

EDCI - EDUC CURRICULUM & DEV (EDCI)

EDCI 285 Directed Studies

Credits 1 to 4. 1 to 4 Other Hours. Research problems and readings in areas selected to supplement existing offerings; individual reports, oral and written, required. **Prerequisites:** Freshman or sophomore classification; approval of instructor.

EDCI 289 Special Topics in...

Credits 1 to 4. 1 to 4 Lecture Hours. Selected topics in an identified area of educational curriculum and instruction. May be repeated for credit. **Prerequisite:** Approval of department head.

EDCI 291 Research

Credits 1 to 4. 1 to 4 Other Hours. Research conducted under the direction of faculty members in the Department of Teaching, Learning and Culture. May be taken four times for credit. **Prerequisites:** Freshman or sophomore classification and approval of instructor.

EDCI 353 Early Childhood through Adolescent Education

Credits 3. 3 Lecture Hours. (TECA 1311) Early Childhood through Adolescent Education. Early childhood through adolescent approaches and instructional materials appropriate for EC through middle school programs; impact of research and theory on child development from gestation to early adolescence on instructional practices. **Prerequisites:** Junior or senior classification.

EDCI 354 Early Childhood and Adolescent Curriculum and Lesson Design

Credits 3. 3 Lecture Hours. Examination of curriculum models used in educational environments designed for young children through adolescents and the organization of the curriculum; investigation of state-adopted curriculum knowledge and skills standards and materials as well as their use and expansion. **Prerequisites:** EDCI 353; TEFB 371 or concurrent enrollment.

EDCI 358 Instructional Methods in Engineering and Technology Education

Credits 3. 3 Lecture Hours. Instructional methods of teaching and instruction in engineering and technology at the secondary level. **Prerequisites:** Concurrent enrollment in TEFB 322 or TEFB 324; junior or senior classification.

EDCI 364 Interaction Processes with Children in Groups

Credits 3. 3 Lecture Hours. Instruction in application and adaptation of principles of effective verbal and non-verbal communication to their interactions with children in early childhood settings; training in interpersonal communication skills and positive guidance techniques such as how to listen and talk to children, how to prevent problems before they occur, methods of achieving positive discipline in early childhood programs, and scaffolding children's understandings and learning in all areas via effective interactions. **Prerequisites:** EDUC majors; junior or senior classification; concurrent enrollment in TEFB 273.

EDCI 365 Using Technology Classrooms

Credits 3. 3 Lecture Hours. Overview of technology as it relates to the design of instruction and practices that support effective teaching and learning; how learning theories are reflected in and supported by technology; design and implementation of virtual learning experiences, including assessment of student learning; implementation of effective digital literacy practices. **Prerequisite:** Junior or senior classification.

EDCI 485 Directed Studies

Credits 0 to 4. 0 to 4 Other Hours. Research problems and readings in areas selected to supplement existing offerings; individual reports, oral and written, required. **Prerequisites:** Junior or senior classification; approval of instructor.

EDCI 489 Special Topics in...

Credits 0 to 4. 0 to 4 Lecture Hours. Study of selected topics in an identified area of curriculum and instruction. May be repeated for credit. **Prerequisite:** Approval of department head.

EDCI 491 Research

Credits 1 to 4. 1 to 4 Other Hours. Research conducted under the direction of faculty members in the Department of Teaching, Learning and Culture. May be taken four times for credit. **Prerequisites:** Junior or senior classification and approval of instructor.