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.
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:** Admission to teacher education.

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:** TEFB 324 or concurrent enrollment; junior or senior classification.

EDCI 364 Creativity and the Young Child
Credits 3. 3 Lecture Hours.
Creative expression in young children with a focus on artistic and musical expression, creative movement and creative dramatics; creativity as related to development of the right hemisphere of the brain.
**Prerequisites:** EPSY 320; concurrent enrollment in EDCI 453.

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; current and emerging applications in technology delivered and supported learning environments.
**Prerequisite:** Junior or senior classification.

EDCI 455 Home-School Involvement in Early Childhood Education
Credits 3. 3 Lecture Hours.
The family unit, home-school relationships and strategies for building cooperative activities with parents in the education of their children; experience with the development of parent involvement materials.
**Prerequisites:** EDCI 364 and EDCI 453; admission to teacher education.

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.