Advanced techniques for using network-based resources for teaching and learning will be introduced. Students will review relevant research on advanced technologies related to assessment of professional performance and student achievement. Students will present a Web based professional Teaching Performance Assessment Portfolio (TEP ePortfolio) that reflects teaching performance during their student teaching or internship field experience.

Course Reader

This Reader will be entirely online at http://tepserver.ucsd.edu/courses/tep204/tep204.htm

In this course, you will learn to use a variety of computer applications and advanced technology tools to examine the professional growth of a new teacher and to explore the use of technology supported curriculum in the K-12 classroom.

You will also research the connection between technology and learning, exploring its current effects and application in the classroom and its potential to transform the way we teach and learn.

The first half class will be devoted to lectures and demonstrations and discussions, and the remaining class time will be devoted to hands-on laboratory activities.

The TEP Keck Laboratory Classroom contains 30 networked Macintosh computers and two laser printers for student use. This facility is available to you from 8:30-5:00 Monday through Friday.

Course Grading

- Participation in class discussions and activities (10%)
- In-Class Group Assignments (40%)
- Out-of-Class Group/Individual Assignments (50%)
Overview of Course Assignments and Projects

This course will have several class group assignments/activities and several independent assignments/activities.

In-Class Group Assignments

1. Take Action: “Ongoing Professional Development”
   In this activity you will be asked to examine many websites that relate to the professional development of teachers. You will develop a rubric designed to evaluate these websites and plan a short 20 minute professional development activity for yourself and others.

2. “The Long Haul” discussion
   In this activity you will be asked to reflect on the role of mentoring and modeling in a teachers growth as a professional. You will analyze some research that suggests the most effective long term training for teachers. Your ideas will be discussed in class in a small group setting.

3. “Professional Development through Learning Communities”
   Many schools and staffs find that time is the biggest constraint they have to engaging in meaningful professional growth activities. Here we will examine some alternative approaches to providing this growth through other means, such as electronic communities.

4. WebQuest on WebQuests
   This WebQuest was designed to introduce teachers to the components and ideas that surround WebQuest design. We will use a WebQuest to explore and learn these techniques.

5. Teaching Through Tech Quest
   This WebQuest will introduce you to some of the exemplary uses of the Internet as an embedded technology to support the K-12 curriculum.

Out-of-Class Group/Independent Assignments

1. WebQuest Design
   In content, grade level groups, you will design and present a WebQuest to be used in a future class you may teach.

2. Video evidence exemplifying your teaching practice (iMovie or DIVER)
   You will create a digital video that will highlight your teaching practice. This video may contain video clips, digital photographs, or scanned images of student work. It may also contain audio, music, or narration. The format of the digital video will be as follows: Frame size: 320x240, Frame rate: 12-15 frames per second, Format: Quicktime digital video, Duration: up to 3 minutes.

   In this paper you will be asked to reflect on how the electronic supports and virtual communities developed at UCSD have provided support for your growth as a professional teacher. These supports include WebPlan, ePortfolio, ,Discussion Board, email communication, and course websites. The paper should be 3-6 pages and will be uploaded to your ePortfolio. Some suggestions for the ideas presented in the paper could include how these supports facilitated your professional growth, how your growth affected your classroom teaching, how your use of technology was incorporated into your teaching, etc.
<table>
<thead>
<tr>
<th>Date</th>
<th>Class Activity</th>
<th>Reading(s) and Videos</th>
<th>Assignments Due</th>
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</table>
| Session 1 | Mon, 6/23                                                                      | 1. Review syllabus and course activities  
2. Live & Learn Video  
3. Instructional Module/Teacher Development Activity  
   • Take Action: Ongoing Professional Development  
4. “Long Haul” for next class meeting | Articles  
   ➢ Information Literacy  
   ➢ Take Action resources | Take Action Rubric and brief activity plan.  
Download “Long Haul” guidesheet and complete prior to next class meeting |
|           |                                                                               | Video  
   ➢ Interview w/ Linda |                                                                                  |
| Session 2 | Wed, 6/25                                                                      | 1. Discussion/Groups on “The Long Haul” activity  
2. Instructional Module/Teacher Development Activity  
   • Professional Development Through Learning Communities | Articles  
   ➢ Prof Development Through Learning Communities  
   ➢ The Long Haul  
   ➢ Teacher Learning that Support Students | Long Haul note sheet |
|           |                                                                               | Video  
   ➢ Interview w/ Linda |                                                                                  |
| Session 3 | Mon, 6/30                                                                      | 1. Introduction to Project-Based Learning & WebQuests  
2. “WebQuest about WebQuests”  
3. Begin work on Group Quest | Articles  
   ➢ What is Project-Based Learning?  
   ➢ Why is PBL Important  
   ➢ Encouraging the use of Tech in Classroom  
   ➢ WebQuests in the MS Curriculum | Learning Communities results  
WebQuest results |
|           |                                                                               | Video  
   ➢ Changing Role of Teacher |                                                                                  |
| Session 4 | Wed, 7/2                                                                       | 1. Emergent Technologies in Schools presentation  
2. “Teaching Through Technology” Quest  
3. Continue Work on Group Quest | Articles  
   ➢ Tech and Education: Between Chaos & Order  
   ➢ The Gap between…  
   ➢ Community Planning | WebQuest results |
|           |                                                                               | Video  
   ➢ Seamless Tech Integration of Handhelds  
   ➢ High Tech/Low Cost |                                                                                  |
| Session 5     | 1. Introduction to Video Evidence (iMovie & DIVER)  
|             | 2. Complete iMovie tutorial  
|             | 3. Begin work on movies | Articles  
|             | ➢ Reflective Practice  
|             | ➢ Constructing & Critiquing Reflective Practice  
|             | ➢ Promoting Electronic Reflective Practice  
|             | ➢ Prof. Dev in a Technology Age  
|             | ➢ Multimedia & Kids  
|             | ➢ First Peoples & Tech | 
| Session 6   | Continue work on movies & Group Quests | Article  
| Wed, 7/9    |                                   | ➢ Sample Student Project  
|            |                                   | ➢ More Sample Projects  
|            |                                   | ➢ African Folk Tales  
|            |                                   | ➢ Project Dance | 
| Session 7   | Present Group Quests Day!!        | Final WebQuest | 
| Mon, 7/14   |                                   |             | 
| Session 8   | Final movie workday               | Final Movie | 
| Wed, 7/16   |                                   |             | 
| Session 9   | Movie Day!!                       |             | 
| Mon, 7/21   |                                   |             | 
| Session 10  | M.Ed Colloquium for all students  | Final ePaper | 
| Wed, 7/23   |                                   |             |