

# ELEMENTARY EDUCATION (EED)

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## **EED 509 Advanced Twenty-First Century Teaching and Learning (3)**

This course is designed to guide graduate teacher candidates to critically examine local school culture and/or teaching practice, set reasonable and appropriate 21st Century goals for change, and plan/conduct an action research project to achieve identified objectives.

## **EED 511 Mathematics for Children (3)**

Prerequisite(s): Requires Teacher Education Program eligibility.

Corequisite(s): EED 512, EED 513, and ECE 530.

Materials and methods in the teaching of elementary mathematics concepts and processes. EED 511 is cross-listed with SPE 555, and only one will count as credit.

## **EED 512 Science for Children (3)**

Prerequisite(s): Requires Teacher Education Program eligibility.

Methods, materials, laboratory demonstration, and organization of science concepts and processes taught in the elementary grades. Taken in conjunction with EED 511, EED 513, and ECE 530.

## **EED 513 Curriculum Integration in Teaching Social Studies (3)**

Prerequisite(s): Requires Teacher Education Program eligibility.

Corequisite(s): EED 511, EED 512, and ECE 530.

Methods and materials of teaching social studies in the elementary graduates.

## **EED 514 Practicum in Content Block (3)**

Prerequisite(s): Requires Teacher Education Program eligibility.

Corequisite(s): EED 511, EED 512, and EED 513.

This course provides prospective teachers an opportunity to observe, analyze, and apply mathematics, science, and social studies concepts and theories in schools and classrooms.

## **EED 522 Classroom Assessment for Learning (3)**

This course is designed to help elementary teachers gain an understanding of classroom assessment, current trends and issues involving classroom assessment, and how to use assessment to be a more effective teacher and enhance student learning. This course is cross-listed with ECE 507, and only one may be taken for credit.

## **EED 530 Methods for Language and Literacy Development (3)**

Prerequisite(s): Admission to Graduate Studies.

Corequisite(s): ECE 533, RDG 520, and RDG 521.

Requires Teacher Education Program eligibility. This course is required by all students enrolled in the Alt-A Early Childhood and Elementary Education programs. EED 530 provides teacher candidates with knowledge and understanding of concepts, principles, theories, and research related to the language development of early childhood children, explicit and systematic learning opportunities that support individual students' language and writing development, acquisition of vocabulary, and motivation. Through knowledge of children's oral language development and high level of competence in the use of English language arts, teacher candidates will gain knowledge and understanding of a broad repertoire of developmentally appropriate concepts to teach writing, viewing, and thinking skills. Teacher candidates will learn strategies for helping children apply developing skills to many different situations, materials, and ideas. This course is designed to provide explicit, systematic instruction in Science of Reading methods through training in Language Essentials for Teachers of Reading and Spelling (LETRS) Units 5 - 8. Literacy components included in this course: vocabulary, comprehension, and composition.

## **EED 533 Enhancing Learning through Children's Literature (3)**

Corequisite(s): EED 530, RDG 520 and RDG 521.

Techniques and strategies to utilize children's literature to enhance the elementary education curriculum. EED 533 is cross-listed with ECE 533 and only one course may be counted for credit.

## **EED 540 Curriculum Integration in Elementary Education (3)**

Designed to examine the literacy needs of elementary students within the content areas of language arts, math, science, and social studies, as well as the literacy needs for English Language Learners (ELL). Because literacy skills are so crucial to success in school, the course will focus on strategies and their application to the above content area.

## **EED 541 Teaching Mathematics (3)**

Advanced course in materials and teaching techniques for improving math concepts and skills.

## **EED 543 Social Studies and Today's Learner (3)**

Advanced course in materials and methods of teaching social studies.

## **EED 544 Teaching Science (3)**

Problems in development of science program in the elementary school; facilitating children's learning of science & its concepts and attitudes.

## **EED 545 Teaching Language Arts (3)**

Scope and sequence of total language arts program in the elementary school; individual research projects. EED 545 is cross-listed with RDG 545 and only one course may be counted for credit.

## **EED 548 Materials and Methods for the Multicultural Classroom (3)**

Advanced course in materials and methods of teaching for the multicultural classroom.

## **EED 549 Teachers as Leaders in the Elementary Classroom (3)**

Current teaching practices examined in scheduled seminars and then implemented in an elementary classroom setting. Online assignments will augment and correspond with practicum experiences. It is a requirement for all JSU students who are completing a practicum or internship to be covered by professional liability insurance during the time of the practicum in the amount of \$1,000,000. Not open to students enrolled in Alternative Fifth-Year Teacher Certification or Ed.S. programs.

## **EED 550 Diversity in Today's Classroom (3)**

Course provides information to educators, equipping them to work with ESL students, while incorporating curricular planning and instructional techniques specific to the diverse learner.

## **EED 554 Integrating STEM and STEAM Into Practice (3)**

This advanced online course examines the underlying philosophies and foundations of the accomplished elementary science teacher.

## **EED 620 Mathematical Pedagogy for Elementary Teachers (3)**

Examination of current issues and methods related to elementary mathematics.

## **EED 622 Education Research Methodology (3)**

In-depth analysis of the methods and procedures of research in education.

## **EED 623 Trends and Issues in STEM Education (3)**

Examination of current issues and methods related to Science, Technology, Engineering, and Mathematics (STEM) Education.

## **EED 631 Teacher as Researcher/Issues and Trends in EED (3)**

Exploration of current research and issues and trends in elementary education; review and comparison of selected teacher research projects, and examination of the concept and practice of teacher research as a strategy to build school collaboration and strengthen the professional role of teachers. EED 631 is cross-listed with ECE 631 and only one course may be counted for credit.

**EED 642 Professional Publications in Elementary Education (3)**

Prerequisite(s): EED 631.

Opportunity for students to develop and refine professional writing skills. EED 642 is cross-listed with ECE 642 and only one course may be counted for credit.

**EED 643 Contemporary Social Studies for Elementary Classrooms (3)**

Examination of current issues and methods related to Social Studies Education.

**EED 644 Developing Publications in Elementary Education Trends (3)**

Examination of current instruction, assessment, and best practices in Elementary Education.