

SOUTHEAST COMMUNITY COLLEGE
DIVISION OF ARTS AND SCIENCES
Social Science
Revision Date: 07-01-25

I. CATALOG DESCRIPTION

Course Number: EDUC2590
Course Title: Instructional Technology
Prerequisite(s): EDUC1110
Course Description: This course will focus on understanding and harnessing the power of digital media for teaching and learning. This includes selecting content, implementing instructional strategies, and using technology in innovative ways to supplement, enhance, and extend the curriculum. Social, ethical, legal, and human issues surrounding the use of technology will also be applied in educational practice.
Credit Hours: 3.0
Class Hours: 45
Lab Hours: 0
Total Contact Hours: 45

II. COURSE OBJECTIVES: *Course will:*

- A. Instructors will introduce students to the various roles that technology can play in the teaching and learning process.
- B. Instructors will demonstrate a variety of instructional technologies for effective learning.
- C. Instructors will demonstrate how to utilize digital literacy skills to discern credible information
- D. Instructors will introduce Universal Design for Learning (UDL) guidelines and other accessibility considerations that can reach a diverse range of learners.
- E. Instructors will demonstrate the process of evaluating resources for current and developing educational technologies.
- F. Instructors will expose students to a variety of technologies and provide methodologies for designing learning experiences.
- G. Instructors will promote and model ethical consideration and responsible leveraging of digital resources (i.e. digital citizenship, artificial intelligence, copyright laws)

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES

- A. Student Learning Outcomes: *Student will be able to:*
 - 1. Students will explain the dynamic relationship between technology and the learning process of students at various age levels and different content areas.
 - 2. Students will implement appropriate instructional technologies for effective learning.
 - 3. Students will apply digital literacy skills to discern credible information.
 - 4. Students will determine how Universal Design for Learning (UDL) guidelines and other accessibility considerations can reach a diverse range of learners.
 - 5. Students will evaluate resources for current and developing educational technologies (i.e. artificial intelligence)
 - 6. Students will design learning experiences that integrate innovative technologies.
 - 7. Students will apply ethical consideration and responsible leveraging of digital resources (i.e. digital citizenship, artificial intelligence, copyright laws)
- B. General Education Learning Outcomes
 - 1. GELO #1: Oral Communication

- Outcome: Develop a central idea for presentations.
- 2. GELO #3: Critical Thinking & Problem Solving
Outcome: Evaluate ideas presented in writing, medial, speech, or artistic presentations.
Outcome: Evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.
- 3. GELO #6: Career and Life Skills
Outcome: Use digital technology effectively to access, manage, integrate, evaluate, and present information.

IV. **CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)**

- A. Frameworks of instructional technology (i.e. TPACK, Triple E Framework, ISTE Standards)
- B. Effective instructional strategies using technology (i.e. video, infographics, multimedia, etc.)
- C. Digital literacy skills
- D. Using technology to meet Universal Design for Learning (UDL) guidelines and meet the needs of diverse learners
- E. Evaluating educational resources for quality and functionality
- F. Planning technology-rich educational experiences
- G. Ethical use of digital resources, including social media in the educational setting
- H. Artificial Intelligence and emerging trends in education

V. **INSTRUCTIONAL MATERIALS**

- A. Required Text(s):
 - 1. Maloy, Robert W., Ruth-Ellen E. Verock, Sharon A. Edwards. *Transforming Learning with New Technologies*, 4th edition; Pearson, 2021. ISBN # 978-0135773024.

VI. **METHODS OF PRESENTATION/INSTRUCTION**

- A. Methods of presentation typically include a combination of the following:
 - 1. Technology-enhanced lecture
 - 2. Classroom discussions
 - 3. Interactive group activities
 - 4. Digital experiences
 - 5. Another form of presentation the instructor deems effective to meet course objectives.

VII. **METHODS OF EVALUATION**

- A. Methods of evaluation typically include a combination of the following:
 - 1. Attendance and participation
 - 2. Daily assignments
 - 3. Written exams and/or quizzes
 - 4. Performance and observational assessment
 - 5. Additional assessments that meet student learning outcomes

Instructors will distribute and discuss evaluation and grading policies with their students at the beginning/during the term.
- B. **SCC STANDARD GRADING SCALE POLICY**

A+	95-100	C+	75-79	F	59 or less
A	90-94	C	70-74		
B+	85-89	D+	65-69		
B	80-84	D	60-64		

VIII. SPECIFIC COURSE REQUIREMENTS

- A.** It is important for students to check requirements at the transfer institution they plan to attend.