



EDUCATIONAL APPLICATIONS OF TECHNOLOGY

CI 100

Spring 2014, 3 Units

Mondays, 8:00am – 10:50am

Instructor: Henry D Placenti

“Leadership for Diverse Communities.”

Office Hours

Mondays	ED-165	11:00am—1:00pm	4:00pm – 6:00pm
Wednesdays	ED-169	2:00pm – 6:00pm	
Thursdays	ED-169	10:00am – 2:00pm	
Appointments	(559) 278-0381		

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COURSE DESCRIPTION

Catalog Description

Use of multiple applications of current and emerging technologies to increase subject matter knowledge and understanding. Evaluation of various educational applications of technology as effective tools for education. Exploration of ethical and social issues related to technology.

Expanded Description

CI 100 is designed to help prospective teachers explore and use new and emerging technologies to promote learning. This course addresses required elements of Standard 9: Technology in the Subject Matter Program (CCTC Subject Matter Requirement for the Multiple Subject Teaching Credential) as paraphrased below:

- 9.3 Prospective teachers analyze, compare and evaluate technologies as effective tools of study and learning across the curriculum.
- 9.2 Prospective teachers use current and emerging technologies in efforts to increase their subject matter knowledge and understanding. Prospective teachers learn to use technologies for multiple applications including research, analysis, communication and presentation applications.
- 9.4 Prospective teachers are introduced to ethical and social issues related to technology, including issues of access, equity, privacy, the protection of children, and ownership of intellectual property.

INSTRUCTIONAL OBJECTIVES

Course activities and assignments will prepare students to reach the following instructional objectives. Activities to support meeting the objectives will be designed to reinforce subject matter learning. Students enrolled in CI 100 will:

1. Analyze ethical, social, and legal issues related to the use of technology, including access, equity, privacy, the protection of children, and ownership of intellectual property.
2. Describe appropriate technologies for meeting the learning needs of a diverse student population.
3. Demonstrate knowledge of and use appropriate electronic file management.
4. Evaluate and select a variety of Internet resources that could effectively support learning related to California subject-matter content standards.
5. Use the Help component embedded in software programs for learning how to use new features and for troubleshooting.
6. Consider the potential for using emerging technologies in the classroom.
7. Use electronic graphic organizers to analyze and present subject matter knowledge.
8. Use desktop publishing to create documents to communicate and present information.
9. Use presentation software (such as PowerPoint) to effectively communicate information.
10. Use spreadsheet software to record and chart data.
11. Use multimedia technology to present information.
12. Use a variety of electronic resources to research a specific topic.
13. Compare the strengths and weaknesses of electronic resources designed for use in the classroom.
14. Investigate and evaluate electronic resources designed to provide continuing professional development for classroom teachers.

INSTRUCTIONAL MATERIALS AND RESOURCES

Readings: A number of readings will be assigned throughout the semester. See the appropriate week in the Readings folder on Blackboard as indicated in the course schedule.

Online help with Microsoft Office (Word, Excel, PowerPoint) is readily available. However, if you are the type of learner who finds having a book more helpful, a variety of “how to” books for Office are available at local bookstores.

Standards The California State Board of Education Content Standards will be used in this class; they can be accessed at the following website: <http://www.cde.ca.gov/be/st/ss/>

Technology Resources The following technology resources will be used during this class.

- 4 or 8GB (minimum) jump/pen drive for storing and transferring files between computers (required).
- You are encouraged install **Microsoft Office** on your computer. For information on campus pricing and purchasing locations, see Student Technology Special Programs at: <http://www.csufresno.edu/ait/ait-links.htm> - Software
- Digital campus recommends using **Firefox** (latest version) as an **Internet Browser** (rather than Explorer) when working with Blackboard. Download: <http://www.mozilla.com/en-US/firefox/upgrade.html>
- **iTunes**, an audio file player, can be downloaded for both Windows and Mac from the following website: <http://www.apple.com/itunes/download/>
- **QuickTime Player**, a video clip player can be downloaded for both Windows and Mac from the following website: <http://www.apple.com/quicktime/download/mac.html>
- A current version **Adobe Acrobat Reader** (Adobe Reader, 9.3 or latest version) will allow you to read PDF files. It can be downloaded from the following website: <http://get.adobe.com/reader/?promoid=BUIGO>

EXAMINATION AND MAJOR ASSIGNMENTS

Below are brief descriptions of class assignments. Detailed information on the assignments, as well as scoring guides, will be available electronically on the course Blackboard site.

LONG-TERM ASSIGNMENTS

These assignments are to be submitted on or before the due date. There will be a penalty of 10% per week (or part of a week) for late assignments. No assignments will be accepted after the last class of the semester.

Planning a Virtual Trip

Individually or with a partner, plan a virtual trip. You have an anonymous benefactor, so money is no object. You will use the Internet to research and collect information for your trip as well as the history and culture of the location(s) you are visiting. For each stop on your itinerary, you will describe the cultural and/or historic significance of the places you will visit. The completed assignment will include:

- A **PLAN, STANDARD AND RESOURCES** of trip — Microsoft Word
- A **SPREADSHEET** of your itinerary of the trip — Microsoft Excel
- A **RESOURCES** document describing each image, music, and subject information used for the trip — Microsoft Word, and
- A **MULTIMEDIA PRESENTATION** of the trip — Microsoft PowerPoint
- A **BROCHURE** describing the trip — Microsoft Word Project Gallery, and
- An individual **REFLECTIVE ANALYSIS** on the **Virtual Trip** assignment — Microsoft Word

Digital Storytelling Project

Use a desktop video editing programs to create a story related to a California subject matter content standard(s) and suitable for classroom use at the targeted grade level.

- A **PLAN** with **COMPLETE STANDARD** describing the **Digital Story** — Microsoft Word
- A **SCRIPT** with **COMPLETE STANDARD** for the voiceover recordings required for the **Digital Story** — Microsoft Word
- A **REFERENCE** document of all **RESOURCES** used to complete the **Digital Story** — Microsoft Word
- A multimedia **Digital Story RENDERED** of movie and iMovie project— iMovie or Microsoft PowerPoint
- An individual **REFLECTIVE ANALYSIS** on the assignment — Microsoft Word

SHORT-TERM ASSIGNMENTS

Short-term homework and in-class assignments are designed to support and reinforce your learning of important course concepts and content. You are expected to complete all in-class and homework assignments to a satisfactory degree.

Your score on short-term assignments will be a reflection of your thoughtful and timely completion of individual homework and in-class assignments and in contributions and participation in discussions and collaborative assignments.

ATTENDANCE/PARTICIPATION

Attendance is mandatory, not only your physical presence but your mental presence as well. Different instructional strategies will be modeled (e.g., whole class, cooperative small group work, presentations,

inquiry) to introduce you to the various ways technology can be incorporated in the classroom. The focus will be on instructional strategies that encourage your active participation.

Be on time for class, with your materials, ready to work, and with a positive, cooperative attitude. Please understand that if for some reason you are late to class or must miss class, the experiences missed cannot be duplicated. If you must miss a class you are responsible for getting notes and any materials from another class member. It is highly recommended that each student arrange with another to be “class buddies” so you can contact him or her in case of absence or questions.

GRADING POLICY

Your grade will be determined on the following basis:

Assignment	% of Grade
Attendance/Participation/Articles	12.5%
Short-term assignments (In-class and homework)	27.5%
Virtual Trip	30.0%
Digital Story	25.0%
Final	5.0%
Total	100%

Grade	% of Points
A	90-100
B	80-89
C	70-79
D	60-69
F	<60

EVALUATION OF MAJOR ASSIGNMENTS

The two major assignments will be scored using a scoring guide or rubric, available on Blackboard along with the assignment.

EVALUATION OF SHORT-TERM ASSIGNMENTS

Grading for in-class and homework assignments will be based on the scoring rubric shown below.

Homework assignments are due at the beginning of the class session. If you are absent, the assignment must be submitted via Blackboard assignments by the beginning of the class session or brought by another student.

Late homework assignments will be penalized at the rate of 10% per week.

SUBMISSION OF ASSIGNMENTS

Written work should be word-processed and well written with grammar and spelling carefully checked. Include your name and the day and time your class meets. If you worked with one or more partners include names of all individuals who worked on the assignment.

Preparing Electronic Documents

Word-processed documents must be in a format that can be opened in Microsoft Word. If you don't have Word, convert your file to a *PDF* document, which preserves exact text and formatting. If your word processing program does not have a *PDF* option, choose **Rich Text Format (RTF)**, which preserves the text and most of the formatting.

If you have Office 2007 for Windows, there is a compatibility problem with Mac OS. Microsoft recommends that you save your documents as a “Word/Excel/PowerPoint 97-2003 Document” (.doc, .xls, .ppt) to ensure the documents can be shared across platforms. If you don't, I may not be able to open your documents.

Naming Electronic Documents

Always include your last name, first initial and an indication of the assignment in your file name. Begin with your last name and first initial (all one word), followed by an underscore (_), a short assignment name, and the appropriate file extension (.doc, .ppt, .xls). For example, if Jane Jones were to submit an assignment called *Virtual Trip Reflection* as a Word document, the name of her file could be:

JonesJ_VT4_Reflect.doc.

Be sure to add the appropriate file extension when you name a document. The file extensions for Office are:

- Word Processing: *.doc*
- PowerPoint: *.ppt*
- Excel: *.xls*

Note: *Avoid saving your documents using the default file extension followed by an “x” (i.e. **docx** [Word], **pptx** [PowerPoint, **xlsx** [Excel]).*

For other types of files, if you are unsure what the file extension should be, please ask.

In addition to word-processing, some assignments will require that you use PowerPoint or Excel, which are included in the Microsoft Office suite. You are strongly encouraged to purchase and install a recent version of Office on your computer. For information on special campus pricing and purchasing locations, see *Student Technology Special Programs* at: <http://www.csufresno.edu/ait/ait-links.htm>.

COURSE POLICIES

Subject to Change

The course syllabus and schedule are subject to change in the event of extenuating circumstances. If you are absent from class, it is your responsibility to check on announcements made while you were absent.

Cell Phones and Beepers

Electronic devices such as cell phones and beepers are to be turned off before you enter the classroom.

Attendance and Tardies

You will receive 3 points for each full class session attended. Tardies and early departures will reduce your score. These points affect the “Attendance/Participation” portion of the grade.

UNIVERSITY POLICIES

Honor Code

“Members of the CSU Fresno academic community adhere to principles of academic integrity and mutual respect while engaged in university work and related activities.” You should:

- a) Understand or seek clarification about expectations for academic integrity in this course (including no cheating, plagiarism and inappropriate collaboration).
- c) Take responsibility to monitor academic dishonesty in any form and to report it to the instructor or other appropriate official for action.
- b) Neither gives nor receives unauthorized aid on examinations or other course work that is used by the instructor as the basis of grading.

Copyright

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http://labs.lib.csufresno.edu/SpecialCollections/?page_id=10

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Policy on Students with Disabilities

Upon identifying themselves to the instructor and the university, students with disabilities will receive reasonable accommodation for learning and evaluation. For more information, contact [Services to Students with Disabilities](#) in the University Center Room 5 (278-2811).

Policy on Cheating and Plagiarism

"Cheating is the actual or attempted practice of fraudulent or deceptive acts for the purpose of improving one's grade or obtaining course credit; such acts also include assisting another student to do so. Typically, such acts occur in relation to examinations. However, it is the intent of this definition that the term 'cheating' not be limited to examination situations only, but that it include any and all actions by a student that are intended to gain an unearned academic advantage by fraudulent or deceptive means. Plagiarism is a specific form of cheating which consists of the misuse of the published and/or unpublished works of others by misrepresenting the material (i.e., their intellectual property) so used as one's own work." Penalties for cheating and plagiarism range from a 0 or F on a particular assignment, through an F for the course, to expulsion from the university. For more information on the University's policy regarding cheating and plagiarism, refer to the Class Schedule (Legal Notices on Cheating and Plagiarism) or the University Catalog (Policies and Regulations).

Access to Computer Technology

At California State University, Fresno, computers and communications links to remote resources are recognized as being integral to the education and research experience. Every student is required to have his/her own computer or have other personal access to a workstation (including a modem and a printer) with all the recommended software. The minimum and recommended standards for the workstations and software, which may vary by academic major, are updated periodically and are available from Information Technology Services or the University Bookstore. In the curriculum and class assignments, students are presumed to have 24-hour access to a computer workstation and the necessary communication links to the University's information resources.

Disruptive Classroom Behavior

The classroom is a special environment in which students and faculty come together to promote learning and growth. It is essential to this learning environment that respect for the rights of others seeking to learn, respect for the professionalism of the instructor, and the general goals of academic freedom are maintained. ... Differences of viewpoint or concerns should be expressed in terms which are supportive of the learning process, creating an environment in which students and faculty may learn to reason with clarity and compassion, to share of themselves without losing their identities, and to develop an understanding of the community in which they live . . . Student conduct which disrupts the learning process shall not be tolerated and may lead to disciplinary action and/or removal from class.