University of Alaska Fairbanks
School of Education
Course Syllabus EDSC 643 (Stacked 443)

Proposed EDSC 643
Technology Applications in Education II
2 credits
Spring 2014

Location: Old University Park Elementary School, Computer Lab

Meeting Time: Tuesday, 5:00 -7:00 pm
                     Dates TBA

Instructor Info: Don Peterson
                     email: dtpeterson@alaska.edu
                     Office Hours: Tues, Thurs 10 am – 1 pm

Participants will need a laptop computer with wireless capability and a LiveText account. (Student membership is $99.) No course texts will be required, as the majority of resources will be found online.

Software to complete all assignments is available as system applications, available on the UAF Key Server or available for free from various Internet sources. For example, video editing can be completed with iMovie on Apple computers and MovieMaker on Windows computers.

Multiple on-line resources are available at no cost for all other assignments. For example, Google, Weebly and other sites can be created at no cost and a variety of screencast capabilities are available on-line at no cost (Jing, Screencast-o-

Disability Services

Shepherd, C., & Skrabut, S. (2011). Rethinking Electronic Portfolios to Promote Sustainability among Teachers. *Techtrends: Linking Research & Practice To Improve Learning, 55*(5), 31-38. doi:10.1007/s11528-011-0525-5

Grading:
Grading follows UAF academic regulations which can be found at
http://www.uaf.edu/catalog/current/academics/regs1.html

Grade	%
A	100-90
B	89-80
C	79-70
D	69-60

Assignments:

Topic	Assignment
1 (10%)	Create a digital video that is no longer than 3 minutes and tells a complete story. Include a title, narration still photo, music and, of course, video. The topic may be appropriate for use in your portfolio or a "stand-alone." Post the video on YouTube, paste the video URL into your portfolio and send for review. Paste the video URL onto the Google doc provided. NOTE: A minimum of two videos must be included in your portfolio. One is to show technology being used in a teaching/learning situation and included in Standard 4. The second can be a topic of your choice.
2 (10%)	Create a Google Site with at least 3 pages and which would be appropriate for use as a classroom communication tool. Paste the site URL into your portfolio and send for review. Paste the URL onto the Google doc provided.
3 (5%)	Create a series of three screencasts that demonstrate three related "how to" computer skills. Include narration that supports the video. Applications like Screenflow and Screen Toaster can be utilized. Post the videos on YouTube, paste the video URL into your portfolio and send for review. Past the video URL onto the Google doc provided.
4 (10%)	View three websites that address the efficacy of electronic portfolios. Write a paper explaining your thoughts regarding portfolio preparation. Include arguments supporting either the inclusion or exclusion of a required electronic portfolio.
5 (15%)	View a course designed for on-line use. Submit an analysis of the course's organization and implementation as an effective on line offering.
6 (50%)	Complete the electronic portfolio using LiveText.
7	Peer review the portfolio with at least two other interns. Make changes as appropriate. Send the archived portfolio and copies of the videos (if not posted online) to the instructor.
8	Present electronic portfolio to members of the following year's cohort. Reviewers for SOE will be forwarded to individuals when the faculty assignments have been made.

Additional information, resources and rubrics can be found at:

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

EDSC 643 Calendar, Spring 2014

1/21
Discuss digital camcorder attributes (chip set, audio, white balance, etc.)
Discuss storyboarding for Assignment 1
Discuss on-line video hosting
Homework: Begin planning video for Assignment 1

1/28
Discuss video editing software
Discuss video formats (.m4v, .mp4, .mov)
Homework: Review video terminology and other video resources available on the class web site, 2. Record video for editing

2/4
Demonstrate video editing applications
Homework: Create video as outlined in Assignment 1

2/11
Peer review of draft videos
Homework: 1. Create final version of video based on peer review, 2. Post video on hosting site

2/18
Examine web sites for content and formatting
Demonstrate creating a web site using Google Sites (or another application)
Homework: Read Rhodes article: Making Learning Visible and Meaningful Through Electronic Portfolios

2/26
Discuss above article
Determine rough layout of Google Site
Homework: Read Shepard and Skrabut article: Rethinking Electronic Portfolios to Promote Sustanability among Teachers

3/4
Discuss article above
Create Google Site
Homework: Post portfolio assignments as appropriate on electronic portfolio

3/22
Peer review of Google Sites
Discuss course design for on-line presentation
Homework: 1. Finalize Google Site based on peer review, 2. Post portfolio assignments as appropriate on electronic portfolio

3/25
Continue discussion of on-line courses
Discuss screencasting applications (Screenflow, Camtasia)
Homework: 1. Create screencasts as outlined in Assignment 3, 2. Develop analysis of on-

line course and implementation, 3.Post portfolio assignments as appropriate on electronic portfolio

4/1
Peer review screencasts
Homework: 1. Post final screencasts on video hosting site, 2. Post portfolio assignments as appropriate on electronic portfolio

4/8
Examine three web sites which address the efficacy of electronic portfolios
Homework: 1. Write a paper explaining your thoughts regarding electronic portfolios, 2. Post portfolio assignments as appropriate on electronic portfolio

4/15
Continue finalizing electronic portfolio

4/22
Peer review of electronic portfolio

5/6
Final portfolio is due
Present portfolios to 2014-2015 cohort