

University of Alaska Fairbanks
School of Education
Proposed Course Syllabus EDSC 642 (stacked 442)

EDSC 642
Technology Applications in Education I
1 credit
Fall 2013

Location: Old University Park Elementary School, Computer Lab

Meeting Time: Tuesday, 5:00-6:00 pm
Dates TBA

Instructor Info: Don Peterson
email: dtpeterson@alaska.edu
Office Hours: Tues, Thurs 10 am-4 pm

Course Description:

The course focuses on educational technology and applications as a resource for the delivery of instruction to enhance student learning. The course is designed for participants who will use technology tools to create and implement instructional material in a variety of media to support and assess learning, including distance educational media and methods, and to provide tools to enhance professional productivity, collaboration and communication. Participants will create a professional electronic portfolio that demonstrates professional development and achievement relative to the ISTE National Standards for Teachers.

Learning Outcomes:

1. Introduce participants to educational technology strategies and methods to assess learning.

2. Implement at an initial level, technology tools to assist

3. Create a rich electronic portfolio utilizing Live Text.

4. Demonstrate their places as instructional facilitators in technology rich

5. Course include lecture, small group discussion and technology, Elluminate, LiveText and reflective writing.

Additional information, resources and rubrics can be found at:

<https://sites.google.com/a/alaska.edu/dtpeterson/home>

EDSC 642 Calendar, Fall 2013

1 hour classes

9/10

Introductions

Course syllabus

Create LiveText account

Develop skeleton of electronic portfolio

Send portfolio to instructor for review

Homework: Study photography terms and concepts as noted on the class web site

9/17

Discuss camera attributes (ISO, aperture, shutter speed, etc.)

Discuss photography terms and concepts

Examine graphic editing software

Homework: Create six well composed photographs

9/24

Discuss web hosting of images

Use graphic editing software to adjust photos

Create photo formats for a variety of purposes

Homework: Develop a web album

10/1

View web albums

Examine/solve problems associated with the albums

Homework: Read Ayan & Seferoglu article: Using Electronic Portfolios to Promote Reflective Thinking.

10/8

Discuss above article

Continue exploring graphic editing software

10/15

Peer review of current electronic portfolios

Read Torras and Mayordomo article: Teaching Presence and Regulation in an Electronic Portfolio

10/22

Discuss above article

Homework: View "Denali One-to-One" or read the blog "One Transformed Classroom"

10/29

Discuss “Denali One-to-One” or “One Transformed Classroom”

Homework: 1. Address three possibilities and three potential problems of a one-to-one setting; 2. Research the use of educational technology in one or more settings

11/5

Continue discussion of “Denali One-to-One and “One Transformed Classroom”

Discuss student reactions to potential possibilities and problems of a one-to-one setting

Discuss findings of the research above.

Homework: Develop an online presentation of the above research

11/12

Begin posting assignments on the electronic portfolio

Discuss the online presentations developed above

Discuss correct formatting of documents and graphics

11/19