

Department of Education

Description of Courses

ED 130 Orientation to Teaching (W) 2 hours

An introductory course that includes an overview of the American school system and the preparation and qualities essential for successful teaching in public and private schools. Students will engage in classroom observation and participation in public school classrooms. Prerequisite for admission to teacher education.

ED 200 Educational Psychology (W) 3 hours

A study of the nature of teaching and learning, which addresses the fundamentals involved in the expected developmental progression of the learning process. The course focuses on ways in which psychological knowledge is applied to teaching at each domain (physical, social, emotional, and cognitive) as individual characteristics that influence instructional decisions. Additionally, it includes an investigation of theories of learning and motivation and their instructional applications in educational settings. Prerequisites: PY 101 or SO 101, and ED 130.

ED 240 Principles of Teaching N-12 2 hours

A course designed to give the prospective teacher an understanding of the principles and procedures of teaching. Opportunity is provided for observing, assisting, and instructing in laboratory classroom activities, including required experiences in a multigrade classroom. Prerequisite: ED130

ED 250 Philosophy of Christian Education 2 hours

A study of the fundamental principles, concepts, and aims of Christian education.

ED 254 History, Philosophy, and Foundations of Education (W) 2 hours

A study of historical, philosophical, and sociological foundations of education. Special emphasis will be placed on ways of addressing the challenges posed by the cultural diversity in American schools. Prerequisite: ED 130.

ED 275 Instructional Technology 3 hours

A course designed to provide the prospective teacher with a functional knowledge of the computer and how to infuse technology in the classroom. It also encompasses a variety of current technologies and media applications for specific instructional designs in curriculum development and classroom presentations as well as the evaluation, selection, and use of technological materials and equipment. Additionally, a working knowledge of programming and software applications, such as word processing, spreadsheets, database, and PowerPoint is included. Prerequisite: one unit of high school typing or AS 120.

ED 300 Classroom Organization and Management 3 hours

Analysis and implementation of effective classroom organization in self-contained, nongraded and multigraded settings. Strategies for effective discipline, flexible grouping patterns, and healthy classroom climate are investigated. Prerequisites: ED 130 and 240 and admission to teacher education.

ED 311-318 Methods and Materials of Teaching: K-8

A series of courses in methods and materials used in teaching subject matter to elementary students. Emphasis is placed on technology infusion as well as planning and implementing unit activities in simulated and field experiences. Prerequisites: ED 200 and 240 and admission to teacher education.

ED 311 Methods in Teaching Science and Health: K-8 3 hours

ED 312 Methods in Teaching Music: K-8 3 hours

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ED 313 Methods in Teaching Language Arts and Children's Literature: K-8 3 hours

ED 315 Methods in Teaching Mathematics: K-8 3 hours

ED 316 Methods in Teaching Art: K-8 3 hours

ED 317 Methods in Teaching Bible: K-8 2 hours

ED 318 Methods in Teaching Social Studies and Bible: K-8 3 hours

ED 331-338 Methods and Materials of Teaching in the Secondary Schools

A series of courses in methods and materials used in teaching subject matter to students in the high school and intermediate grades. Emphasis is placed on planning and implementing specific learning activities in simulated and clinical settings. Prerequisite: ED 240, 300 and admission to teacher education.

ED 331 Methods in Teaching Bible in the Secondary School 2 hours

ED 332 Methods in Teaching Language Arts in the Secondary School 3 hours

ED 333 Methods in Teaching Social Studies in the Secondary School 2 hours

ED 334 Methods in Teaching Mathematics in the Secondary School 2 hours

ED 335 Methods in Teaching Science in the Secondary School 2 hours

ED 336 Methods in Teaching Family and Consumer Sciences in the Secondary School 2 hours

ED 337 Foundations in Vocational Education 2 hours

ED 338 Business Education Techniques 2 hours

ED 340 Methods in Teaching Secondary Reading 3 hours

A content area reading course designed to acquaint the pre-service teacher with reading and study strategies needed to address content assignments with understanding. Prerequisite: admission to teacher education.

ED 341 Foundations of Reading 3 hours

A course designed to examine the current trends and strategies used in teaching reading. Students are required to develop teacher-made materials and participate in teaching children to read as part of the field practicum activities. Prerequisite: ED 240.

ED 342 Reading Diagnosis and Remediation 3 hours

This course investigates current practices, trends, techniques, and materials for diagnosis and remediation of reading difficulties. Prerequisite: ED 341.

ED 350 Introduction to Special Education (W) 3 hours

This course acquaints prospective teachers and professional workers with the characteristics and problems of exceptional children and youth, including: the mentally retarded and advanced; the emotionally maladjusted; and those having visual, hearing, speech, or other physical handicaps. Prerequisite: ED 130

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ED 370 Educational Tests and Measurements 3 hours

A course designed to provide functional knowledge of the meaning, use, and operation of tests and measurements in education. Use of measurement procedures in collecting data and applying appropriate statistical procedures in interpreting the results is presented. The role of evaluation in classroom instruction, the development of standardized tests, teacher-made tests, and other types of tests, as well as the grading system, are studied. Prerequisites: ED 200 and ED 240.

ED 400 Praxis II 1 hour

This course will provide teacher candidates systematic and meaningful assistance in their preparation for Praxis II examination.

ED 420/430/440 Internship (420-Elementary; 430-Secondary; 440-P-12) 11 hours

This course is offered each semester in cooperation with selected area schools. The student teacher will be assigned to a cooperating teacher at the beginning of the semester and will be expected to spend a minimum of 16 weeks full-time internship in the area school. Student teachers are expected to provide their own transportation to their teaching centers and to follow the school calendars where they are assigned. College transportation is provided for a fee. The course requires weekly attendance at the student teaching seminars. Application to student teaching should be made during the spring semester prior to the beginning of the academic year in which student teaching is planned. Prerequisite: must pass the English Proficiency exam; senior standing.

ED 475 Introduction to Technology in Education 3 hours

This course is designed to equip the in-service teacher with technology skills as identified by ISTE standards and to address the current state of the art concepts in educational technology. Designed as a laboratory course it provides extensive hand-on experiences with microcomputers and other emerging technology. Emphasis is on enabling the in-service teacher to integrate technology in an instructional setting. Students will develop a web site and produce a portfolio of teaching materials. Offered summers only. \$20.00 laboratory fee.

ED 476 Advanced Technology in Education 3 hours

This course is designed to equip the in-service teachers with skills to complete six technology projects that address the ISTE standards not included in ED 475. It provides extensive hand-on experiences with microcomputers and other emerging technology. Emphasis is on enabling the in-service teacher to integrate technology in an instructional setting. Students will develop a web site and produce a portfolio of teaching materials in each project. Offered summers only. \$20 laboratory fee.

ED 490-491 Research and Independent Study each 1-3 hours

A major research project which contributes to the knowledge base of the field of education. The project is tailored to the student's area of professional interest. Prerequisite: admission to teacher education and permission of the department chair.