Education-Curriculum and Instruction (EDCI)

Courses

EDCI 540. Differentiated Curriculum and Instruction: Creativity, Thinking and Problem Solving. 4 Units.
Methods of designing curriculum and instruction to accommodate differences and diversity in learners, with an emphasis on utilizing differentiated instructional methodologies to meet needs of all learners in the regular classroom.

EDCI 543. Creativity, Thinking and Problem Solving. 4 Units.
Emphasis on Characteristics, needs and appropriate education of creatively gifted individuals. Strategies for regular classroom applications of creative and critical thinking skills and infusion of problem solving across the curriculum.

EDCI 620. School Curriculum. 4 Units.
History, organization and operation of American K-12 schools; curriculum trends; recent practices in K-12 education. Formerly EELB 622, 640, 662; ESEC 662 and 699.

EDCI 624. Advanced Teaching Methodology. 4 Units.
Development of various advanced teaching methods as well as self and peer coaching for the improvement of teaching. Formerly EELB 580, 624; ESEC 516 and 624.

EDCI 628. Educational Assessment in K-12 Schools. 4 Units.
Development and utilization of educational assessment techniques to obtain reliable and useful information to document student achievement in K-12 schools. Includes the study of traditional assessment measures as well as authentic assessment and outcome-based methods. Formerly EELB 644 and ESEC 644.

EDCI 630. Childrens Literature in the Classroom. 4 Units.
Prerequisites: EELB 345 or consent of instructor
Intensive study of children's literature as it applies in elementary and middle school classrooms with an emphasis on developing familiarity with the variety and wealth of literature available, strategies for classroom instruction and appropriate assessment tools. Formerly EELB 630.

EDCI 632. Mathematics Clinic. 4 Units.
Prerequisites: MATH 301 and four additional quarter units in mathematics
Administration of diagnostic instruments and assessment procedures to elementary school students, followed by prescription and initiation of remedial measures to strengthen the mathematics areas. Formerly EELB 632.

EDCI 633. History of Education in the United States. 4 Units.
History of education in the United States for educational professionals, including key events, policy changes and social movements that have shaped contemporary schooling, with an emphasis on social and cultural changes that transformed education.

EDCI 634. Contemporary Issues in Social Studies. 4 Units.
Advanced seminar exploring contemporary issues as well as current research, curriculum, and methods in K-12 social studies instruction.

EDCI 636. Advanced Science Methods. 4 Units.
Prerequisites: consent of instructor
Intensive study of teaching science in elementary school. Exploration, analysis, interpretation and implementation of science process teaching. Intended for experienced teachers. Formerly EELB 636.

EDCI 638. Advanced Educational Psychology. 4 Units.
Prerequisites: an upper-division child development course
Advanced seminar exploring recent theory and research on cognition, personality, and psychosocial development with an emphasis on examining their interactions with the learning process. Formerly EELB 620 and ESEC 620.

EDCI 640. Content Standards in Curriculum, Instruction and Assessment. 4 Units.
Prerequisites: preliminary teaching credential from California
Students will incorporate content standards into their curricula, instructional practices and assessment methods. This course may be applied for the Clear credential in multiple and single subjects.

EDCI 641. Curriculum and Policy. 4 Units.
History, organization and operation of American K-12 schools. Particular emphasis on curriculum trends, student assessment, educational policy, and current reform efforts.

EDCI 645. Academic Language Development Strategies K-12. 4 Units.
Prerequisites: an upper-division child development course
Presents core readings and an underlying rationale that emphasize the fundamental connection between academic/content area language development and overall academic achievement.

EDCI 650A. Professional Teacher Development: Seminar A. 4 Units.
Designed to support teachers pursuing National Board Certification. Teachers will review research of effective teaching strategies and examine their own practice as a foundation for effective decision making. Emphasis on student learning and development, student motivation, and the influence of context and culture on student learning and behavior. In addition, teachers will examine subject matter knowledge including how disciplinary knowledge is created, organized, linked to other disciplines, and applied to real world settings. Formerly EELB 650A and ESEC 650A.
EDCI 650B. Professional Teacher Development: Seminar B. 4 Units.
Prerequisite/Corequisite: EDCI 650A
Assists teachers pursuing National Board Certification. Examines instructional settings and techniques designed to capture and sustain student interest and ensure academic success. In addition, teachers will examine the use of multiple methods for measuring student growth and understanding. Formerly EELB 650B and ESEC 650B.

EDCI 652. Service Learning in Public Schools. 4 Units.
Study of service learning, a pedagogy that integrates academic curriculum with community service. Examines the principles and best practices of including service learning in classrooms. Includes a field component. Formerly EELB 652 and ESEC 652.

EDCI 653. Supervision and Mentoring of Classroom Teachers. 4 Units.
Emphasizes the skills needed to support and mentor teachers as outlined in the California Standards for the Teaching Profession. Formerly EELB 653 and ESEC 653.

EDCI 655. Early Adolescent Educational Psychology. 4 Units.
Advanced seminar exploring recent theory and research on cognition, personality, and psycho-social development in early adolescents (grades 5-9) with emphasis on examining their interactions with the learning process.

EDCI 656. Curriculum for Early Adolescents. 4 Units.
Prerequisites: EDCI 620 and 628
Curriculum development and alignment to the state standards for grades 5-9, including assessment and accountability methods and measures. Formerly ESEC 517 and 617.

EDCI 657. Instructional Strategies for Early Adolescent Education. 4 Units.
Prerequisites: EDCI 624
Effective instructional methods and evaluation procedures that address the needs of early adolescents in grades 5-9. Formerly ESEC 521 and 621.

EDCI 663. Comprehensive Evaluation in Curriculum and Instruction. 2 Units.
Prerequisites: advancement to candidacy and permission of program coordinator
Review and preparation for the written comprehensive examination as well as the administration of the comprehensive examination. Formerly EELB 633 and ESEC 633. Graded credit/no credit.

EDCI 999. Comprehensive Examination. 0 Units.
Prerequisites: advancement to candidacy, approval of department, completion of course work in the masters program, and in good academic standing
An assessment of the students ability to integrate the knowledge of the area, show critical and independent thinking and demonstrate mastery of the subject matter. Grade credit/no credit.