a review of the causes and correlational models associated with chemical dependency. The biochemical and predispositional variables of chemical dependency are also explored, as well as the psychological and behavioral effects on the dependent person and his family. Primary therapeutic and relapse interventions are presented, as well as the program modality referral process. BoK: SS, Credit Level: U. Credit Hrs: 3.00

18SACN221 Assessment and Diagnosis in Addictions
Introduces the student to the clinical assessment and diagnostic process in addictions. The student will learn the key elements of making good assessments, and will become familiar with the diagnostic and statistical manuals and multidimensional paradigms. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN231 Introduction to Counseling
An eclectic overview of various counseling theories, including some counseling perspectives more commonly used in the field of addiction treatment. Builds the foundation for development of a personal counseling approach. Fundamentals of the counseling process, basic requirements in a therapeutic relationship, and ethical considerations will be emphasized. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN251 Child Protective Services
Course covers a broad knowledge base of child protective services (history, distinctive aspects, scope and demographics, process, treatment, problems, trends) and how this system interacts with law enforcement and the courts. Will explain the what and the why, not the how. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN252 Children and the Courts
The course will analyze judicial attempts to insure the safety and well-being of children in American society. The course will consider the child witness, the child as a crime victim, the orphaned child, and the child in the context of divorce. The course will provide a historical context in which the judicial response has mirrored societies' changing mores. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN267 Diversity in Child Rearing
This course is an introduction class in the study of child rearing practices of different cultures in America today. We will explore how the unique socialization of different cultures impacts child rearing and the teaching of values. BoK: SS, DC. Credit Level: U. Credit Hrs: 3.00

18SACN278 Stress Management in Treatment
This course provides an analysis of the nature of stress, beliefs about stress, current research, prevention, and coping strategies. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN301 Addiction: Impact on the Family
Discusses the significant impact of addiction on family systems, including roles, dynamics, and symptoms that are commonly identified in both family members and the addicted person. The course also explores co-dependency, sexuality, and transgenerational issues, as well as domestic violence and abuse. Assessment and intervention strategies will also be explored. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN302 Neurobiology and Neuroendocrinology of Addiction
The physiology of the neuron and synapse. Sensory and motor nerve tracts in the spinal chord and brain. Brain formations which subserve pain, pleasure, and motor skills. How neurotransmitters, endorphins, and narcotics impinge on their function. BoK: NS. Credit Level: U. Credit Hrs: 3.00

18SACN305 Nicotine Addiction and Treatment
This course will examine the use of tobacco products, focusing on the effects of nicotine addiction on the individual and society. The history of tobacco use and the politics and economics of the tobacco industry will also be explored. Students will be presented with the latest diagnostic, prevention, and treatment strategies used in nicotine addiction. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN308 Sexual Addiction
A detailed introduction to the development, maintenance, and consequences of sexual addiction. Diagnosis and treatment modalities will be discussed, as well as the interaction of the addict with family dynamics, societal values, and the criminal justice system. Prereq: 18ADDCC21I. BoK: SC. Credit Level: U. Credit Hrs: 3.00

18SACN309 Women and Addictions
Provides an exploration of specific issues relevant to women with a number of addictions. These include gender differences in usage patterns, cultural issues, physiological complications, psychological repercussions, and recovery concerns. Biases in therapeutic intervention are also reviewed. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN310 Child Abuse I
This course will consider the public system's response to children at risk. The focus will be upon remedies, both for children who engage in delinquent behavior and for families who put children at risk of abuse or neglect. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN311 Child Abuse II
This course will follow Child Abuse I as a more in-depth discussion of child abuse and neglect topics. This course will go beyond identification as discussed in Child Abuse I to evaluation of child abuse, neglect, and treatment. Prereq: 18ADDCC310. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN313 Eating Disorders: Women and Their Bodies
This course provides an in-depth study of the primary eating disorders of anorexia nervosa, bulimia nervosa, and binge eating. Gender issues, psycho-social issues, medical complications, treatment strategies, and prevention are also presented. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN316 Abnormal Behavior I
This class introduces undergraduate and graduate students to the growing literature linking biology to social development in general and to criminal behavior specifically. Special attention is paid to behavior genetics and the heritability of traits, brain functioning and growth, and functions of neurotransmitters. BoK: SS. Credit Level: U. Credit Hrs: 3.00
Substance Abuse Counseling

18SACN317
Abnormal Behavior II
Continuation of 18addc316. Prereq: 18ADDCC316. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN318
Abnormal Behavior III
Continuation of 18ADDCC316 & 317. Prereq: 18ADDCC316, 18ADDCC317. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN321
Dual Diagnosis
Designed to provide a basic understanding of the nature and dynamic of the dually diagnosed person. The course covers the symptomatology of persons with both chemical addiction and a mental health problem. Included are the specific treatment needs of this population and the benefits of a “SA/MI” treatment module. Included are various clinical definitions according to the DSM-IV, progression of psychiatric disorders, traditional versus specific treatment, medication and medical management, multi-disciplined treatment approaches, and more. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN322
Domestic Violence and the Law
This course was developed to provide students with essential legal information as it relates to federal, state, and local laws; and the associated legal processes that are involved with stalking and domestic violence. This is an essential course for those students working with both perpetrators and victims of domestic violence. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18SACN329
Holistic Assessment Processes in Addictive Disorders
Designed to provide students with opportunities to master chemical dependency assessment skills. Students will learn theories related to: the nature of addiction, common effects of the addictive process on the addicts and the people in committed relationships with addicts, pre-post use symptoms of addiction. In addition, students will learn and practice skills related to: paper and pencil measures of addiction, interview techniques, and third party information gathering techniques. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN330
Fundamentals of Cultural Competence
Addresses the critical role culture plays in the development of and the recovery from chemical dependency. Specific cultures (African-American, Appalachian, Native American, and Hispanic) are among those examined in relation to their implications for addiction. The course also presents culture-specific factors associated with various assessment, diagnostic, and treatment strategies, as well as treatment implications. BoK: SS., DC. Credit Level: U. Credit Hrs: 3.00

18SACN332
Individual Counseling Skills in Addictions
This class will review four common theories of psychotherapy and their application in the addiction treatment setting. The class will be experiential and didactic with role play training sessions in major techniques from each theory. Student evaluations will be based on a paper, class participation, and a final multiple choice exam. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN333
Introduction to Group Process
An introduction to group theories, issues, and key concepts of group process. Students will learn how to apply these concepts in working with a variety of groups with a focus on addictions. The course provides a basic understanding of group theories, dynamics, processes, and development, with the focus on addiction therapy. Students will identify and experience group member roles and behaviors, and study group leadership characteristics, styles, and approaches. Various types of group work, including task, therapy, counseling, and psycho-educational modes, will be studied. BoK: SS. Credit Level: U. Credit Hrs: 3.00

College of Education, Criminal Justice, and Human Services

Substance Abuse Counseling

18SACN333
Introduction to Group Process
An introduction to group theories, issues, and key concepts of group process. Students will learn how to apply these concepts in working with a variety of groups with a focus on addictions. The course provides a basic understanding of group theories, dynamics, processes, and development, with the focus on addiction therapy. Students will identify and experience group member roles and behaviors, and study group leadership characteristics, styles, and approaches. Various types of group work, including task, therapy, counseling, and psycho-educational modes, will be studied. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN351
Substance Abuse and the Law
An in-depth look at municipal, state, and federal laws related to substance abuse and trafficking. Course educates students about funding of drug trafficking, sale of controlled substances, illegal dispensing of drug samples, counterfeit controlled substances, criminal and civil forfeiture, probation, commitments for treatment, and many more legal problems for the substance abuse population. Course will give the student a better understanding of the legal implications and consequences of illegal drug activity and behavior. It may better prepare a counselor to work with the criminal justice system. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN362
Adolescent Chemical Dependency
This course focuses on the developmental tasks of adolescents, including physiological and psychological changes, independence, moral development, social and coping skills, and the psycho-social variables that impact adolescent growth and maladaptive behaviors, such as substance abuse. The course also discusses family issues, dynamics, and the behavioral impact of adolescent CD in various settings. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN401
Group Leadership Skills in Addictions
This course is recommended to those students who have completed Introduction to Group Process. The course focuses on techniques, clinical skills, ethical issues, screening, goal setting, group development, advanced counseling skills, experimental activities, and time-limited group process. The student should be prepared to be involved with role playing, group leadership exercises, and skill development. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN404
Anger and Addiction
Explores the complex relationship between anger behavior and addiction. An experiential class designed to address the treatment of destructive anger patterns in addiction recovery. Includes aspects of treatment for self-destructive and family anger. Special emphasis is placed on the students’ discovery of their own anger patterns and professional anger management issues. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN405
Family Counseling Skills
Course is designed for understanding the systemic deterioration of the family due to addiction: the family dynamic, family roles, and overall dysfunctioning process. It also teaches intervention strategies, therapeutic techniques to work with the “chemically dependent family,” family relapse prevention, issues of sexuality in recovery, and a number of counseling styles that have been effective in family therapy. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN409
Opiate Addiction and Treatment
Students will be completely educated about addiction to the opiate drugs. The course is designed to help the treatment professional understand the interrelationship between the physiological and psychological dynamics of opiate addiction. This will include scientific

**Substance Abuse Counseling**

**18SACN409**
Opiate Addiction and Treatment

Research on opiate addiction, methadone treatment, and other successful therapeutic strategies, as well as opiate addiction and criminal behavior, psychiatric co-morbidity, and many other correlational issues. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN411**
Treatment of Gambling Addiction

Designed to help students become more knowledgeable about compulsive gambling by studying the behavioral, psychological, and sociological correlates as well as assessment and diagnostic tools used to establish a clinical presentation. Students will also be exposed to therapeutic interventions and participate in role playing and practicum to assist them in learning clinical techniques. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN415**
Childhood Trauma and Recovery

This course will explore the "costs" of traumatic abuse to the individual, family, community, and society. While examining the enormous impact of abuse on one's self-concept and interpersonal relationships, the course will also emphasize stages of recovery throughout the lifespan. Prereq: 18ADDC311. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

**18SACN421**
Crisis Management in Therapy

The student will learn to recognize crisis situations in therapy and develop skills and strategies to help the person in clinical crisis. Included features are: assessment of mental status, characteristics of behavior and speech, risk prediction variables, external and internal triggers, escalation, debriefing, and post-crisis depression. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN422**
Recovery and Relapse

The student will learn the relapse and recovery process, including: the phases of recovery; how to recognize a healthy recovery from addiction; understanding relapse, the causes of relapse, triggers associated with relapse; manifestations of relapse; how to prevent relapse; and special problems of relapse associated with special populations and needs such as gender and cultural differences. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN423**
Spirituality and Recovery

The examination and evaluation of the impact of active addiction on spirituality and the need for spiritual reformation and application for a successful recovery. The meaning and role of spirituality in a person's life and its therapeutic implications for recovery from addictions are major areas of focus. Specific cultural populations and spirituality, as well as relationships and spirituality, will also be studied. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN424**
Child Abuse Prevention Recognition

This course will provide information and strategies to utilize in the identification, intervention, and prevention of child abuse. This course will also meet the requirements of Ohio House Bill 55, required of all elementary school staff, and a certificate for such can be provided. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

**18SACN432**
Education and Prevention in Addictions

Topics included are: addictions prevention planning and needs assessments along with review of addictions prevention programs that work and why; implementation issues such as funding, program management, building community support, and legal/ethical/public policy issues. Evaluation of addictions prevention program outcomes and impact are also included. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN433**
Creating Drug-Free Schools

This course provides a framework for addictions prevention education for K-12 grades. It provides the basics for drug prevention, including what kids need to succeed, information about drugs, background on children's developmental learning stages, specific lesson plans, and suggestions for working with parents, communities, and policy makers. A model national prevention curriculum from the U.S. Department of Education is presented. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN435**
Prevention Education and Training

The purpose of this course is to introduce students to the elements and practice of leading and presenting to groups. The student will learn the "process" of training/education for imparting prevention-related knowledge, information, and skills to others in a variety of settings (formal and informal). Communication and facilitation skills for the student are emphasized. The course also presents culture-specific factors associated with prevention training assessment, design, delivery, and evaluation. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN451**
Ethics in Chemical Dependency Counseling

An in-depth examination of the codes of ethics in addictions and human services. Emphasis is placed on the NAADAC code of ethics for addictions treatment providers. Experiential exercises and role playing to identify and resolve ethical issues and dilemmas will be used. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

**18SACN461**
Administration of Addiction Programs

An overview of challenges that confront administrators of addiction programs and the skills and knowledge needed for successful management. The course includes profit versus nonprofit agencies, free-standing versus affiliated agencies, purview and authority, aspects of business, approaches to management, and leadership skills. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN510**
Clinical Supervision of Chemical Dependency Counselors

This course is designed to introduce helping professionals to current perspectives on clinical supervision for substance abuse/dependency counselors. It is designed for counselors with some advanced skills and experiences who anticipate supervisory responsibilities, and for those professionals who are already doing some clinical supervision and would like an opportunity to expand their understanding and practice of supervising other professionals in the field of addictions. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN519**
Managed Care of Behavioral Medicine

This course provides students with the skills to design a mental health or substance abuse clinic and to sell managed care contracts to large corporations. Included in the course of study will be understanding contract negotiation, HMO and PPO capitation formulas, and their outcomes. Students will be given an opportunity to understand information-based health care data processing and become well versed in managed care terminology. BoK: SS. Credit Level: U. Credit Hrs: 3.00

**18SACN522**
Addictions Casework Seminar

This class provides skill development in doing casework with the addicted populations. A review of client admission, intake, assessment, and treatment planning as it relates to developing casework plans and the referral process will be a primary focus of the course. The course also explores developing appropriate case plans with special populations, including women, AIDS/HIV infected persons, dually diagnosed individuals, adolescents, and some culturally-specific populations. Students will develop case plans based upon the initial treatment planning. BoK: SS. Credit Level: U. Credit Hrs: 3.00
Evidence-Based Practices in Child Substance Abuse Prevention
This course, designed for professionals, will provide a comprehensive review of evidence-based practices, strategies and interventions aimed toward preventing substance abuse among youth. Course information is developed especially for individuals seeking to become prevention specialists, school/community professionals and those interested in assisting youth to engage in healthy behaviors. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

School-Based Substance Abuse Prevention
The purpose of this course is to introduce professionals to the various research-based strategies schools and school personnel can utilize to prevent substance abuse among youth. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Evidence-Based Practices in Adolescent Substance Abuse Prevention
This course, designed for professionals, will provide an overview of prevention theory and practice with a specific focus on strategies that have proven effectiveness in reducing substance use, abuse and dependency. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Evidence-Based Practices in Adolescent Substance Abuse Prevention
This course, for professionals, will provide a comprehensive review of evidence-based practices, strategies and interventions aimed toward preventing adolescent involvement in alcohol and other drug abuse prevention. Course information is developed especially for individuals seeking to become prevention specialists, school/community professionals and those interested in assisting youth to engage in healthy behaviors. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Substance Abuse Counseling
18SACN531 Student Internship Program
The Addictions Studies Internship program is designed to assist students gain practical experience in the field of additions. While the main focus of the student Internship is to provide a clinically supervised practicum, an ancillary feature will be to allow students to network with treatment, correctional, and social service agencies, thereby gaining valuable knowledge of support systems available in the community. Student Internships do count as “work experience” by the Ohio Credentialing Board and may be extended by agreement with the receiving agency. Students must have a 2.5 average to qualify for an Internship, be accepted by the host agency, and have approval of the Director of the Addictions Studies program. Students who do not qualify will substitute an additional elective to meet baccalaureate graduation requirements. Internships are primarily for baccalaureate students, but some certificate students may qualify for an Internship with the approval of the Director of the Addictions program. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SACN532 Student Internship II
The Addictions Studies Student Internship II is designed to allow students to gain practical experience and to meet licensure requirements. Prereq: 18ADDC531. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SACN541 Capstone Experience in Addiction Studies
This course or experience will introduce the student to the treatment process by actually allowing him or her to participate in a therapeutic encounter. It is designed to give the student a better understanding of the emotional experiences that accompany various levels and types of treatment modes and modalities and to promote greater empathy and objectivity when working with the addictions populations. Experiences will vary from group encounters in a therapeutic community to individual experiences in different treatment settings. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SACN571 Children’s Rights
Emerging rights of children, from the US Supreme Court landmark decision of In Re Gault in 1967 to the present. Changing precepts of the rights of children; rights of parents; and the interest of the State regarding delinquency, ungovernability, corporal punishment, abortion, contraception, commitment to mental health facilities, termination of parental rights, support, and emancipation. BoK: SS, SE. Credit Level: U. Credit Hrs: 3.00

18SACN600 Foundations in Substance-Abuse Prevention
This course will provide an overview of prevention theory and practice with a specific focus on strategies that have proven effectiveness in reducing substance use, abuse, and dependency. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SACN602 School-Based Substance Abuse Prevention
The purpose of this course is to introduce you to research-based strategies schools and school personnel can utilize to prevent substance abuse among youth. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SACN605 Evidence-Based Practices in Child Substance Abuse Prevention
The purpose of this course is to introduce you to the various research-based strategies that prevent risky behaviors such as substance abuse among youth to promote positive youth development. This course will offer much information related to the prevention of substance abuse and other risky behaviors among children. In addition, promoting positive child development and increasing protective factors in early childhood will be discussed. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SACN606 Evidence-Based Practices in Adolescent Substance Abuse Prevention
This course will provide a comprehensive review of evidence-based practices, strategies and interventions aimed toward preventing adolescent involvement in alcohol and other drug abuse prevention. Course information is developed especially for individuals seeking to become prevention specialists, school/community professionals and those interested in assisting youth to engage in healthy behaviors. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SACN695P Evidence-Based Practices in Child Abuse Prevention
The purpose of this course is to introduce professionals to the various research-based strategies that prevent risky behaviors such as substance abuse among youth to promote positive youth development. This course will offer much information related to the prevention of substance abuse and other risky behaviors among children. In addition, promoting positive child development and increasing protective factors in early childhood will be discussed. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SACN696P Evidence-Based Practices in Adolescent Substance Abuse Prevention
This course, for professionals, will provide a comprehensive review of evidence-based practices, strategies and interventions aimed toward preventing adolescent involvement in alcohol and other drug abuse prevention. Course information is developed especially for individuals seeking to become prevention specialists, school/community professionals and those interested in assisting youth to engage in healthy behaviors. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Secondary Education
18SEC502 Curriculum in Secondary Schools: Foreign Language
Conceptions and theoretical perspectives of foreign language curriculum and components. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC503 Curriculum in Secondary Schools: Language Arts
Conceptions and theoretical perspectives of language arts curriculum and components. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC504 Curriculum in Secondary Schools: Mathematics
Conceptions and theoretical perspectives of mathematics curriculum and components. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC505 Curriculum in Secondary Schools: Science
Conceptions and theoretical perspectives of science curriculum and components. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC506 Curriculum in Secondary Schools: Social Studies
Conceptions and theoretical perspectives of social studies curriculum and components. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

H—University Honors course.
Secondary Education

18SEC511
Instructional Planning
Focuses on pedagogical concepts and principles related to planning and teaching lessons. Relates theory and research to instructional practices. Emphasizes basic instructional models and techniques. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC515
Instructional Management
Examines the impact of the physical and social organization on learner involvement and behavior. Addresses values and principles to be reflected in a teacher's managerial policies. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC516
Secondary Field Clinical II
This is the second of two field clinical experiences and seminars for secondary education students. Students are involved in 50 hours of classroom experience and a one hour weekly seminar. Prereq: 18SEC515. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC520
Secondary Teaching Methods: Language Arts
Develops planning and teaching skills especially appropriate to the teaching English in secondary school classrooms. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC521
Field/Clinical Experience I: Language Arts

18SEC530
Teaching Methods: Foreign Language
Pedagogical and theoretical frameworks necessary to implement effective second language classroom instruction. Prereq: 18SEC511. Coreq: 18SEC531. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC531
Field/Clinical Experience I: Foreign Language

18SEC540
Secondary Teaching Methods: Mathematics
Develops planning and teaching skills especially appropriate to the teaching of mathematics. Prereq: 18SEC511. Coreq: 18SEC541. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC541
Field/Clinical Experience I: Mathematics

18SEC550
Secondary Teaching Methods: Science
Develops planning and teaching skills especially appropriate to the teaching of science subjects. Prereq: 18SEC511. Coreq: 18SEC551. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC551
Field/Clinical Experience I: Science

College of Education, Criminal Justice, and Human Services

Secondary Education

18SEC560
Secondary Teaching Methods: Social Studies
Develops planning and teaching skills especially appropriate to the teaching of social studies. Prereq: 18SEC511. Coreq: 18SEC561. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC561
Field/Clinical Experience I: Social Studies

18SEC570
Teaching Reading, Writing, and Learning Strategies
Examines the role of reading and writing in content area classrooms. Addresses young adult reading, writing, and learning strategies and ways to enhance them. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC620
Applied Secondary Teaching Methods: English/Language Arts
Refines and develops English/language arts-related teaching skills in conjunction with the Internship experience. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC630
Applied Secondary Teaching Methods: Foreign Languages
Refines and develops foreign language-related teaching skills in conjunction with the Internship experience. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC640
Applied Secondary Teaching Methods: Mathematics
Refines and develops mathematics-related teaching skills in conjunction with the Internship experience. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC650
Applied Secondary Teaching Methods: Science
Refines and develops science-related teaching skills in conjunction with the Internship experience. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC660
Applied Secondary Teaching Methods: Social Studies
Refines and develops social studies-related teaching skills in conjunction with the Internship experience. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC671
Teaching Literature in the Secondary School
Examines adolescent and young adult literature, including development of interest and appreciation, materials, and programs. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC672
Reading Improvement in Secondary Schools
Focuses on the diagnostic teaching of developmental and content area reading, corrective techniques and materials, and program organization. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SEC673
Practicum in Secondary Reading
Sixty-hour clinical/field experience observing and practicing the techniques being developed in the corequisite reading improvement course. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00

18SEC691
Internship Teaching I
Intensive experience at a secondary school involving the assumption of sustained teaching responsibilities. Prereq: 18SEC511. BoK: NA. Credit Level: U, G. Credit Hrs: 9.00

H=University Honors course.
Secondary Education

18SEC692
Internship Teaching II
Extended experience at a secondary school involving the assumption of sustained teaching responsibilities. Prereq: 18SEC511. BoK: NA. Credit Level: U. Credit Hrs: 9.00

18SEC782
Independent Study in Secondary Education
Restricted option for advanced study of special topics. By special arrangement with a program faculty member. Credit Level: G. Credit Hrs: 1.00-6.00

18SEC793
Masters Internship Teaching
This course is designed to immerse pre-service teachers in the professional responsibilities of a full time teacher. Prereq: 18SEC515, 18SEC516. Credit Level: G. Credit Hrs: 1.00-12.00

18SEC817
Secondary Education: Issues
Focuses on contemporary and enduring issues and problems influencing secondary schools in the United States. Credit Level: G. Credit Hrs: 3.00

18SEC871
Individual Study in Secondary Education
Restricted option for advanced study of special topics. By special arrangement with a program faculty member. Credit Level: G. Credit Hrs: 1.00-6.00

18SEC971
Individual Study in Secondary Education
Restricted option for doctoral students for advanced study of special topics. By special arrangement with a program faculty member. Credit Level: G. Credit Hrs: 1.00-6.00

18SEC972
Graduate Reading in Secondary Education
Restricted option for doctoral students. By special arrangement with a program faculty member. Credit Level: G. Credit Hrs: 1.00-6.00

Sports Management

18SMGT132
Sport Administration Professional Experience
This course is designed to acquaint the students with the field experience requirements of the major. It will prepare students to maximize learning in their field experience; acquaint students with performance expectations and assist in the development of the strategies and necessary skills for effective participation in their job search process. This course requires 400 hours of practica to be completed by the end of the second year of the program. Completion of the in-class component is required to participate in field experience. Students will be given a grade of NG in this course until the practica requirement has been met. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18SMGT171
Introduction to Sport Administration
The definition and evolution of sport management. This course will explore various careers in professional, collegiate, high school and other areas of sport management. The student will define professional goals based on personal strengths and weaknesses in light of skills and competencies of sport leaders. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18SMGT371
Personal Selling
Persuasive oral communication from a business perspective. Emphasis on student application of personal selling principles. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT372
Economics of Sport
Economics growth of the sport industry over the last century. This

College of Education, Criminal Justice, and Human Services

Sports Management

18SMGT372
Economics of Sport
course will apply basic economic tools to questions and problems in professional and intercollegiate sports as well as the operation of stadiums and arenas. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SMGT373
Sport Finance
This course seeks to develop a comprehensive understanding of the impact of finance on sport management. Topics include financial planning and administration for professional athletes, inter-collegiate administrations, and the public/private sport industry. The student will become familiar with financial statement analysis, budgeting, operating expenses, risk/return models, revenue sources and their eventual impact on sport manage-ment. BoK: QR. Credit Level: U. Credit Hrs: 3.00

18SMGT374
Sport Marketing
The marketing planning process relative to the sport industry. This course will focus on develop -ment of a marketing strategy with consideration to the unique aspects of sport marketing. Topics include selection of a target market and sport consumer behavior as well as decisions on product, distribution, price and promotion. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT375
Psychology of Sport
The role of psychological aspects of human behavior as it affects performance in sports. Topics include violence and deviant behavior in sport, sport aggression, extrinsic and intrinsic motivation in sport. BoK: SS. Credit Level: U. Credit Hrs: 3.00

18SMGT376
Sport Administration Internship
This course is designed for Sport Administration students who are completing internship requirement. BoK: NA. Credit Level: U. Credit Hrs: 1.00

18SMGT387
Sport Management
The basic concepts of management applied to a variety of sport settings. This course will emphasize strategic planning, creating an organizational structure, staffing, leadership and motivation, as well as controlling the sport organization. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18SMGT440
Senior Project I
This course will cover the management of projects and includes team work, sequencing of events, and budgeting. Project management software will be used. Upon completion of this course, students are qualified to take the CAPM(R) exam to earn the CAPM(R) certification awarded by the Project Management Institution (PMI). BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT441
Senior Project II
This course provides the student with the opportunity to bring together in a comprehensive manner all of the subjects covered in the program and the additional experiences gained from the co-op. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT442
Senior Project III
This course provides the student with the opportunity to bring together in a comprehensive manner all of the subjects covered in the program and the additional experiences gained from the co-op. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT471
Sport Facility & Event Management
An overview of planning and design of an athletic facility. This course will focus on the management of venues and events, venue and event
Sports Management

18SMGT471
Sport Facility & Event Management
operations and maintenance, as well as venue and event programming and scheduling. Prereq: 32SMGT387. BoK: SE. Credit Level: U. Credit Hrs: 3.00

18SMGT473
Athletic Fundraising
This course is designed to create a complete understanding of the development industry. The student will be made aware of the roles, functions, economic needs/goals, and responsibilities of those who manage fundraising activities for both private and public facilities, including specific marketing techniques, communication responsibilities, and relationship building programs. The student will also review the ethical and legal nature connected to both collegiate and public fundraising. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT475
Sport and the Media
This course will prepare the student in the area of sport media and media relations. Sport and the media develops an understanding of advertising, public relations, public relations, sport information, promotions, and writing for sport publications. The student will be made aware of the interactive nature between television, radio, sport marketing and management firms, sport stat researchers, sport video production and the internet. All aspects if the media will be explored including specialized sport media techniques and strategies. Prereq: 18SMGT374. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT482
Sport and Entertainment Law
The course covers the study of sport and entertainment law for those in sport management. The course will cover such topics as sport contracts, sport franchise rights, sport agents the impact of NCAA on sport activities, legal implications of sports injuries and disabilities, torts and sports-atletes, fans and officials, sport malpractice, sports negotiation and arbitration, the Olympics, professional sports versus amateur status, and commercial exploitation of a person's name and likeness. Pre-req: Sport Management (18SMGT387). Prereq: 18SMGT387. BoK: SS. SE. Credit Level: U. Credit Hrs: 3.00

18SMGT485
Sport Governance
This course is designed to provide knowledge of the organizational structure, authority and functions of governing bodies in professional and amateur sport, with emphasis on the role of the National Collegiate Athletic Association in collegiate athletics, and awareness of the influence of state and federal government on sport governing bodies. Prereq: 18SMGT387. BoK: SS. SE. Credit Level: U. Credit Hrs: 3.00

18SMGT487
Sport Public Relations
The importance of positive relations with both external and internal publics in the field of sports. This course will focus on the various tools available to effectively communicate with relevant stakeholders, from group to mass communication. Sport Public Relations will feature a case study approach. Prereq: 18SMGT387. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SMGT489
Current Topics in Sport
This course is designed for senior Sport Management majors. The course studies current issues, problems and trends in sport from a

College of Education, Criminal Justice, and Human Services

Sports Management

18SMGT489
Current Topics in Sport
socio-cultural, management, ethical, marketing, communication, financial, legal, governance or economic perspective. Prereq: 18SMGT387. BoK: NA. Credit Level: U. Credit Hrs: 3.00

Special Education

18SPED201
Introduction to Interpreting Theory and Practice
This course will provide students with foundations of working in the interpreting field including, influences of culture on communication, working in multicultural communities, cultural frames, processing models of interpretation, mediation challenges, history and professionalization of interpreting, principles of professional practice, interpreting models. Prereq: 18SPED291. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED202
Processing Skills Development for Interpreters
This course will introduce various cognitive processes involved in sign language interpreting including memorization, the role of memory in the interpretation process, acuity and discrimination, phrase and word level pattern inferences, and delayed repetition. Concept application will be demonstrated through performance-based assessment. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED205
Methods of Interpreting
This course concentrates on further development and application, including analysis, of consecutive and simultaneous sign language interpreting. Additional aspects of interpreting such as expanded lexicon, fingerspelling competencies and current topics will be addressed. Prereq: 18SPED202. BoK: DC. Credit Level: U. Credit Hrs: 1.00-6.00

18SPED250
Foundations and History of Special Education
This course is designed for teacher candidates to understand the issues and concepts related to the history and foundation of special education. This course is directly related to the Council for Exceptional Children (CEC) Special Education Content Standard #1: Foundations; Standard #2: Development and Characteristics of Learners; and Standard #3: Individual Learning Differences. BoK: SE. Credit Level: U. Credit Hrs: 4.00

18SPED251
Special Education and the Law
This course will cover laws, rules, regulations and ethics associated with the practice of special education. Teacher candidates will demonstrate a knowledge base in special education law through reflection, critical analysis and synthesis. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED252
Foundations of Literacy
Foundations of literacy is the introductory course in a series of six literacy courses in the special education program. This course is designed to provide social, historical, and cultural research and information about the teaching and learning of literacy practices. BoK: LT. Credit Level: U. Credit Hrs: 3.00

18SPED253
Language Development
Candidates will learn about the socio-political nature of language acquisition and the research-base for the teaching of language. BoK: LT. Credit Level: U. Credit Hrs: 3.00

18SPED254
Fostering Relationships with Diverse Learners
This course will partner UC students with young adults with disabilities who are enrolled in a high school transition class on campus. UC students will participate in academic and recreational activities under

H=University Honors course.
Special Education

18SPED254  
Fostering Relationships with Diverse Learners  
direct supervision in order to foster the development of authentic  
relationships between all participants. BoK: NA. Credit Level: U. Credit  
Hrs: 1.00

18SPED311  
Advanced Interpreting and Transliterating Skills Development  
Course focuses on deeper understanding and application of cognitive  
processing skills employed during consecutive simultaneous  
interpretation. Course will focus on additional theoretical foundations  
related to interpreting skills needed to manage the interpreting process  
process successfully. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED312  
Critical Analysis for Interpreters  
Through application of the Demand-Control Schema, students explore  
and discuss the interpreting contexts, examine roles and  
responsibilities, and address situational issues occurring within these  
contexts. Prereq: 18SPED311. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED313  
Discourse Analysis for Interpreters  
This is the study of discourse for interpreters by analyzing  
interpreters’ communicative competence. Knowledge of what is  
appropriate in various language communities will be examined. This  
course also includes the study of conversational interactions in English  
and ASL, including an analysis of the context and intentions of the  
people within various communication events. BoK: NA. Credit Level: U.  
Credit Hrs: 3.00

18SPED314  
Portfolio Assessment I  
Course will provide students with a structured method for synthesizing  
evidence of learning and accomplishments into a formal portfolio. BoK:  
DC. Credit Level: U. Credit Hrs: 1.00

18SPED321  
Educational Interpreting and Transliterating Skills Development  
Students will explore the role of the educational interpreter in K-12 and  
post-secondary settings. Relative laws and regulations, communication  
methods, resources, and practices by various members of the  
educational community will be covered. Topics that concern  
educational interpreters, including ethical and educational practices, will  
also be investigated. BoK: DC. Credit Level: U. Credit Hrs: 3.00

18SPED322  
Interpreting and Technology  
This course is designed to study the relationship of technology on the  
deaf community. Students will engage in discussions to increase  
awareness and understanding of technology employed in various  
contexts. Students will also participate in activities designed to increase  
competencies needed for interpreting with technology. BoK: DC. Credit  
Level: U. Credit Hrs: 3.00

18SPED323  
Community Interpreting and Transliterating Skills Development  
Course focus includes ethical topics in interpreting/transliterating,  
including students’ role in the interpreting/transliterating process.  
Course will address various interpreting/ transliterating settings within  
community interpreting/transliterating in complex conflict resolutions.  
Course will focus on additional concepts related to advanced level  
interpreting/ transliterating skills specifically related to the influence of  
Credit Hrs: 3.00

18SPED324  
Business and Leadership of Interpreting  
Students will explore various leadership theories and their application to  
the field of sign language interpreting. Business practices and ethics as  
they pertain to community sign language interpreters will be explored  
through use of small business service provider models. BoK: NA. Credit  
Level: U. Credit Hrs: 3.00

18SPED325  
Educational Interpreting and Learning  
Students will explore the role of the educational interpreter in K-12 and  
post-secondary settings. Relative laws and regulations, as well as  
communication methods, resources, and practices by various members of  
educational community will be covered. Topics that concern  
educational interpreters including ethical and educational practices will  
also be investigated. Prereq: 18SPED321. BoK: DC. Credit Level: U.  
Credit Hrs: 3.00

18SPED326  
Educational Interpreting and Language  
This course examines child development and the acquisition of a first  
language for hearing and deaf children. Students gain understanding of  
children’s growth and development and the role of language and the  
influence on interpreting experiences. BoK: NA. Credit Level: U. Credit  
Hrs: 3.00

18SPED401  
Field Experience Preparation  
This course introduces students to the concepts and practice of service  
learning and mentoring/guided leadership for interpreting. The course  
prepares students for service learning and guided leadership projects  
through design, development and discussion of proposals. Prereq:  
18SPED313. BoK: SE. Credit Level: U. Credit Hrs: 2.00

18SPED402  
Field Experience I: Service Learning  
This is a field experience course designed to focus on service learning.  
The students will have the opportunity to interact with various members  
of the Deaf and/or Interpreting community to enrich their understanding  
of the culture and profession. Students will conduct projects previously  
designed during 18 SPED 401. Prereq: 18SPED401. BoK: DC. Credit  
Level: U. Credit Hrs: 6.00

18SPED403  
FIELD EXPERIENCE II: MENTORING  
This is a field experience course designed to focus on peer mentoring  
and development. The students will have the opportunity to interact with  
other student interpreters who are beginning their internship/practicum  
experience in sign language interpreting to enrich their understanding of  
and sensitivity to peer supervision and the novice interpreting  
experience. Students will conduct projects previously designed during  
SPED 401. Prereq: 18SPED402. BoK: DC. Credit Level: U. Credit Hrs: 6.00

18SPED404  
Professionalism and Ethics  
This course guides students in the investigation of professional identity  
and ethical practice. The course continues student knowledge and skill  
development for practice through the demand- control schema and  
interpreting discourse as it relates to ethical standards in the  
interpreting profession. Prereq: 18SPED312. BoK: SE. Credit Level: U.  
Credit Hrs: 3.00

18SPED406  
Portfolio Assessment II  
This course is second in a series of a two-part process for development  
and synthesis of evidence of learning for a final product, a professional  
portfolio. Students will examine current trends in the field of interpreting  
and beyond for collecting and integrating professional artifacts into a  
formal collection. Prereq: 18SPED314. BoK: SE. Credit Level: U. Credit  
Hrs: 1.00

18SPED411  
Preparation for Clinical Practice  
Students are provided opportunities to observe various interpreting  
situations. Students’ observations are incorporated into shared  
discussion and reflection. Theoretical and ethical concepts learned

---

H=University Honors course.  
College of Education, Criminal Justice, and Human Services

Special Education

18SPED508 Instructional Strategies: Students with Mild to Moderate Educational Needs
Instructional strategies for students with mild to moderate educational needs. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED509 Curriculum Planning: Mild to Moderate
Introduction to concepts and issues related to individual learning differences. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED511 Teaching Reading and Writing to Students with Disabilities I
Course for the Special Education Program that meets partial requirements for ODE reading mandate in the area of reading and writing for learners with mild to moderate disabilities. BoK: NA. Credit Level: U, G. Credit Hrs: 4.00

18SPED512 Teaching Reading and Writing to Students with Disabilities II
A two-course sequence emphasizing reading methods, remediation, and intervention strategies to accommodate learners with reading disorders. This course will include interactions with students with disabilities in an applied setting. BoK: DC. Credit Level: U, G. Credit Hrs: 3.00

18SPED514 Seminar I: Mild to Moderate
Discussion of issues related to Internship and portfolio development. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18SPED518 Instructional Strategies: Students with Moderate to Intense Educational Needs
Instructional strategies for students with moderate to intense educational needs. This course will include interactions with students with disabilities in an applied setting. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED519 Universal Design for Learning and Assistive Technology in Special Education
Integration of principles of language development with principles of augmentative communication. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED520 Teaching Associate I: Mild to Moderate
Develop skills and ways of knowing and doing in supporting learners with effective instruction. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-12.00

18SPED526 Seminar I: Moderate to Intense
Discussion of issues related to Internship and portfolio development. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-6.00

18SPED530 ABA for Educators
Creating a learning environment for classrooms with a special focus on the challenging learner. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED531 Curriculum Planning for Individuals With Learning Differences
Curriculum planning for individuals with learning differences, with special focus on transitions across the life span. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED532 Management of Challenging Behaviors
Foundations of theoretical and behavioral models, with special focus on positive behavioral support, functional assessments, and behavior support plans. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED411 Preparation for Clinical Practice
prior to the course will be examined during discussion. Observation opportunities will likely include settings such as individual observations at a potential placement site, guest or future mentor interpreter, and individual guided lab work. A professional portfolio will be maintained, including a resume, and culminating work will be assessed in preparation for Clinical Practice I and II. Students will participate in professional growth activities, keep professional journals and adhere to all guidelines and requirements in the Student Clinical Practice Handbook. Potential clinical sites may include local, state, regional, national, or international. Prereq: 18SPED313. BoK: NA. Credit Level: U. Credit Hrs: 2.00

18SPED412 Clinical Practice I
Students are provided opportunities to interpret in various interpreting situations and apply concepts learned previously in authentic environments. Students' observations are incorporated into shared discussion and reflection during weekly meetings. Theoretical and ethical concepts learned prior to the course will be examined during discussion. Interpreting opportunities will likely include settings such as community and/or educational contexts. Students will continue work on professional portfolios by including culminating work performed during Clinical Practice I. Students will maintain professional journals and adhere to all guidelines and requirements in the Student Clinical Practice Handbook. Potential clinical sites may include local, state, regional, national, or international. Faculty and mentors supervise students as they assume the role of interpreter, demonstrating professional conduct and effective interpreting practice. Prereq: 18SPED411. BoK: NA. Credit Level: U. Credit Hrs: 6.00

18SPED413 Clinical Practice II
Students are provided opportunities to interpret in various interpreting situations and apply concepts learned previously in authentic environments. Students' observations are incorporated into shared discussion and reflection during weekly meetings. Theoretical and ethical concepts learned prior to the course will be examined during discussion. Interpreting opportunities will likely include settings such as community and/or educational contexts. Students will continue work on professional portfolios by including culminating work performed during Clinical Practice I and II. Students will maintain professional journals and adhere to all guidelines and requirements in the Student Clinical Practice Handbook. Potential clinical sites may include local, state, regional, national, or international. Faculty and mentors supervise students as they assume the role of interpreter, demonstrating professional conduct and effective interpreting practice. Prereq: 18SPED411. BoK: NA. Credit Level: U. Credit Hrs: 6.00

18SPED414 Special Settings in Interpreting
This course offers a deeper examination of various interpreting contexts such as professional, ethical, technical, and logistical factors involved with simultaneous and consecutive sign language interpreting. This course concentrates on further development and application, including analysis. Specialized settings explored in this course include: mental health, legal, medical, social services, platform, performing arts, deaf/blind interpreting, working with a Deaf Interpreter, vocational rehabilitation, and telephone interpreting. Prereq: 18SPED322. BoK: NA. Credit Level: U. Credit Hrs: 3.00

18SPED442 Independent Study
Individual study in Special Education. Written agreement developed with faculty member required. BoK: NA. Credit Level: U. Credit Hrs: 1.00-3.00

18SPED508 Instructional Strategies: Students with Mild to Moderate Educational Needs
Instructional strategies for students with mild to moderate educational needs. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

Special Education

18SPED633
Assessment and Evaluation in Special Education
Discussion and practice of components of effective assessment. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED638
Language Development in Typical and Exceptional Children
A survey of normal language development in children; factors influencing development and learning; effects of disabilities and other conditions on language development and learning. BoK: DC. Credit Level: U, G. Credit Hrs: 3.00

18SPED681
Overview of Mild, Moderate to Intense Disabilities and Their Impact on Learning and Living
Develop in-depth knowledge base in characteristics of learning through reflection, critical analysis, and synthesis. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED600
The Challenging Learner in Society
An introduction to the concepts and issues related to the schooling, learning, and instruction of individuals who experience significant disabilities. BoK: DC. Credit Level: U, G. Credit Hrs: 3.00

18SPED601
Special Education and the Law
Topics associated with IDEA and related laws. Other topics include theories, learner characteristics, due process, IEP, services, professional ethics, and accountability issues. BoK: NA. Credit Level: G, U. Credit Hrs: 3.00

18SPED602
Current Issues in Special Education
This course focuses on various practices/models in providing services and meeting the challenges of individuals with special needs. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED604
Internship I: Mild to Moderate
Develop skills in supporting learner development and success. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-12.00

18SPED608
Internship I: Moderate to Intense
Develop skills in supporting learner development and success. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-12.00

18SPED611
Foundations of Literacy
This course focuses on instructional strategies to help children become literate. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED612
Teaching Reading and Writing through Literature
Teaching reading and writing through the use of literature. BoK: NA. Credit Level: U, G. Credit Hrs: 3.00

18SPED625
Intern Seminar in Special Education
Special Education issues seminar concurrent to post-graduate Internship experience. Prereq: 18SPED624. BoK: NA. Credit Level: U, G. Credit Hrs: 1.00-3.00

18SPED632
Individual Diversity: Secondary
This course addresses the issues of human diversity, as it is reflected in variations among individuals in learning styles and developmental rates, interaction styles, and accessing the environment through communication, mobility, vision, and audition. Coreq: 18SEC691. BoK: SE. Credit Level: U, G. Credit Hrs: 3.00

18SPED641
Phonics I - Special Education
This course is designed to provide research-based and
Special Education

18SPED668P
Gifted End: Legal Aspects and Models
offered by the Graduate Program in Special Education in the College of Education, Criminal Justice, and Human Services. Credit Level: G. Credit Hrs: 3.00

18SPED702
Partnerships and Collaboration
Participants will become familiar with the philosophical bases and practical application of interacting collaboratively with colleagues, parents, community members, other professionals, and learners. An introduction to the concepts and issues related to the schooling, learning, and instruction of individuals who experience significant disabilities. Credit Level: G. Credit Hrs: 3.00

18SPED705
Advanced Assistive Technology and Universal Design for Learning
Using an ecological approach, this course expands foundational knowledge of assistive technology, Universal Design (UD), and Universal Design for Learning (UDL) to focus on current practices, considerations, barriers and emerging research themes across the lifespan continuum. Credit Level: G. Credit Hrs: 3.00

18SPED714
Theories of Language Development I
A survey of linguistic theories and their implications for language learning in normal and linguistically handicapped children and youth. Credit Level: G. Credit Hrs: 3.00

18SPED715
Theories of Language Development II
A continued survey of linguistic theories and their implications for language learning in normal and linguistically handicapped children and youth. Prereq: 18SPED714. Credit Level: G. Credit Hrs: 3.00

18SPED716
Techniques of Developing Language in Children and Youth
Application of language learning theory to classroom instruction and preparation of materials for students. Prereq: 18SPED715. Credit Level: G. Credit Hrs: 3.00

18SPED717P
Autism Spectrum Disorders: Theory to Practice
Education professionals gain insights in the theories of ASD. Based on theoretical understanding, professionals learn evidence-based practices for students with ASD and implement these practices in their educational settings with support from instructors. Credit Level: G. Credit Hrs: 3.00-6.00

18SPED725
Advanced Strategies in Special Education
This course is designed for Masters students enrolled in the online special education masters program at the University of Cincinnati. This course covers (a) advanced instructional strategies and circular planning for children and youth with exceptionalities and (b) advanced methods in providing instructional best practices to the heterogeneous groups of students found in general education contexts. Credit Level: G. Credit Hrs: 4.00

18SPED738
Documenting Professional Practice Through Media
Strategies for documenting and reflecting on professional practice through the use of video; generating evidence for best practice and student learning. Credit Level: G. Credit Hrs: 3.00

18SPED740
Teaching Associate Experience
This field experience provides participants with teaching experiences designing, implementing, and evaluating instruction for learners with disabilities. Credit Level: G. Credit Hrs: 1.00-3.00

18SPED745
Clinical/Field Practicum: Special Education
Experiences in schools and agencies serving individuals with disabilities. Credit Level: G. Credit Hrs: 1.00-3.00

College of Education, Criminal Justice, and Human Services

Special Education

18SPED745
Clinical/Field Practicum: Special Education
disabilities. Credit Level: G. Credit Hrs: 1.00-3.00

18SPED766
Health, Wellness, Leisure, and Transitions
Techniques of delivering career education to individuals with disabilities. Credit Level: G. Credit Hrs: 3.00

18SPED767P
Gifted End: Cultural Diversity and Family GCT
Develop knowledge, understanding, and respect for the needs and requirements of students with diverse learning needs in various educational settings. This is a professional graduate course offered by the Graduate Program in Special Education in the College of Education, Criminal Justice, and Human Services. Credit Level: G. Credit Hrs: 3.00

18SPED768P
Gifted End: Assessment
Learn to analyze and understand assessment. Learn the implications of effective assessment for professional development and the role of bias and distortion in the assessment process. This is a professional graduate course offered by the Graduate Program in Special Education in the College of Education, Criminal Justice, and Human Services. Credit Level: G. Credit Hrs: 3.00

18SPED769P
Gifted End: Collaboration
Students will demonstrate an understanding of technology for planning and managing; choose technologies to modify the instructional process; learn grouping practices that support different learning environments; and identify and prioritize areas of general and differentiated curricula. This is a professional graduate course offered by the Graduate Program in Special Education in the College of Education, Criminal Justice, and Human Services. Credit Level: G. Credit Hrs: 3.00

18SPED770P
Gifted End: Practicum
Develop and maintain a relationship with the mentor and other members of the team, and interact in the role of instructor to students. This is a professional graduate course offered by the Graduate Program in Special Education in the College of Education, Criminal Justice, and Human Services. Credit Level: G. Credit Hrs: 3.00

18SPED778
Classroom Structure/Behavior Management for Special Education
Principles and practice in classroom structure and behavior management for special education. Credit Level: G. Credit Hrs: 3.00

18SPED781
Concepts and Issues in Developmental Disabilities
A survey course for full-time majors in the field studying the total range of mental disability. Credit Level: G. Credit Hrs: 3.00

18SPED783
Language Development: Implications for Special Education
A survey of normal language development in children; factors influencing language development and learning; implications for educating children with special needs in this area. Credit Level: G. Credit Hrs: 3.00

18SPED785
Thesis Guidance
Individual guidance for Special Education majors who are working on a thesis in the master's degree program. Credit Level: G. Credit Hrs: 1.00-9.00

18SPED786
Master's Project Guidance I
Individual guidance for Special Education majors who are working on a special project in the master's degree program. Prereq: 18SPED787. Credit Level: G. Credit Hrs: 3.00

H=University Honors course.
Special Education

18SPED877 Master's Project Seminar in Special Education
Exploration of current trends and issues for practitioners. Credit Level: G. Credit Hrs: 3.00

18SPED790 Intervention Specialist Internship: Moderate to Intense
This course provides opportunities for the graduate student Intern to develop skills in supporting learners' development through the practice of effective instruction. Credit Level: G. Credit Hrs: 1.00-15.00

18SPED796 Intervention Specialist Internship: Mild to Moderate
Teaching Internship working with students who have mild to moderate educational needs. Credit Level: G. Credit Hrs: 1.00-15.00

18SPED871 Individual Study in Special Education
Individual research on a problem in the field of special education. Must have signed contract before quarter begins. Credit Level: G. Credit Hrs: 1.00-6.00

18SPED872 Readings in Special Education
Selected readings regarding major research contributions in an area of special education. Written contract required before quarter begins. Credit Level: G. Credit Hrs: 1.00-6.00

18SPED879 Assessment and Intervention in the Classroom
This course will focus on special topics associated with assessment and evaluation of learners who have special needs. Credit Level: G. Credit Hrs: 3.00

18SPED891 Doctoral Seminar in Special Education I
Introduces selected research ideas and methodologies in special education and related fields. Credit Level: G. Credit Hrs: 1.00

18SPED892 Doctoral Seminar in Special Education II
Investigates and critically analyzes selected research literature in special education and related fields from a methodological and conceptual basis. Credit Level: G. Credit Hrs: 1.00

18SPED893 Doctoral Seminar in Special Education III
Investigates and critically analyzes selected research literature in special education and related fields from a methodological and conceptual basis. Credit Level: G. Credit Hrs: 1.00

18SPED897 Doctoral Research in Special Education I
First in a three-course sequence providing students with the foundational knowledge for disabilities studies. Credit Level: G. Credit Hrs: 3.00

18SPED898 Doctoral Research in Special Education II
Second of a three-course sequence providing students with the skills to identify appropriate RFP's, design projects, and write proposals for external funding. Credit Level: G. Credit Hrs: 3.00

18SPED899 Doctoral Research in Special Education III
Third of a three-course sequence providing students with skills emphasizing writing for scholarship, publication, and presentation. Credit Level: G. Credit Hrs: 3.00

18SPED901 Theory and Practice in Multidiscipline Evaluation and Diagnosis of Exceptional Children
Advanced instruction in methods and techniques used in the appraisal of exceptional children and youth. Credit Level: G. Credit Hrs: 3.00-5.00

18SPED902 Practicum in Multidiscipline Evaluation and Diagnosis of Exceptional Children
Principles covered in 18SPED901 during supervised program of practical experience. Credit Level: G. Credit Hrs: 3.00-5.00

18SPED903 Seminar and Practicum on Multidiscipline Evaluation and Diagnosis of Exceptional Children
Case study approach. Problems of evaluation; appraisal of exceptional children and youth at CCDD. Credit Level: G. Credit Hrs: 3.00-5.00

18SPED904 Doctoral Internship in Special Education
Orientation, observation, and participation in educational agencies devoted to serving exceptional children, youth, and adults. Quarter and time to be arranged. Credit Level: G. Credit Hrs: 3.00-15.00

18SPED952 Professional Seminar in Teacher Education II: Diversity of Learners and Schooling Processes
Seminar examining the diversity of learners in social groups and the socially constructed nature of the schooling practices that affect them. Credit Level: G. Credit Hrs: 3.00

18SPED971 Non-Thesis Research by a Doctoral Student
Individually supervised research project completed under the tutelage of a full-time faculty member. Credit Level: G. Credit Hrs: 3.00-15.00

18SPED973 Individual Dissertation Guidance
Hours and credit to be arranged. Offered quarterly. Credit Level: G. Credit Hrs: 1.00-15.00

18SPED975 Current Trends and Issues in Special Education: Seminar
An investigation of current trends and issues in the field of special education. Credit Level: G. Credit Hrs: 3.00

Treatment

18TRMT279 Gender Interaction in Treatment
This course examines gender communication and research that has been done on the subject. BoK: SS., HU. Credit Level: U. Credit Hrs: 3.00

18TRMT281 Native American Culture and Treatment Applications
Introduces students to Native American cultures by reviewing literature and cultural practices as they relate to treatment. BoK: DC., LT. Credit Level: U. Credit Hrs: 3.00

18TRMT283 Understanding the Intervention of Batterers
The purpose of this course is to introduce the student to the theoretical aspect of understanding batterer intervention, including an historical overview of the intervention movement, theories related to intervention approaches, goals of batterer intervention, current trends, and setting up a comprehensive and effective batterer program. Students will become aware that "intervention of batters" takes specific skills and knowledge beyond "general" intervention. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00

18TRMT312 Dynamics of Victimization
The purpose of this course is to introduce the student to the dynamics of victimization. The student will learn some history of violence and oppression and the correlation between the two. The different types of abuse, the cycle of violence, and cultural reactions to abuse will be introduced to the student. BoK: SS., SE. Credit Level: U. Credit Hrs: 3.00
Urban Educational Leadership

18UEL801 Professional Seminar in Urban Educational Leadership
This course is limited to first year doctoral students in Urban Educational Leadership for whom it is required as preparation for meeting program requirements. Credit Level: G. Credit Hrs: 3.00

18UEL817 Individual Study in Urban Educational Leadership
Supervised individual study of selected issues in urban educational leadership. By contract with faculty member. Credit Level: G. Credit Hrs: 1.00-6.00

18UEL876 Special Topics in Urban Education Leadership
Seminar on selected issues in urban educational leadership. Credit Level: G. Credit Hrs: 1.00-3.00

18UEL879 Leadership in P-16 Partnerships
Seminar examining how the quality of student learning and achievement in urban schools can be enabled through strong, sustaining, and systemic partnerships involving key institutions across the community. Credit Level: G. Credit Hrs: 3.00

18UEL901 Theoretical Foundations of Urban Education Leadership
Cohort seminar designed to introduce students to the theoretical frameworks and research practices surrounding urban educational leadership issues. Credit Level: G. Credit Hrs: 3.00

18UEL912 UEL Seminar: Leading Urban Educational Organizations through Change
Cohort seminar designed to introduce students to the methods and theoretical frameworks used by education leaders to foster change in urban educational organizations. Credit Level: G. Credit Hrs: 3.00

18UEL913 Leading, Learning, and Teaching in Urban Communities
Cohort seminar designed to introduce students to the processes used by educational leaders to facilitate effective learning and teaching in urban educational organizations. Credit Level: G. Credit Hrs: 3.00

18UEL914 Social, Political, Economic, and Legal Contexts of Urban Educational Leadership
Cohort seminar designed to introduce students to the various social, political, economic, and legal contexts surrounding the practice of urban educational leadership. Credit Level: G. Credit Hrs: 3.00

18UEL930 Internship Development
Course provides students with guidance in the development and location of mentored Internships. Credit Level: G. Credit Hrs: 3.00

18UEL931 Internship I
First in a two-course sequence of mentored Internships designed to give students opportunities to practice and develop leadership skills in urban school and community settings. Credit Level: G. Credit Hrs: 3.00

18UEL932 Internship II
Second in a two-course sequence of mentored Internships designed to give students opportunities to practice and develop leadership skills in urban school and community settings. Prereq: 18UEL931. Credit Level: G. Credit Hrs: 3.00

18UEL973 Individual Dissertation Guidance
Individual guidance in doctoral dissertation research. Hours and credits to be arranged. Credit Level: G. Credit Hrs: 1.00-15.00

H=University Honors course.