Effective Semester / Session: Spring 2023

Type of Action:

__	New
X	Modification
__	Move to Inactive (Stop Out)
__	Cancellation

Course Alpha and Number: ED290

Course Title: Educational Technology

Reason for initiating, revising, or canceling:
The reason for modifying this course guide is to comply with the schedule for periodic course guide review. Changes were made to the following sections: Description; Required/Recommended Textbook(s); Method of Evaluation

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Dr. Randy Yates   *Randy Yates*   11 Dec 22

Proposer   Date

Director Roland Merar   Dec 12, 2022

School of Education Director   Date

Adam Walsh   12.02.22

Language & Format Review Specialist   Date

Ajani Burrell   **12.9.2022**

Academic Council Chair   Date

Dean Clement Bermudes   Dec 12, 2022

Dean of Learning & Student Success   Date

1. **Department**
   School of Education

2. **Purpose**
   Technology is an essential component in the modern classroom. This course is designed to prepare potential educators to integrate technology for engaging and effective student learning across the content areas. Digital tools and resources, software applications, digital citizenship and responsible use guidelines, and assessment are examined.

3. **Description**

   A. **Required/Recommended Textbook(s) and Related Materials**
      Required:
      Cennamo, K. S., Ross, J. D., Ertmer, P. A. *Technology Integration for Meaningful Classroom Use: A Standards-Based Approach*. 3rd Edition. Cengage 2019.

      Recommended: N/A

   B. **Contact Hours**
      1. **Lecture:** 3 per week / 45 per semester
      2. **Lab:** None
      3. **Other:** None

   C. **Credits**
      1. **Number:** 3
      2. **Type:** Regular Degree Credits

   D. **Catalogue Course Description**
      This course introduces students to computer technology needed to teach at the elementary level. Topics include technology projects using audio, video, and interactive multimedia. Prerequisites: EN085 or by permission of the Director of the School of Education. (Offered Fall and Spring)

   E. **Degree or Certificate Requirements Met by Course**
      This is a required course for all concentrations of the Bachelor of Science Degree in Education.

   F. **Course Activities and Design**
      This course incorporates lectures, demonstrations, assigned projects, activities, presentations, course attendance and participation, forums, review of digital tools, legal and ethical issues regarding social media use, technology tools used to reinforce learning and teaching, research, and assessment. Because at most,

the class is either a full Online class or a Hybrid online class, it is recommended to also have the following technical skills: basic computer skills (opening, saving, embedding, hyperlinking, and printing a file, web-browsing, etc.), proficiency using email, and familiarity with MacOS and WindowsOS.

4. **Course Prerequisite(s); Concurrent Course Enrollment**
   Prerequisites: None
   Concurrent Course Enrollment: None

   Required English/Mathematics Proficiency Level(s)
   English Placement Level: EN095
   Mathematics Placement Level: None

5. **Estimated Cost of Course; Instructional Resources Needed**
   Cost to the Student: Tuition for a 3-credit course and instructional materials fee.

   Cost to the College: Salary of instructor, computers, printer, toner, and paper.

   Instructional resources needed for this course include: NMC internet.

6. **Method of Evaluation**
   Student grades will be determined based on:

   1.0. Attendance;

   2.0 Presentations;

   3.0 Observations;

   4.0 Reflections;

   5.0 Assignments;

   6.0 Quizzes; and

   7.0 Examinations.

   NMC's and SOE's grading and attendance policies will be followed.

7. **Course Outline**
   This is a topical outline and does not necessarily indicate the sequence in which the material will be presented.

   1.0   Overview of ISTE's National Educational Technology Standards for Students and Teachers

   2.0   Educational technology tools that reinforce learning and teaching

   3.0   The legal and ethical issues regarding social media

   4.0   How to utilize multimedia to support differentiated instruction

   5.0   Digital citizenship and how to become a connected educator

8. **Instructional Goals**
   The course will introduce students to:

   1.0   The use of computer, audio, visual, and multimedia technologies in the support of instruction;

   2.0   Understanding the role of technology in the learning process;

   3.0   Application of technology tools in instruction;

   4.0   Model professional attitudes, digital citizenship, and how to become a connected educator;

   5.0   Computer networking and the Internet;

   6.0   Concepts of Education Technology; and

   7.0   How to utilize multimedia to support differentiated instruction.

9. **Student Learning Outcomes**
   Upon successful completion of this course, students will be able to:

   1.0   Use computer, audio, visual, and multimedia technologies in the support of instruction;

   2.0   Plan for the use of media and technology;

   3.0   Understand the role of technology in the learning process;

   4.0   Evaluate the value of various multimedia;

   5.0   Create different computer-based visuals in effectively designed learning stations;

   6.0   Create a digital video project pertaining to your field; and

   7.0   Use Internet technologies in instruction.

10. **Assessment Measures of Student Learning Outcomes**
    Assessment of student learning may include, but not be limited to, the following:

    1.0   Projects;

    2.0   Exams;

    3.0   Presentations; and

    4.0   Research Assignments.

ED290.2 Spring 2023

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