



INST 943—Impact of Technology on Education

Creating A Web-based Learning Environment (4 credits)

Course Instructor: Andrea Infantino

Dates: September 24, 2008 - January 21, 2009

Format: Online interactions/discussions plus five face-to-face sessions

Course Description

Participants will explore and use a variety of electronic/web technologies and complete a selection of readings that focus on expanding their knowledge of how 21st Century web technologies are defining the communication style, learning styles and activities of students. Participants evaluate a variety of web technologies such as podcasts, blogs, wikis, RSS feeds, and explore their application to the classroom environment. They will develop a comprehensive interactive educational web environment that reflects their understanding of the latest available technologies and student learning needs. The course will include discussion of copyright and "Fair Use" laws as they relate to online learning, and emphasize collaboration, knowledge sharing, and the use of technology in learning as critical 21st Century skills.

Course Objectives

1. Expand teacher knowledge and understanding of current web technologies and their impact on student learning.
2. Identify and explore web technologies for use in teachers' instructional practice
3. Identify ways to integrate new technologies into classroom practice as a means of motivating student learning
4. Learn about and apply copyright provisions in a web-based environment.
5. Provide a model for an educational web environment that supports and highlights teacher professional work and serves as a communications center with students, parents and peers.

Course Expectations/Requirements

Participants will:

1. Read and discuss current articles and studies on a variety of related topics such as 21st Century literacy, web design, application of digital media in education, etc.
2. Learn about and apply copyright provisions in a web-based environment.
3. Adopt a variety of Web 2.0 technologies for teaching practice and peer collaboration.
4. Develop student assignments using new technologies.
5. Design and develop an educational web environment that supports and highlights their professional work and serves as a communications center with students, parents and peers.



Materials

Groff, Jennifer, and Jason Haas. "Web 2.0: Today's Technologies, Tomorrow's Learning." *Learning and Leading with Technology* Sept.-Oct. 2008: 12-15.

Hendron, J.G.(2008) *RSS for Educators: Blogs, Newsfeeds, Podcasts, and Wikis in the Classroom*. International Society for Technology in Education, Eugene, Oregon.

Kolb, Liz. (2008) *Toys to Tools: Connecting Student Cell Phones to Education*. International Society for Technology in Education, Eugene, Oregon.

Richardson, Will. (2006) *Blogs, Wikis, Podcasts and other powerful Web tools for Classrooms*. Corwin Press, Thousand Oaks, CA

Warwick, D. (2000). *Classroom Blogging: A Teacher's Guide to Blogs, Wikis, & other Tools that are Shaping a New Information Landscape*. The Landmark Project, Raleigh, NC.

Websites

1. <https://www.eschoolnews.com/freeesn/index.cfm>
2. <https://c4.erightsweb.com/edweek/show/registration/registerUser.do?promoCode=free-reg2&sitecode=default&source=http://www.edweek.org/ew/index.html&desintation=http://www.edweek.org/ew/index.html>
3. Owing the Teaching...and the Learning
<http://weblog-ed.com/2006/owning-the-teachingand-the-learning/>
4. Blogs on Educational Blogging
<http://supportblogging.com/Links+to+School+Bloggers>
5. Wikis and Education
<http://www.shambles.net/pages/learning/ict/wikiedu/>
6. Podcasting in Education
<http://www.apple.com/education/resources/podcastingvideos/?cid=CDM2589A-1>
7. Learn how to bring the benefits of podcasting to your classroom
<http://poducateme.com/>
8. Copyright Quiz
http://www.techlearning.com/db_area/archives/TL/2002/10/copyright_quiz.php
9. "Copyright excesses worry teachers and scholars"
<http://www.eschoolnews.com/news/showStory.cfm?ArticleID=5118>
10. "Copyright and Fair Use Guidelines for Teachers"
http://www.techlearning.com/techlearning/pdf/db_area/archives/TL/2002/10/copyright_t_chart.pdf
11. "Evaluating Internet-Based Information: A Goals-Based Approach".
<http://landmark-project.com/evaluation/index.html>
12. "Principles for Evaluating Websites",
<http://school.discoveryeducation.com/schrockguide/eval.html>

Grading Criteria

F-2-F Participation-35%
Online Participation-15%
Assignments-50%
Surveys-(Grade submitted upon completion)

Metro South/West Regional Employment Board

Leadership Initiatives for Teaching and Technology

LIFT²

...externship experiences inspiring classroom practice

