Course Information:
Current Issues in Technology, ED 650, 3 Credits

Prerequisites: Students must be admitted into the University of Alaska Fairbanks, School of Education Master's of Education Program or obtain instructor approval to enter this course.

Location: Distance delivery, primarily asynchronous.

Instructor Information:
Dr. Roy F. Roehl II
UAF School of Education, Gruening 714 B
Office Hours: By appointment
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Course readings/materials:

Required Text:

Maureen S. & Eugene S. Simko (2009). Current topics in technology (3rd ed.). Boston, MA: Course Technology Press.

Supplemental reading required:

Guzdial, M. (2009). Sharing ideas, writing apps, and creating a professional web presence.
     Communications of the ACM, 52(7), 10-11.

Kay, R. (2003). Presence technology. Computerworld, 37(10), 36.

Sandborn, P. (2008) Trapped on technologies trailing edge. IEEE spectrum, 45(4), 43-58.

Will, E. M., & Callison, C. (2006). Web presence of universities: Is higher education sending the right message online?
     Public Relations Review, 32(2), 180-183.

Supplemental recommended text and readings:

These books are not required but will be very helpful through-out your career as a student and researcher.

American Psychological Association (2009). Publication manual of the American Psychological
     Association (6th ed.). Washington, DC: American Psychological Association.

Kelly, R. (2010). Instructor's personality: An essential online course component. Distance Education Report, 14(4), 8.

Course Description: This course is designed for Masters of Education in Technology and Innovation students as they work towards their master's projects or theses. Other students are welcome to take this course but please be aware this course is

Alignment with School of Education Mission:

The School of Education prepares educators to work in urban and rural Alaska and to work with K-12 students from many backgrounds, with a particular focus on Alaska Native languages and cultures. We are particularly committed to enhancing the educational opportunities for Alaska's rural and Native populations. Through the UAF rural campuses, we are responsive to local and regional needs within the state.

Through our programs and professional development courses, we promote the following goals:

- o Increase the number of qualified educators for Alaska's schools
- o Enhance the professional skills of Alaska's K-12 educators
- o Develop and support ongoing systemic educational collaborations with Alaska schools and communities
- o Conduct collaborative research on cross-cultural and multicultural education

This course supports the UAF School of Education's mission by providing students with the skills necessary to design thoughtful individualized instructional environments utilizing technologies and strategies appropriate to all learners. Students will acquire skills in the management and implementation of technology that will enhance their professional qualifications based on ISTE and Alaska teacher standards for technology and instructional design.

Course Goals:

1. Consider the relationship between current issues in technology along with their varied presences in such technologies.

Course Calendar:

Week	Topic	Assignments	Readings
1	Course methodology managing technical literacy and all that data.	Class introductions and UAF account set-up. Confirm technology is up to speed Weekly blog posting and discussion.	Maureen S. & Eugene S. Simko (2009). Forum 16: Technology Literacy Forum 18: Technology Overload
2	The process for technological development and considerations of such development.	Required Check-in Weekly blog posting and discussion.	Maureen S. & Eugene S. Simko (2009). Forum 23: The Power of Information. Forum 28: Moore's Law and Technology
3	Researching and online research tools.	***Review of research materials paper due.*** Weekly blog posting and discussion.	Guzdial, M. (2009). Sharing ideas, writing apps, and creating a professional web presence.
4	Digital presences, what are they and how do we begin to manage them?	Begin researching digital presence Is culture a consideration in technology? Weekly blog posting and discussion.	Maureen S. & Eugene S. Simko (2009). Forum 6: Human Evolution and Technology

	nology management plan?	Outline your personal technology management plan. Weekly blog posting and discussion.	Review student submitted readings.
14	What is a personal technology management plan continued.	Post personal technology management Plan for peer review. Weekly blog posting and discussion	Review and comment on posted per-

Summary of assignments:

1. Class participation/ Posting (20%: 200 pts): You are expected to demonstrate that you have done the readings by contrib-

contribute to the retention, success and leadership development of students. Go to http://www.uaf.edu/ses/ to learn more.

The Center for Distance Education provides student service support for this online course. See their website at: http://distance.uaf.edu

Writing support services are available to UAF students through the Writing Center, located in 801 Gruening, 474-5314, online at: http://www.alaska.edu/english/studentresources/writing/. You are encouraged to use this resource to meet writing expectations.

Technology support services are available through the OIT Support Center, 450-8300 (Toll Free: 800-478-8226), online at: http://www.alaska.edu/oit/sc/about/contact.xml, and via email to helpdesk@alaska.edu.

Disability Services:

UAF offers many services for students with disabilities. If you require
information regarding these services. Their URL is http://www.uaf.edu/apache/disability/ or you give them a call at 474-5655. I will work with Office of Disability