EDIT 4710: Advanced Technology Integration Strategies
Fall, 2009

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Fall Office Hours:
Mondays: 3:15-4:30
Tuesdays: 3:00-4:45
Wednesdays: 3:00-4:45 (only on 9/9, 9/16, 9/30, 10/14, 10/28, 11/18, 12/2)
Thursdays: 5:00-6:45
Others by appointment; please email me or call me to arrange another time.

The department and other campus offices will be closed on the following days due to furloughs and university-wide vacations:
Friday, Sept 25; Monday, Sept 28; Friday, Oct 9; Friday, Oct 23; Friday, Nov 5; Wednesday, Nov 11 (Veteran’s Day); Friday, Nov 20; Thursday, Nov 26-Friday, Nov 27 (Thanksgiving); Friday, Dec 4. There are no classes on Tuesday, Oct 13 (Columbus Day), but offices remain open.

College of Education Mission Statement
The mission of the College of Education is to engage faculty and students in instruction, research, and activities that provide subject specific, pedagogical, and practical knowledge essential for planning, implementing, and assessing professional activities. We are committed to the education of diverse educational leaders who meet the needs of a multicultural and multilingual society. The programs are designed to advance the personal, ethical, and professional qualities of students through participation in coursework, field experiences, and research that together cultivate reflection and encourage innovations central to the field of education. The College provides multiple and systematic opportunities for candidates to make connections between their professional duties and the role of education within the local and global society and to serve as advocates for children and their communities.

Use of sample assignments for accreditation purposes
The instructor and the College of Education may keep submitted student work and use it as examples for accreditation purposes. Every effort will be made to ensure that student name and other identifiers are removed from documents and projects that will be used for this purpose. Students who decline to have their work kept on file for this purpose must notify the instructor in writing within the first two weeks of the course.

Course Description
This course is a study of methods, teaching strategies, and assessment techniques for utilizing technology effectively in teaching and learning. The course will explore the use of technology in support of all learners in a variety of settings. Prerequisites: EDIT 4170 OR EDIT 4600 and EDIT 4650 OR EDIT 4730 or equivalent.

Purpose of the Course
This course builds on educational technology knowledge, skills, and abilities acquired during preliminary preparation courses. Participants will learn how to utilize several essential types of hardware and software, and how to effectively integrate these in order to maximize teacher effectiveness and student learning. The course emphasizes how to match technology to curriculum, how to use technology to solve instructional problems, and how to assess and evaluate information.
In addition, participants will learn how to link the use of technology to content standards and to the needs of individual students.

The course partially satisfies requirements for a Supplementary Authorization in Computer Concepts and Applications, and it is part of the M.A. in Education with emphasis in Educational Technology. EDIT 4710 satisfies the Professional Clear Credential technology requirement for those who completed the Ryan Act Preliminary Credential program (“the old program”). For those completing an SB2042 Credential program, the course may be accepted in lieu of a district-approved BTSA program technology component (we have a written agreement with Stanislaus County). The course may be used as an elective in several CSU Stanislaus M.A. programs; consult your advisor.

Course Objectives
Upon completion of this course, students will be able to:

- Use computer-based collaborative tools for professional development, cross-classroom partnerships, and student learning.
- Develop and teach lessons and units that effectively use technology to enhance the curriculum and help students develop problem solving/critical thinking skills in various school settings.
- Select and evaluate software programs based on student and curricular needs.
- Effectively access, evaluate, and use Internet resources in support of student learning.
- Develop and use formative and summative assessment strategies to determine the impact of instructional activities on teaching and learning.
- Use technology to track and analyze learning and to provide feedback to students.
- Select and evaluate strategies for how technology can be used to reach diverse groups of learners in the classroom, including students with special needs.
- Work effectively with learners in a problem-solving, technology rich environment.

Course Materials
Articles: All of the reading material is available through the course website:

Storage: You will need ample storage capacity for this course. A USB flash drive is recommended. It is your responsibility to maintain backup copies of your work in case of technical issues.

General Information
- Five class sessions will be face to face sessions. The others will be online classes.
- All written work must be word processed and submitted to Blackboard.
- All assignments are due at 5pm on the date indicated on the schedule. A 5% reduction of points per day will be incurred for late work, up to a maximum 50% reduction. Under no circumstances will anything be accepted after the scheduled finals week class session.
- No incompletes will be given in the course unless extenuating circumstances (as outlined in the CSU Stanislaus handbook) warrant this grade.
- You are encouraged to help each other, but are expected to submit your own work on individual assignments. You may adapt, where appropriate, materials from various resources (the Internet, curriculum guides, textbook resources, etc.). However, it is required that you cite the sources you use as you prepare your materials, and it is also important that the work remains your own. Non-compliance with these guidelines will result in a failing grade for an assignment or the course, as specified in the CSU Stanislaus catalog. Be aware that course materials may be submitted to Turnitin.com, a plagiarism detection service to which CSU Stanislaus has a campus license.
Grading
Graded Class Activities 80 points
Reflections/Quizzes 60 points
WebQuest 30 points
ETC Presentation Idea 15 points
Technology Tool 15 points
Collaborative Activity 15 points

TOTAL 200 points

Choose two of these three options.

Points will be summed. Final grades will be awarded based on the following distribution:
A = 185 and above; A- = 179-184
B+ = 175-179; B = 165-174; B- = 159-164
C+ = 155-159; C = 145-154; C- = 139-144

Class Activities
You are expected to be prepared to learn. This includes reading the assigned articles prior to class, and fully participating in discussions and class activities. There will be 5-10 points awarded each week for an activity related to that week’s content.

Reflections/Quizzes
In addition to the class activities, there will be 5 points awarded each week for either a reflection on the activity or article(s), or a quiz over the article(s).

WebQuest
You will create an original Web Quest that facilitates student understanding/exploration of a standards-based curricular concept. The WebQuest must include all of the components of an effective WebQuest, and it should be designed appropriately for the target learners. You may borrow ideas from other existing Quests, but the document and general ideas must remain your own. Be sure to give appropriate credit where it is due. More information and the scoring rubric are posted in Blackboard.

ETC Presentation Idea (Choose 2 of 3 options)
The 11th Annual Educational Technology Conference (ETC) will be held at James Enochs High School in Modesto on Saturday, February 27, 2010. The conference is typically attended by about 450 area teachers who are interested in using technology for teaching and learning. Conference organizers are looking for presenters who are willing to share their ideas in a one- or two-hour session. Develop an outline for an ETC session. More information and the scoring rubric are posted in Blackboard.

Technology Tool (Choose 2 of 3 options)
Develop an activity/lesson in which students use a piece of tool software other than the Web (ex: word processor, desktop publishing, drawing, spreadsheet, database, multimedia authoring, presentation, Inspiration, etc.) or some other technology tool (video camera, digital camera, tape recorder, CD player, calculator, student response systems, science probeware etc.). More information and the scoring rubric are posted in Blackboard.

Collaborative Activity (Choose 2 of 3 options)
Develop an activity/lesson in which students work collaboratively with others (could be at the same school or with people outside the school) using a Web 2.0 component/tool (Ex: Blog, Twitter, Wiki,
Skype, Newsfeed, Chat, Podcast) or a cell phone to facilitate the collaboration. More information and the scoring rubric are posted in Blackboard.

### EDIT 4710 Course Calendar
See Blackboard for links to required articles.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Weekly Assignment Due</th>
<th>Major Assignment Due</th>
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</thead>
<tbody>
<tr>
<td>9/15</td>
<td>F2F  Introduction</td>
<td></td>
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<tr>
<td>9/22</td>
<td>OL F2F Constructivism</td>
<td>Timeline</td>
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<tr>
<td>9/29</td>
<td>Differentiated Instruction</td>
<td>Wiki setup</td>
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<tr>
<td>10/6</td>
<td>F2F Student Engagement</td>
<td>Claymation</td>
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<td></td>
<td>No classes on 10/13 in observance of Columbus Day</td>
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<tr>
<td>10/20</td>
<td>OL Critical Thinking: Web Quest</td>
<td>Database</td>
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<td>10/27</td>
<td>OL Assessment</td>
<td>WebQuest Evaluation</td>
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<td>11/3</td>
<td>OL Collaboration, Web 2.0</td>
<td>Rubric</td>
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<tr>
<td>11/10</td>
<td>F2F Classroom Management</td>
<td>Class Collaborative Activities</td>
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<tr>
<td>11/17</td>
<td>OL Other Technologies</td>
<td>Spreadsheet</td>
<td>ETC Presentation Idea</td>
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<tr>
<td>11/24</td>
<td>F2F Writing Skills</td>
<td>Podcast Analysis</td>
<td>Technology Tool</td>
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<td>12/1</td>
<td>OL Teacher Tools</td>
<td>Writing Activities</td>
<td>Collaborative Activity</td>
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<tr>
<td>12/8</td>
<td>OL Information and Media Literacy</td>
<td>Instruction Sheet</td>
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<tr>
<td>12/15</td>
<td>none</td>
<td>Literacy Worksheet</td>
<td>WebQuest</td>
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All assignments are due at 5 pm on the date indicated on the schedule. A 5% reduction of points per day will be incurred for late work, up to a maximum 50% reduction. Under no circumstances will the WebQuest be accepted after 5 p.m. on 12/15. Assignments are always welcome to be submitted prior to the due date.