Course Outline

COURSE: CSIS 9   DIVISION: 50   ALSO LISTED AS: CD 12

TERM EFFECTIVE: Spring 2018   CURRICULUM APPROVAL DATE: 05/08/2017

SHORT TITLE: TECHNOLOGY ED TEACHER

LONG TITLE: Technology Education for Teachers

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>3</td>
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<td>Lecture</td>
<td>3</td>
<td>54</td>
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<td></td>
<td></td>
<td>Lab</td>
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<td>0</td>
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<td>Other</td>
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<td></td>
<td>Total</td>
<td>3</td>
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COURSE DESCRIPTION:

The uses of technology in education. Computer skills and terminology as well as other classroom technology will be taught in context of teacher education. Students who successfully complete this course will gain general and specific skills and knowledge required to meet the Technology Standard for Multiple and Single Subject Credential Candidates. This course has the option of a letter grade or pass/no pass. This course is also listed as CD 12. ADVISORY: CSIS 122 Computer Keyboarding, or equivalent; English 250 with a grade of C or better.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

L - Standard Letter Grade
P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

STUDENT LEARNING OUTCOMES:

1. Meet or exceed the current Teacher Technology Proficiency standards. Measure of assessment: Pre-test/Post-test.
Year assessed, or planned year of assessment: 2018
Semester: Spring

2. Identify reasons to use technology in the classroom.
Measure of assessment: Written assignments, group discussion, exam.
Year assessed, or planned year of assessment: 2018
Semester: Spring

3. Design lesson plans that utilize technology tools.
Measure of assessment: Written assignments, PowerPoint presentations.
Year assessed, or planned year of assessment: 2018
Semester: Spring

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Curriculum Approval Date: 05/08/2017

9 HOURS

Student Performance Objectives: List areas of expected technology proficiency for teachers. Discuss how technology can be used for learning and/or to reinforce learning. Identify the theoretical perspectives on learning. Describe various learning styles and identify characteristics of different instructional designs for each style.

3 HOURS
Content: Schools and Technology. Technology in the Classroom.

Student Performance Objectives: Explain the ways technology can be used across schools. List typical computer technology uses in Pre-K through 12th grade classrooms. List the opportunities and challenges of having computers in the classroom.

9 HOURS

Student Performance Objectives: Name the types of software that can be used for teachers tasks. Search for, find, and evaluate quality software for use in the classroom. Demonstrate the use of Access database to track classroom materials. Demonstrate the use of MS Word to write a newsletter to parents and a student spelling test. Demonstrate the use of PowerPoint to produce a slide presentation to students about a science topic. Demonstrate the use of Excel to track fundraising expenses and income.

9 HOURS


3 HOURS
Content: Using Audio/Visual/Video Technology Tools in the Classroom.

Student Performance Objectives: Define audio/visual/video tools and vocabulary. Describe uses of audio/visual/video tools in the classroom.

3 HOURS
Content: Technology for Diverse Learners.

Student Performance Objectives: Suggest several technology solutions for students with special needs. Discuss the opportunities and challenges of technology for students with special needs.

3 HOURS
Content: Lesson Plans Using Classroom Technologies.

Student Performance Objectives: Design lesson plans that use technology tools described earlier in the course.

3 HOURS
Content: Exam. Technology for Distance Delivery.
Student Performance Objectives: List the strengths and weaknesses of distance and online learning environments.
3 HOURS
Content: Technology in Schools: Implementation Issues.
Student Performance Objectives: Restate the issues facing teachers and administrators who want to implement more technology in their classrooms.
6 HOURS
Student Performance Objectives: Present PowerPoint assignment.
2 HOURS

OUT OF CLASS ASSIGNMENTS:
Required Outside Hours: 38
Assignment Description: Read chapters in the textbook. Review materials and study for exams.
Required Outside Hours: 38
Note: All assignments must be done on a computer.
Required Outside Hours: 30
Assignment Description: PowerPoint Presentations: Presentation #1 Presentation of a science topic to grade level of your choice. Presentation #2 Topic of your choice. Rough Draft on PowerPoint Presentation, then revise PowerPoint presentation and present to class.

METHODS OF INSTRUCTION:
Lecture, demonstration, classroom practice of computer and other technology skills, computer-based assignments.

METHODS OF EVALUATION:
Writing assignments
Percent of total grade: 30.00 %
Writing assignments: 25% - 30% Written Homework
Skill demonstrations
Percent of total grade: 35.00 %
Skill demonstrations: 35% - 40% Other: Computer homework assignments.
Objective examinations
Percent of total grade: 35.00 %

REPRESENTATIVE TEXTBOOKS:
Required Representative Textbooks
Reading Level of Text, Grade: 11th Verified by: MS Word

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
  Transferable CSU, effective 200530
UC TRANSFER:
  Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: CSIS
CSU Crosswalk Course Number: 9
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: C
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000007185
Sports/Physical Education Course: N
Taxonomy of Program: 070100