

# EDUCATION: TECHNOLOGY AND MEDIA (EME)

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## EME2040 INTRODUCTION TO EDUCATIONAL TECHNOLOGY (3.00 Credits)

This course is a theory and application course that introduces students to instructional design principles, traditional and emerging technologies, and software and how they are used in the teaching profession. Students will be provided an overview of the Florida Educator Accomplished Practices, (FEAPs), and B.E.S.T. (Benchmarks for Excellent Student Thinking) standards.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00

## EME2041 EDUCATIONAL TECHNOLOGY INTEGRATION IN EVERYDAY LEARNING ENVIRONMENTS (3.00 Credits)

This course will explore applications of technology integration to improve teaching and learning. Students will learn ways to use technology for the development of independent learning in order to facilitate active, learner-centered classroom experiences.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00

## EME3410 ENHANCING MATHEMATICS AND SCIENCE EDUCATION WITH TECHNOLOGY APPLICATIONS (3.00 Credits)

This course will explore the interaction of K12 mathematics and science content, technology that supports mathematics and science teaching and learning, and the cognitive and social processes of learning that yields maximum learning opportunities for all students. Students will identify technologies that align with student intellectual abilities and learning styles in mathematics and science. Incorporate inquiry-based learning with technology and discover the interdisciplinary connections between mathematics, science and technology.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00

Complete all the courses in the following option:

- Prerequisite: EDF3280 (minimum grade: C)