Master Syllabus

EDU 1103 - Educational Technology

Division: Liberal Arts, Communication and Social Sciences

Department: Education

Credit Hour Total: 3.0   **Lecture Hrs:** 3.0

Date Revised: May 2016

Course Description:

This is a required course for all preservice teachers. It encompasses effective identification, location, evaluation, design, preparation and efficient usage of technology as an instructional resource in the classroom. Candidates will develop increased classroom communication abilities through lectures, discussions, modeling, laboratory experiences and completion of a comprehensive project.

General Education Outcomes:

▫ Computer Literacy Competency
▫ Written Communication Competency

Course Outcomes:

Curriculum Planning

Develop the basic understanding of using existing and emergent educational technologies in achieving curricular goals including classroom management, curriculum design, and instructional strategies.

Assessment Method: Portfolios
Performance Criteria: Student will demonstrate knowledge and skill related to learning environments and experiences by developing an (E- Portfolio) with artifacts archived to CD-ROM. It will reflect appropriate lesson planning for the grade level and subject area student will be teaching. Portfolio must meet at least 80% of the departmental rubric criteria.

Technology Operations and Concepts

Develop basic technology competencies through effective use of multiple operating systems.

Assessment Method: Locally developed exams
Performance Criteria: Students will describe technology operations and concepts with at least 80% accuracy.

Technology Operations and Concepts

Demonstrate a sound understanding of technology operations and concepts.

Assessment Method: Locally developed exams
Performance Criteria: Students will describe technology operations and concepts with 87% accuracy.

Social, Ethical, Legal, and Human Issues

Develop an understanding of copyright law, use of copyrighted materials, software licensing, and other ethical issues.

Assessment Method: Portfolios
Performance Criteria: Portfolio must meet at least 80% of the departmental rubric criteria.

Productivity and Professional Practice

Develop the basic understanding of productivity and utility software capabilities and be able to use a variety of applications.

Assessment Method: Portfolios
Performance Criteria: Student will develop an E-Portfolio that demonstrates the student's ability to integrate several forms of technology in the classroom. The student may include digital media, desktop publishing products, digital audio and/or video webquests. Portfolio must meet at least 80% of the departmental reubric criteria.

Facilitate Assessment and Evaluation

Develop the ability to align curricular goals, instructional objectives, and the capabilities of electronic media through the principles of effective visual design, specification of clear instructional objectives, and the production of electronic media in various digital and non-digital formats.

Assessment Method: Locally developed exams
Performance Criteria: Students will describe developmentally appropriate assessment and evaluation methods with at least 80% accuracy.

Assessment Method: Portfolios
Performance Criteria: Portfolio must meet at least 80% of the departmental rubric criteria.

Outline:

Technology operations and conceptsProductivity and professional practiceCurriculum planningSocial, ethical, legal, and human issuesAssessment and evaluation