

EDUCATION (EDED)

EDED 5304 Grad Teacher Cert Internship

Credits: 3 (3-0-0)

Designed for teachers seeking certification under the graduate teacher certification program. Provides extensive supervised experiences in a setting aligned with student's chosen program. Course is repeated consecutively for two three-credit hour courses to meet state alternative certification requirements of six hours of internship. A fee of \$3,800 will be assessed (with payment options) as part of the internship year requirements.

Prerequisites: bachelor's degree from a regionally accredited institution, employment by a school district and criteria for admission to the alternative certification program.

Restrictions: Enrollment is limited to Graduate level students.

Repeat Status: Course may be repeated 1 time(s).

EDED 5307 Pedagogy I: Theory & Design

Credits: 3 (3-0-0)

This introductory pedagogy course will expose students to the foundational concepts of educational theory, curriculum, pedagogy, and assessment. Students will learn to plan, implement, and assess effective and engaging learning experiences.

Restrictions: Undergraduate level students may not enroll.

EDED 5310 Microcomputers in Education

Credits: 3 (3-0-0)

Methods/strategies for utilizing microcomputers and related technology in public school settings; evaluation and review of software; fundamentals of computer-assisted and computer-managed instruction.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5329 Educational Research

Credits: 3 (0-0-3)

Course addresses basic concepts associated with research as well as historical development of research methodologies. Emphasis will be on research design and the exploration of threats to various types of validity and reliability. Students will be expected to critically evaluate existing research and understand how research impacts policies and procedures in education. Focus will be on research in applied educational settings. This course is writing intensive and students are expected to generate new knowledge in an educational area of choice. American Psychological Association manual style will be emphasized. This course meets the requirements for Plan II and Plan III graduation requirement of a research project produced as a major assignment in a 3 hour 5000 level, research-titled course.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5351 Science Mthd for Mid & Sec Lvl

Credits: 3 (3-0-0)

This course provides teacher candidates with the knowledge and skills necessary to teach adolescents in the middle and secondary philosophies; school organization; middle level and secondary curriculum, instruction and assessment teaching skills; and middle level and secondary professional roles. This is a methods course.

Prerequisites: Admission to the teacher education program.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5352 Math Mthds Middle & Sec Levels

Credits: 3 (3-0-0)

This course provides teacher candidates with a method of teaching and assessing math in the middle and secondary levels; including methods of selecting and organizing math programs, the sequence of the content of the math curriculum, adapting and enriching math programs to meet the needs of all students, and creating assessments aligned with the math curriculum. This is a methods course.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5354 Social Std Mthds Mid & Sec Lvl

Credits: 3 (3-0-0)

This course provides teachers candidates with a method of teaching and assessing social studies in the middle and secondary levels; including methods of selecting and organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum. This is a methods course.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5355 Lang Arts Mthds: Mid & Sec Lvl

Credits: 3 (3-0-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Strategies for teaching reading in the content area, specifically for the middle and secondary levels, with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, the implementation of writing and the application of advanced writing in the content areas will be emphasized.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5361 Math & Science Mthds EC & Elem

Credits: 3 (3-0-0)

This course provides teacher candidates with a method of teaching and assessing mathematics and science in the early childhood levels; including methods of selecting and organizing the mathematics and science programs, the sequence of the content of the mathematics and science curriculum, adapting and enriching mathematics and science programs to meet the needs of all students, and creating assessments aligned with the mathematics and science curriculum. This is a methods course.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5362 Engl & Soc Std Mthds EC & Elem

Credits: 3 (3-0-0)

This course provides teacher candidates with a method of teaching and assessing English language arts and social studies in the early childhood and elementary levels; including methods of selecting and organizing programs, the sequence of the content of the English language arts and social studies curriculum, adapting and enriching these programs to meet the needs of all students, and creating assessments aligned with the English language arts and social studies curriculum.

Restrictions: Enrollment is limited to Graduate level students.

EDED 5363 Human Dev & Lrng Thry Children**Credits:** 3 (3-0-0)

This course provides training for teachers and professionals educators to improve effectiveness through an organized framework of scientific knowledge of human growth and development; emphasis on physical/ affective processes affecting learning and current research trends for early childhood through elementary levels. Course may not be taken for EDCG 5335 Human Development Across the Lifespan or EDCG 5338 Advanced Child and Adolescent Growth and Development.

Restrictions: Enrollment is limited to Graduate level students.**EDED 5364 Human Dev & Lrng Thry Adoles****Credits:** 3 (3-0-0)

This course provides training for teachers and professional educators to improve effectiveness through an organized framework of scientific knowledge of human growth and development; emphasis on physical/ affective processes affecting learning and current research trends for middle and secondary level students (i.e., childhood through adolescence). Course may not be taken for EDCG 5335 Human Development Across the Lifespan or EDCG 5338 Advanced Child and Adolescent Growth and Development.

Restrictions: Enrollment is limited to Graduate level students.**EDED 5366 Instr Strat & Clssrm Mgmt Elem****Credits:** 3 (3-0-0)

This course focuses on a variety of advanced instructional models, methods and techniques appropriate for elementary levels. Inductive, Deductive, Social and Independent approaches to teaching will be demonstrated and discussed with a focus on appropriate methods for differentiating instructions. Along with instructional techniques, classroom assessment for instructions and diagnosis will be included. In addition, this course will focus on understanding the theoretical basis of classroom management and the practical application. These strategies cover a wide spectrum of issues concerning communication with families, motivation of students and culturally responsive techniques for managing diverse elementary classrooms. This course will require 15 hours of field observation.

Restrictions: Enrollment is limited to Graduate level students.**EDED 5367 Inst Strat & Clssrm Mgmt Scdry****Credits:** 3 (3-0-0)

This course focuses on a variety of advanced instructional models, methods and techniques appropriate for middle and secondary levels. Inductive, Deductive, Social and Independent approaches to teaching will be demonstrated and discussed with a focus on appropriate methods for differentiating instruction. Along with instructional techniques, classroom assessment for instruction and diagnosis will be included. In addition, this course will focus on understanding theoretical basis of classroom management and the practical application. These strategies cover a wide spectrum of issues concerning communication with families, motivation of students and culturally responsive techniques for managing diverse elementary classrooms. This course will require 15 hours of field observation.

Restrictions: Enrollment is limited to Graduate level students.**EDED 5368 Pedagogy II: Instructional Practice****Credits:** 3 (3-0-0)

This course expands on the concepts and theories taught in Pedagogy I. Students will continue to develop skills in lesson planning, classroom engagement strategies, differentiation for diverse populations of students, and assessment.

Restrictions: Undergraduate level students may not enroll.**EDED 5369 Managing the Learning Environment****Credits:** 3 (3-0-0)

This course provides the knowledge and skills necessary for teachers to create a classroom environment of respect and rapport that fosters a positive climate for learning, equity, and excellence. Specifically, this course focuses on managing classroom procedures, managing student behavior, and maintaining a physical and emotional environment that is safe and productive.

Restrictions: Undergraduate level students may not enroll.**EDED 5371 Pedagogy III: Curr Planning****Credits:** 3 (3-0-0)

This course is the final course in the pedagogy sequence. In this course, students will design a multi-day lesson plan sequence incorporating responsive instruction, effective communication techniques, instructional strategies that actively engage K-12 students in the learning process, and provide timely, high-quality feedback.

Restrictions: Undergraduate level students may not enroll.