**TELECOMMUNICATIONS IN EDUCATION**

**Education 504
Summer, 2010**

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Edu 504 Telecommunications in Education**

This course will cover a variety of ways to use technology to communicate in education environments. Students will have experience with using Wikis, Blogs, Web Pages, Podcasts, RSS, Social Networking, Chat Rooms, Virtual Worlds, and other Web 2.0 tools.
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**Prerequisites: None**

**Textbook: Online [Telecommunications in Education](http://faculty.usiouxfalls.edu/arpeterson/Telecommunications%20Edu%20504%202010.htm)**

**Instructional Methods:**

Lecture, Discussions, Hands-on Projects

**Class Sites:**

Peterson Home Page - <http://faculty.usiouxfalls.edu/arpeterson/>

THE Journal – [http://www.thejournal.com](http://www.thejournal.com/)

Technology and Learning – [http://www.techlearning.com](http://www.techlearning.com/)

Edutopia – <http://www.edutopia.org/magazine/index.php>

Education World – <http://www.education-world.com/a_curr/archives/tech.shtml>

**Knowledge Base**

Within the model of the teacher as developing professional, this class will fulfill the requirements of specialty knowledge and professional knowledge in the area of integrating technology into school curriculums. The teacher as a cognitive mediator, communicator, researcher, and evaluator will be considered in the content of this course. As *cognitive mediator*, the developing professional will be able to help students become independent learners who construct meaning by combining new information with their own background knowledge. As *communicator*, the developing professional is skilled in modes of communication that will enable effective communication and collaboration with other educators, parents, and families. As *researcher*, the developing professional will be able to improve educational practices within the school setting, using an inquiry approach to serve students more effectively. As *evaluator*, the developing professional will be able to maximize students’ learning by using a full range of formal and informal information-gathering processes in order to respond appropriately to student individual differences.

**Professional Education Requirements**

This class was designed to show alignment with the USF School of Education’s “Teacher as Developing Professional” Curriculum Model and the South Dakota Professional Education Requirements -SDPER24:16:08:36 - K-12 Educational Technology which includes:

1)      Demonstrating knowledge of basic computer technologies and networking concepts, terminology tools and applications;

2)      Developing skills with current productivity and multimedia tools for education; and

3)      Demonstrating competencies with integrating educational technology to support teaching and learning.

**Course Objectives**:

**Cognitive Mediator:**

1. Graduate students will create an online Wiki web page to communicate with faculty, staff, and students they will work with in a school setting.

2. Graduate students will learn how to use Web 2.0 tools to communicate on the Web.

3. Graduate students will be updated on SmartBoard Tools V. 10.6

**Communicator:**

1. Graduate students will develop a web page with information and activities for the classes they teach and for educational leadership issues.

2. Graduate students will use a chat room to discuss current research findings on issues in using technology to communicate.

3. Graduate students will present to the class a 30-minute lesson on current Web 2.0 tools.

**Researcher:**

1. Graduate students will research sites on the Web to identify and select professional sites for their web page.

2.Graduate students will research Web 2.0 tools on the Internet such as Wikis, Podcasts, Blogs, and other tools to communicate on the Web.

3. Graduate students will use the Web to research current topics on telecommunications on the Web and write critiques on their findings.

4. Graduate students will use the Web to research topics on educational leadership issues in technology and complete a scavenger hunt for teachers on these issues.

**Evaluator:**

1. Graduate students will locate and evaluate student sites, teacher sites, professional development sites, and other educational sites on the Internet.

**Accommodations:**

**The University of Sioux Falls is committed to providing reasonable accommodation for students with physical, learning, and/or other types of disabilities. Accommodations for students with disabilities are made only in consultation with the Director of Career & Disability Services. If you believe you have a disability requiring accommodation in this or any academic course, please contact  the Director of Career and Disability Services. They will work with you to secure proper documentation and to help arrange appropriate accommodations with your instructors. The office is on the main floor of Pierce Hall. The phone number is 331-6740..**

**University Policy on Academic Misconduct**:

USF holds firmly to the conviction that personal and intellectual integrity should be fundamental at a Christian university. Full information about USF’s policy on academic misconduct can be found at:

<http://www.usiouxfalls.edu/index.php?option=com_content&task=view&id=1428&Itemid=310>