COURSE INFORMATION FORM

DISCIPLINE: EDUC
COURSE TITLE: Educational Technology
CR.HR: 3
LECT HR: 3
LAB HR: ______
CLIN/INTERN HR: ______
CLOCK HR: ______

CATALOG DESCRIPTION
In this course students will learn how to integrate instructional technology into P-12 classrooms. Students will study a variety of software programs, presentation technology, telecommunication tools, and assistive technology. The focus will also be on social, ethical, legal, and human issues surrounding the use of technology.

PREREQUISITES
ENGL 101 with a grade of C or better

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate a sound understanding of current guidelines for technology in education.
2. Demonstrate competency in 21st century skills related to educational technology.
3. Demonstrate an awareness of current methods, strategies, and assistive and adaptive technology for using technology to maximize student learning among diverse learners, including English Language Learners.
4. Develop technology strategies to facilitate a variety of formative and summative assessment techniques.
5. Demonstrate the use of technology to enhance personal and professional productivity.
6. Demonstrate an understanding of the social, ethical, legal, and human issues surrounding the use of technology.
7. Demonstrate an ability to apply adaptive and assistive technology in support of diverse learners, including English Language Learners.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

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<th>Outcomes</th>
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PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. 

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

Explanatory/exploratory writing activities 1, 6
• Classroom presentations 5, 7
• Projects 4
• Portfolio Design 1, 2, 3
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Guidelines for Technology
   A. MoSPE/MIPEC standards and competencies
   B. Current state, national and international standards

II. Technology Skills
   A. Desktop, laptop, tablet, mobile devices
   B. Multimedia tools
   C. Learning management systems, synchronous/asynchronous learning, cloud-based learning, blended/hybrid learning
   D. Internet

III. Technology to Maximize Student Learning
   A. Technology, flipped and virtual classrooms
   B. Applications, open source, and website resources
   C. Innovative teaching and learning through technology integration
   D. Models of effective instruction with technology (tools of inquiry)
   E. Application of Bloom’s Digital Taxonomy

IV. Technology and Informal and Formal Assessment Techniques
   A. Principles, research, and appropriate assessment practices related to the use of computers and technology resources
   B. Formal, informal, and authentic assessment strategies for P-12 learners
   C. Websites that provide variety of assessment strategies for students
   D. Technology to assess students’ prior knowledge

V. Technology to Enhance Personal Productivity and Professional Practice
   A. Formal (courses) and informal professional learning networks (MOOCS)
   B. Professional development through social media (eLearning)
   C. Conduct research, including using and correctly documenting electronic sources
   D. The effect of technology on the nature of work and communication
   E. Use of technology for lifelong learning

VI. Technology and Social, Ethical, Legal, and Human Issues
   A. Copyright issues
   B. School districts’ Appropriate Use Policies (AUP)
   C. School-wide computer security
   D. Digital citizenship and netiquette
E. Equity and fair use issues

VII. Strategies for Integrating Technology in Support of Diverse Learners
   A. Assistive technology and adaptive devices for exceptional learners
   B. Strategies for meeting the needs of English Language Learners