

EDUC 108. EDUCATIONAL TECHNOLOGY

Credit Hours: 3

Scheduled hours per week

Lecture: 3

Lab: 0

Other: 0

Field Experience: 0

Catalog Course Description: Course focuses on practical applications for computers and technology in the classroom.

Pre-requisites: Education Majors or Child Development Majors

Co-requisites: None

Course Learning Outcomes (CLO):

1. Students will utilize technology to facilitate learning using the state standards. (Assessment: lesson plan, portfolio)
2. Students will distinguish between ethical and unethical technology behaviors. (Assessment: written assignments, portfolio)
3. Students will identify differentiated instruction techniques utilizing technology. (Assessment: lesson plan, written assignments)
4. Students will create an assessment plan utilizing technology based on instructional objectives. (Assessment: lesson plan, portfolio)
5. Students will identify technology integration opportunities to effectively engage students in the learning process. (Assessment: lesson plan, written assignments, portfolio)
6. Students will identify educational technology terminology. (Assessment: quizzes)

Topics to be studied:

1. Creation of a google site.
2. Review of web resources and how they could be integrated in educational environments.
3. Introduction to a multitude of resources: Google Apps, Sheets, Docs, Forms, Drive, Google Classroom, and Calendar.
4. Use of productivity tools such as word processing, spreadsheet data analysis, presentation software i.e. Excel, PowerPoint, Word
5. Use of technology in assessment such as Survey Monkey, Google surveys, responders, course management assessment tools, other Internet sites, cell phones, and current assessment platforms
6. Knowledge and implementation of state approved content and technology standards and other state recommended technology resources and sites
7. Understanding of responsible web research and the validity of the information obtained

8. Understanding of an “Acceptable Use Policy” (AUP) that will be demonstrated by the course AUP
9. Ethical uses of technology in assessment and in creation of digital products with an emphasis on copyright laws.
10. Understanding and demonstrating professional web communication.
11. Demonstrate understand ethical and safe uses of technology
12. Demonstrate awareness of adaptive and assistive technology
13. Creating and presenting an electronic and interactive portfolio demonstrating the infusion of technology that can be used in future courses

Relationship of Course to Program Learning Outcomes (PLO) or Institutional Learning Outcomes :

This course incorporates all facets of the philosophical framework of *Architects of the Future*. Planning, Teaching Skills, Diversity and Decision Making Skills are all integral parts of the teaching process.

Students in the course will plan and demonstrate activities, lessons, and develop a portfolio in the course. Interpersonal Skills relate to working together in cooperative teams to complete projects. Classroom technology is integrated to support the education needs of diverse learners.

Check if approved as : ☐ Foundational Learning Course ☐ Reinforcement Learning Course

Special requirements of the course:

1. Students will be introduced to SAMR and TPACK.
2. Students will design a lesson and create a lesson plan using resources and tools that are covered during the semester.
3. Students will analyze data and create a mock gradebook
4. Final project will consist of an online portfolio showcasing projects that meet Standards for Educators, professional development webinars and reflections upon learning.
5. Other small projects will also be completed and any of these projects can be modified at the discretion of the instructor

Additional information:

N/A

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