

# ELEMENTARY EDUCATION (EDEL)

---

## **EDEL 3201 Integrated Educational Tech**

This course introduces early childhood pre-service teachers to foundational technology concepts, skills, and resources that support early childhood development and learning. Aligned with the International Society for Technology in Education (ISTE) Standards and Texas Application for Technology (TeXes) Standards, the course covers evaluating digital resources, teaching digital citizenship, integrating technology into curriculum design, and exploring professional development resources for continuous growth in technology integration. Additionally, it introduces data interpretation and visualization skills, enabling pre-service teachers to analyze and present student learning data effectively.

## **EDEL 3362 Lang & Lit for Young Child**

This course provides an understanding of the underlying theoretical principles and developmental patterns related to language and literacy development in children. Research-based best practices in early elementary grade settings and authentic assessment of children's progress in literacy development is emphasized.

Prerequisites: PSYC 2314, Admitted to and in good standing in the College of Education.

## **EDEL 3374 Social Studies Prin for EC-6**

This course focuses on social studies concepts and disciplines for Early Childhood through Grade 6. Special Emphasis is placed on academic content established in state curriculum guidelines and standards.

Prerequisites: PSYC 2314; admitted to and in good standing in the College of Education.

## **EDEL 3384 Science Prin for EC-Grade 6**

This course focuses on scientific concepts for Early Childhood through Grade 6. Special emphasis is placed on scientific investigation strategies and academic content established in state curriculum guidelines and standards.

Prerequisites: PSYC 2314; admitted to and in good standing in the College of Education.

## **EDEL 3394 Math Prin for EC-Grade 6**

This course is an intermediate course for Early Childhood and Elementary Education Candidates. Course content involves mathematics pedagogy for concepts like number sense, algebraic reasoning, problem-solving, mathematical processes, etc. required of beginning Texas educators. Students will demonstrate knowledge of core content, appropriate assessment practices, evidence-based instructional strategies, differentiation, and the use of technology in early childhood and elementary mathematics.

Prerequisites: Admitted to and in good standing in the College of Education.

## **EDEL 4325 Trends/Issues Early Chhd Ed**

This course provides a critical examination of current issues affecting the education and development of young children with a goal of fostering students' global perspectives on early childhood education. The topics will include contemporary models of early childhood education, political, educational, and economic policies that shape practices in early childhood education, etc.

Prerequisites: PSYC 2314, admitted to and in good standing in the College of Education.