JEFFERSON COLLEGE

COURSE SYLLABUS

EDU205

TECHNOLOGY FOR TEACHERS

3 Credit Hours

Prepared by:
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Dr. Mindy Selsor, Dean
Sandy Frey, Social Science Division Chair
EDU205: TECHNOLOGY FOR TEACHERS

I. Catalogue Description
A. prerequisite and or corequisite
   English Composition I, EDU105 Exploring the Field of Education

B. credit hour award
   3 credit hours

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

II. Expected Learning Outcomes with corresponding Assessment Measures (table or list format)

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<tr>
<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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| Demonstrate a sound understanding of state and national standards for technology in education. (MoSTEP 1.2.4, 1.2.5, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
| Demonstrate competency in technology operations and concepts by creating and editing documents using various software programs. (MoSTEP 1.2.7, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
| Demonstrate an awareness of current methods and strategies for using technology to maximize student learning. (MoSTEP 1.2.2, 1.2.4, 1.2.5, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
| Develop technology strategies to facilitate a variety of informal, formal, and authentic assessment techniques. (MoSTEP 1.2.8, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
| Demonstrate the use of technology to enhance personal productivity and professional practice. (MoSTEP 1.2.9, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
| Demonstrate an understanding of the social, ethical, legal, and human issues surrounding the use of technology. (MoSTEP 1.2.9, 1.2.11) | Class Activity
|                                                                                          | Written project/paper     |
III. Course Outline with Unit Objectives (denote optional content parenthetically)

Technology operations and concepts

MoSTEP 1.2.11 (Missouri Standards for Teacher Education Programs)

ISTE (International Society for Technology in Education)

Desktop and Windows features

Multimedia computer system with related peripheral device

Word processing, spreadsheet, presentation software, databases

Internet

Technology to maximize student learning

Educational software and hardware

Website resources

Assistive technology and adaptive devices for students with special needs

eMINTS programs

eThemes or Successlink integrating technological strategies

Models of effective instruction with technology (tools of inquiry)

Application of Bloom’s taxonomy

Technology and informal and formal assessment techniques

Principles, research, and appropriate assessment practices related to the use of computers and technology resources

Formal, informal, and authentic assessment strategies for P-12 learners

Websites that provide variety of assessment strategies for students

Technology to assess student prior knowledge

Technology to enhance personal productivity and professional practice

Formal (courses) and informal professional learning communities

Technology-rich ‘Teachers’ Tools’

Conduct research, including using and correctly documenting electronic sources

The effect of technology on the nature of work and communication

Use of technology for lifelong learning

Technology and social, ethical, legal, and human issues

Copyright issues

School districts’ Appropriate Use Policies (AUP)

School-wide computer security

Use of technology in public education and society

Equity and fair use issues
IV. Method(s) of Instruction
Technology
Lab-based activities and research

Cooperative group activities

Guest speakers

Discussion and problem-solving activities

V. Required Textbook(s) (with publication information; denote if different text is used for online sections)

EDU 205: Technology for Teachers, Compiled by Terry Kite

VI. Required Materials (student)
A. Course Home Page available through jeffco.edu

B. A computer with internet access and basic software to include word processing
   1. Jefferson College provides access to computers on campus

VII. Supplemental References
A. Computer Lab
B. Other

VIII. Method of Evaluation (basis for determining course grade)
A. Reading Guide Crossword Puzzles
B. In Class Activities
C. In Class Projects
D. Group Project

IX. ADA Statement
A. Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Library; phone 636-797-3000, ext. 169).

X. Academic Honesty Statement
A. All students are responsible for complying with campus policies as stated in the Student Handbook (see College Website, http://www.jeffco.edu/jeffco/index.php?option=com_weblinks&catid=26&Itemid=84

B. Any student who cheats or plagiarizes may earn a grade of “F” for the entire
course. Violation of the Student Code of Conduct may also be referred to the college for discipline.