

Submit original with signatures + 1 copy + electronic copy to UAF Governance.

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

**TRIAL COURSE OR NEW COURSE PROPOSAL**

**SUBMITTED BY:**

Department	Graduate	College/School	Education
Prepared by	Roy Roehl	Phone	474-5453
Email Contact	rfroehl@alaska.edu	Faculty Contact	Roy Roehl

**1. ACTION DESIRED**

(CHECK ONE):

Trial Course	<input type="checkbox"/>	New Course	<input checked="" type="checkbox"/>
--------------	--------------------------	------------	-------------------------------------

**2. COURSE IDENTIFICATION:**

Dept	ED	Course #	F650	No. of Credits	3
------	----	----------	------	----------------	---

Justify upper/lower division status & number of credits:

Graduate level reading and assignments.

**3. PROPOSED COURSE TITLE:**

Current Issues in Technology

**4. To be CROSS LISTED?**

YES/NO

No

If yes, Dept:

Course #

(Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)

**5. To be STACKED?**

YES/NO

No

If yes, Dept.

Course #

**6. FREQUENCY OF OFFERING:**

As demand warrants

Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

**7. SEMESTER & YEAR OF FIRST OFFERING (if approved)**

2011-12 academic year (Fall 2011)

**8. COURSE FORMAT:**

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT:

(check all that apply)

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

☒ XX

6 weeks to full semester

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc)

Web Based

**9. CONTACT HOURS PER WEEK:**

LECTURE  
hours/weeks

LAB  
hours /week

PRACTICUM  
hours /week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty/cd/credits.html> for more information on number of credits.

OTHER HOURS (specify type)

3 hours per week, web based

**10. COMPLETE CATALOG DESCRIPTION including dept., number, title and credits (50 words or less, if possible):**

ED F650

Current Issues in Technology

3 credits

As Demand Warrants

Students in this course will develop a higher level of awareness and responsibility regarding an individual's digital presence in an ever-evolving technological landscape. Students will study a series of social, professional, personal and research based issues and how these issues are influenced by current and emerging technologies.

Prerequisite: Admission to the Master of Education in Technology Innovation or permission of instructor.  
(3+0)

**11. COURSE CLASSIFICATIONS:** (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

H = Humanities ☐

S = Social Sciences ☐

Will this course be used to fulfill a requirement for the baccalaureate core?

YES ☐

NO ☒

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6 ☐

W = Writing Intensive, Format 7 ☐

Natural Science, Format 8 ☐

**12. COURSE REPEATABILITY:**

Is this course repeatable for credit?

YES ☐

NO ☒

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

**13. GRADING SYSTEM:** *Specify only one.*

LETTER: ☒

PASS/FAIL: ☐

**RESTRICTIONS ON ENROLLMENT (if any)**

**14. PREREQUISITES**

Admission to the Master of Education in Technology Innovation or permission of instructor.

These will be required before the student is allowed to enroll in the course.

**15. SPECIAL RESTRICTIONS, CONDITIONS**

None

**16. PROPOSED COURSE FEES**

None

Has a memo been submitted through your dean to the Provost & VCAS for fee approval?  
Yes/No

**17. PREVIOUS HISTORY**

Has the course been offered as special topics or trial course previously?  
Yes/No

NO

If yes, give semester, year, course #, etc.:

**18. ESTIMATED IMPACT**

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Minimal impact as this is an asynchronous course cosponsored with the Center for Distance Education

**19. LIBRARY COLLECTIONS**

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No ☐

Yes ☒

Students will utilize Academic Search Premier

**20. IMPACTS ON PROGRAMS/DEPTS**

What programs/departments will be affected by this proposed action?  
Include information on the Programs/Departments contacted (e.g., email, memo)

School of Education will be able to offer a web based, asynchronous Master of Education with emphasis in education technology. (M. Ed. in Instructional Technology Innovation)

**21. POSITIVE AND NEGATIVE IMPACTS**

Please specify positive and negative impacts on other courses, programs and departments resulting from the

proposed action.

**Positive: Master of Education in Instructional Technology Innovation (MITI) will address stated desire from teachers and other community members for a web based M. Ed. with an education technology emphasis**

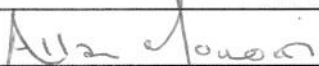
**Negative: None anticipated**

#### **JUSTIFICATION FOR ACTION REQUESTED**

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

**“Current Issues in Technology” is one of eight proposed courses that will make up the Master of Education in Instructional Technology Innovation. All courses for this degree will be available through asynchronous, web-based delivery. The targeted audience for this course and the degree program includes teachers, IT specialists in school districts, and instructional designers in an education or business setting.**

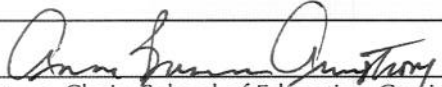
#### **APPROVALS:**



Signature, Chair, School of Education Graduate Program, Allan Morotti

Date


1/10/2011



Signature, Chair, School of Education Curriculum Council, Anne Armstrong

Date

1.14.2011



Signature, Dean, School of Education, Eric Madsen

Date

1/14/11

Signature of Provost (if applicable)

Date

**Offerings above the level of approved programs must be approved in advance by the Provost.**

**ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE**

Signature, Chair, UAF Faculty Senate Curriculum Review Committee

Date

## **ED 650 Current Issues in Technology**

3 Credits

Dr. Roy F. Roehl II

Phone: 907-474-5453

Email: rfroehl@alaska.edu

UAF School of Education, GR 714 B Fax: 907-474-6133

Office Hours: By appointment

### **Prerequisites**

Students must either be admitted to the Master of Education in Instructional Technology Innovation program or obtain instructor permission to enroll in this course. Instructor approval for MITI program courses is based on equivalent class work or work performance demonstration.

### **Instructional Method**

This course is delivered asynchronously and completely on online. Participants will be immersed in a myriad of web-based tools throughout the course. If you are not prepared to participate in this type of course, then you should consider taking an alternative course. You will be required to post comments to the class blogs, submit and respond to emails in a timely manner, submit your work for peer review on Google docs, and amend your personal website and electronic portfolio through-out the course.

### **Catalog Description**

Students in this course will develop a higher level of awareness and responsibility regarding an individual's digital presence in an ever-evolving technological landscape. Students will study a series of social, professional, personal and research based issues and how these issues are influenced by current and emerging technologies.

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 heavily immersed in many technologies and requires multiple web-based skills.

### **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:

- Increase the number of qualified educators for Alaska's schools.
- Enhance the professional skills of Alaska's K-12 educators.
- Develop and support ongoing systemic educational collaborations with Alaska schools and communities.
- 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.

## **Student Learning Outcomes**

- Students in this course will demonstrate an understanding of the relationship between current issues in technology and their varied personal presences in such technologies.
- Students will critically review current and emerging technologies for personal, social, and professional ramifications.
- Students will explore current technologies from multiple cultural perspectives.
- Students will create a personal process for continued appraisal of current issues in technology.

## **Plagiarism and Academic Honesty**

Plagiarism is using what another person has developed as your own words or thoughts. Plagiarism is never acceptable. UAF requires students to conduct themselves honestly and responsibly and to respect the rights of others. Cheating, plagiarism or other forms of academic dishonesty may result in disciplinary action and sanctions.

The UAF Student Code of Conduct is adhered to in this course.

## **Disability Services**

The UAF Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. Your instructor will work with the Office of Disability Services (203 WHIT, 907-474-7043) to provide reasonable accommodation to students with disabilities.

### **UAF Disability Services for Distance Students**

UAF has a Disability Services office that operates in conjunction with the College of Rural and Community Development (CRCDC) campuses and UAF Center for Distance Education (CDE). Disability Services, a part of UAF Center for Health and Counseling, provides academic accommodations to enrolled students who are identified as being eligible for these services. If you believe you are eligible, please visit the Office of Disability Services on the web or contact a student affairs staff person at your nearest local campus. You can also contact Disability Services on the Fairbanks Campus at (907) 474-7043, [fydso@uaf.edu](mailto:fydso@uaf.edu).

## **Student Services**

The Division of Student Services provides student-centered programs and services designed to assist students in achieving their personal, academic and career goals. In collaboration with the academic deans, we lead the university in recruiting a diverse student body. With the use of ongoing assessment we support and develop programs and communities that 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](mailto:helpdesk@alaska.edu).

### Required Text and Readings:

Maureen S. Paparella and Eugene S. Simko. 2009. *Current Topics in Technology* (3rd ed.). Course Technology Press, Boston, MA, United States

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., & Callison, C. (2006). Web presence of Universities: Is higher education sending the right message online?.

### Recommended Text and Readings:

This book is not required but will be very helpful throughout your career as a student and researcher. *Publication Manual of the American Psychological Association* (6th ed.). (2009). Washington, DC: American Psychological Association.

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

Richardson, W. (2007). Building a Web Presence. *District Administration*, 43(5), 82.

**Participation:** Posting to blogs, survey tools, websites, and discussion boards is required. Actively participating in your classmates electronic presence is important for you and your fellow students. We will engage in conversations, activities, and assignments based on your growing understanding of what it means to be an active inquirer/researcher in various digital settings.

**Academic Honesty:** The University of Alaska Fairbanks policies are in effect in this class. Academic honesty is required of all members of a learning community. Unethical behavior such as plagiarism or using others' work without appropriate acknowledgment in presentations, papers, or other course assignments is not tolerated.

Research must be conducted in a professional manner; this includes the write-up and the inclusion of the proper citations and formatting.

Students who fail to follow academic integrity policies may be given failing grades. Plagiarism has several definitions but simply put it is the "appropriation or imitation of the language or ideas of another person and presenting them as one's original work."

If you are uncertain about proper documentation of sources or citations, please discuss this with me. If you quote or paraphrase someone else's ideas, opinions, theories, evidence, or research you must give the source credit.

Ethics, professional conduct, courtesy and respect for others is an expected norm in any setting and is the norm at the University of Alaska Fairbanks. The use of the American Psychological Association (APA) approved



guidelines for ethical behavior is actively encouraged in regard to respectful language usage (i.e., gender, age, ableness, sexual orientation, race, ethnicity, nationality, or other cultural factors).

#### **Evaluation:**

Student grades will be based upon the following criteria:

100%-90% A, 89%-80% B, 79% - 70% C

Class participation/ Postings	200 points
Review of Research Materials	200 points
Essay on Current Issues in Technology Research Questions/Topic:	100 points 100 points
Essays regarding technological presence.	300 points
Personal Technology Management Plan	100 points
Total Points	1,000 points

#### **Course Assignments and Evaluation:**

##### **1. Class participation/Posting (20%: 200 pts):**

You are expected to demonstrate that you have done the readings by contributing appropriately to class discussions. You are expected to contribute to class discussion boards regularly. You will post questions, responses and/or observations regarding the readings on the various social networking tools for the other class participants to read and respond to. These postings serve as the starting point for future seminars. All class participants need to read and respond to the class postings.

##### **2. Research Article Reviews: (20%: 200 pts):**

Find, read and critically review five research articles focused on your area of inquiry.

The objective of this assignment is to familiarize your self with a selection of current issues in technology through various research journals, by critically reading, analyzing and reviewing research.

This will also allow you to start perusing research articles that may relevant to your research project or thesis or assist you with the comprehensive exam. Articles must be primary research articles in printed guides [reviews, indexes, abstracts, journals, etc.] or in database sources [ERIC, the Internet, ProQuest, etc.]. Three must come from scholarly journals; two may be web-based but must also be supported by other sources.

##### **3. Essay on Current Issues in Technology: (10%: 100 Points)**

Clearly identify the import points of conducting research regarding this topic, including a summarizing section on how you may see future impacts and issues regarding this current issue in technology.

##### **4. Research Question/Topic: (10%: 100 points)**

Submit a 3-5 page paper exploring a specific concept, idea, or research based question on an emerging technology.

5. Presence Essays: (30%: 300 points)

Author a series of three two-page essays that critically review current and emerging technologies. Consider the following three perspectives in each paper: Personal, Social, and Professional.

6. Personal Technology Management Plan (10%: 100 pts):

This is the final paper for this course. Write a Personal Technology Management Plan drawing upon at least ten sources detailing how you plan to incorporate current issues of technology into your various presences.