COLLEGE OF EDUCATION
Course Initiation Format

Branch: Credential
Course Number and Name: EDTE 373: Educational Technology Lab

1. Completed Course Proposal Form (Form A) (attached)
2. Instructional Activities: See below
3. Required/recommended course readings and activities (see below)

Course Outline

EDTE 373: Educational Technology Lab

This course encompasses the knowledge, skills and dispositions needed to understand, describe and develop “technological, pedagogical content knowledge” for effective pedagogical practice in a technology enhanced learning environment. The emphasis of instruction is through lab-based instruction, online resource center and individualized support for the integration of technology into teaching and learning. Students will be supported as they develop a range of technology skills, build an electronic portfolio, and complete the technology assignments from course work and field experiences across their program. Focus and support for student centers on the development of their teaching performance electronic portfolio.

Expected Outcomes
Candidates will be able to:
1. Identify and apply basic computer operational knowledge & skills, including basic troubleshooting for computers and peripheral devices.
2. Identify and access appropriate avenues of technical support in schools.
3. Use technology to facilitate the teaching and learning processes,
4. Evaluate and select a wide array of technologies for relevance, effectiveness for teaching and learning across teaching curriculum content standards.
5. Candidates demonstrate knowledge and understanding of the legal and ethical issues related to the use of technology, including copyright issues and issues of privacy, security, safety, and acceptable use.
6. Use technology for information collection, analysis, and management in the instructional setting, including assessment of student learning, informing teaching, managing records, and providing feedback to students and parents.
7. Use electronic research tools to access, assess data for authenticity, reliability and bias.
8. Identify best practices and research on the use of technology to deliver lessons that enhance student learning.
9. Integrate technology into the educational experience underlying equitable access through Universal Design for Learning and differentiated instruction.
10. Identify technology to support or enhance student learning, and demonstrate knowledge of its application to students learning of curriculum content standards: including student research, learning activities and presentations.
11. Identify and use technology to communicate and collaborate in support of equitable access and resource access for students, colleagues, school support personnel, families and students.
12. Demonstrate knowledge of Teaching Performance E-portfolio requirements, and competency with the E-portfolio technology tools.

Assessments

- E-portfolio
- Exam
- Quizzes
- Blog/Journal
- Classroom & Online Discussions
- Formative observations of hand-on lab activities
Sample Course Activities

1. Candidates will review and discuss E-portfolio requirements. Candidates will operate technology tools used to build their E-portfolio. Candidates will reflect individually to demonstrate their understanding of the technology functions in relation to E-portfolio requirements.

2. Candidates will explore in groups and discuss online best practices in using technology for teaching and learning; and be able to identify the technology, its use for learning in sample lesson plans and its value added for teaching and learning. Each candidate will then reflect individually to demonstrate their understanding of technology integration identified in lesson planning.

3. Candidates will apply their understanding of technology integration into lesson planning. The candidates will focus technology integration into lesson plans that candidates are currently developing.

4. Candidates will evaluate and critically examine web-based technology resources. Candidates will identify and describe technology for value added to support learning aligned with content standards.

5. Candidates will identify and reflect on web based research strategies including appropriate citing.

6. Candidates will read, identify and apply basic instructional design techniques to develop online as well as classroom instructional materials.

Required/Recommended Readings:

Examples include:

