

# Early Childhood Education - CTEC

---

## Courses

**CTEC 3020 PRIMARY MATH AND SCIENCE (3)** LEC. 3. Exploration of learning and pedagogy for the development of math and science concepts appropriate for children in Kindergarten through Grade 3.

**CTEC 3030 INTEGRATED CURRICULUM IN PRESCHOOL: EARLY LITERACY (3)** LEC. 3. Coreq. CTEC 4911. This course focuses on the foundations of literacy learning including play, developmentally appropriate practices, and integration within and across disciplines through multisensory, multimodal means, connecting to the Alabama Developmental Standards. Admission to Teacher Education.

**CTEC 3200 A WORKING THEORY FOR THE CONSTRUCTIVIST EDUCATOR (3)** LEC. 3. Constructivist theory for pre-service teachers preparing to teach at the early childhood level.

**CTEC 4200 THE CONSTRUCTIVIST TEACHER: STRATEGIES AND TECHNIQUES (3)** LEC. 3. Pr. CTEC 3200. Coreq. CTEC 4912. Construction of an operational knowledge of established constructive curriculum strategies and techniques.

**CTEC 4210 THE CONSTRUCTIVIST TEACHER: GROWING PROFESSIONALLY (1)** AAB/DSL. 1. Pr. P/C CTEC 4920 or P/C CTEC 4923. Admission to Clinical Residency. The roles and responsibilities of being an early childhood professional. May count either CTEC 4210 or CTEC 4213.

**CTEC 4900 DIRECTED STUDIES (1-6)** IND. SU. Departmental approval. Reading, research or other work undertaken independently by a student focused on a content area of special interest. Course may be repeated for a maximum of 6 credit hours.

**CTEC 4910 PRACTICUM (1-6)** PRA. SU. Departmental approval. Students and faculty cooperatively select and execute an appropriate field experience. Course may be repeated for a maximum of 6 credit hours.

**CTEC 4911 PRACTICUM IN THE PRESCHOOL (2)** LEC. 2. SU. Pr. CTEC 3200. Coreq. CTEC 3030. Laboratory experiences with children from birth to five years of age designed to help students relate theory to practice.

**CTEC 4912 PRACTICUM IN PRIMARY GRADES (2)** LEC. 2. SU. Pr. CTEC 3200. Coreq. CTEC 4200. Laboratory experiences with children 5 through 9 years of age help students relate theory to practice. Course may be repeated for a maximum of 20 credit hours.

**CTEC 4920 CLINICAL RESIDENCY (1-12)** AAB/DSL. 1-12. SU. Pr. P/C CTEC 4210 or P/C CTEC 4213. Admission to Clinical Residency. Experience in a setting serving pre-primary or primary-school children with varying abilities. Admission to internship. May count either CTEC 4920 or CTEC 4923. Course may be repeated for a maximum of 12 credit hours.

**CTEC 7200 EARLY CHILDHOOD EDUCATION PERSPECTIVE (3)** LEC. 3. Historical overview of current issues, trends, and programs in early childhood education. May count either CTEC 7200 or CTEC 7206.

**CTEC 7210 ORIGINS OF THOUGHT (3)** LEC. 3. Piaget's theories of how thought develops in young children. Comparison of the social and biological roots of thought. May not count either CTEC 7210 or CTEC 7216.

**CTEC 7260 PLAY AND EARLY CHILDHOOD EDUCATION (3)** LEC. 3. Examination of children's play from a constructivist theoretical perspective and translation of theory into early childhood educational practice. May count either CTEC 7260 or CTEC 7266.

**CTEC 7270 THEORY-BASED PROBLEMS IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. In-depth exploration of a problem related to the thought, writing and research that form the theoretical foundations of constructivist approaches in early childhood education. May count either CTEC 7270 or CTEC 7276. Course may be repeated for a maximum of 9 credit hours.

**CTEC 7510 RESEARCH STUDIES IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. How to read, review, analyze and interpret significant research studies in early childhood education. May count either CTEC 7510 or CTEC 7516.

**CTEC 7520 CURRICULUM AND TEACHING IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. Reappraisal of experiences and content for children by focusing on the nature of the learner and the nature of the knowledge to be learned. May count either CTEC 7520 or CTEC 7526.

**CTEC 7530 ORGANIZATION OF PROGRAM IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. Organization, administration, and supervision of early childhood programs. May count either CTEC 7530 or CTEC 7536.

**CTEC 7540 EVALUATION OF PROGRAMS IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. Assessment and evaluation of all program components from a constructivist perspective. May count either CTEC 7540 or CTEC 7546.

**CTEC 7900 DIRECTED STUDIES (1-6)** DSL/IND. SU. Departmental approval. Independent learning objectives related to the student's area of specialization. Includes evaluation at regular intervals by professor and student. Course may be repeated for a maximum of 6 credit hours.

**CTEC 7910 PRACTICUM IN AREA OF SPECIALIZATION (1-6)** DSL/PRA. SU. Experience relating theory and practice, usually in a school setting. Departmental approval. May count either CTEC 7910 or CTEC 7916. Course may be repeated for a maximum of 6 credit hours.

**CTEC 7970 SPECIAL TOPICS (3-9)** AAB. Departmental approval. Cooperative pursuit of selected concepts and theories, normally in small groups. Course may be repeated for a maximum of 9 credit hours.

**CTEC 7990 RESEARCH AND THESIS (1-10)** DSL/MST. Course may be repeated with change in topics.

**CTEC 8240 RESEARCH IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. Review, analysis and interpretation of available research with emphasis on designing new research to meet the needs of young children. May count either CTEC 8240 or CTEC 8246.

**CTEC 8270 THEORY-BASED PROBLEMS IN EARLY CHILDHOOD EDUCATION (3)** LEC. 3. In-depth exploration of problems related to the thought, writings, and research that form the theoretical foundations of constructivist approaches to early childhood education. Master's Degree. May count either CTEC 8270 or CTEC 8276. Course may be repeated for a maximum of 6 credit hours.

**CTEC 8720 DESIGNING EARLY CHILDHOOD CURRICULUM (3)** LEC. 3. Application of early childhood history, philosophy, program analysis and constructivist theory to the design of early childhood curriculum. Master's Degree. May count either CTEC 8720 or CTEC 8726.

**CTEC 8850 CONSTRUCTIVIST INVESTIGATIONS IN EARLY CHILDHOOD SETTINGS (3)** LEC. 3. Analysis and interpretation of the design of constructivist investigation. Master's Degree.

**CTEC 8950 SEMINAR (3)** SEM. 3. Selected concepts and theoretical formulations of common interest. Course may be repeated for a maximum of 12 credit hours.

**CTEC 8970 SPECIAL TOPICS (3-9)** DSL. Departmental approval. Cooperative pursuit of selected concepts and theories, normally in small groups. Course may be repeated for a maximum of 9 credit hours.

**CTEC 8980 FIELD PROJECT (1-3)** DSL/FLD. SU. Students conduct research on an educational problem and defend a field project report. Departmental approval. May not count either CTEC 8980 or CTEC 8986. Course may be repeated for a maximum of 3 credit hours.

**CTEC 8990 RESEARCH AND DISSERTATION (1-10)** DSL/DSR. Course may be repeated with a change in topic. Course may be repeated with change in topics.