

COURSE SYLLABUS

COURSE PREFIX, NUMBER, AND TITLE: EDU 539R - Classroom Technology Tablet Integration I

CREDIT HOURS: 1 graduate hour

UNIVERSITY: University of Sioux Falls – Madison Central School District

ACADEMIC TERM: Spring 2009

COURSE MEETING TIME/LOCATION:

Weekly Meetings from 3:30-4:30pm

Elementary Teachers – Meet at Madison Elementary Computer Lab

Middle School Teachers – Meet in RM 115 in the Middle School

High School Teachers – Meet in RM 115 in the Middle School

INSTRUCTOR'S CONTACT INFORMATION:

Robert J. Honomichl

Room 115 Madison Middle School

Phone--256-7700

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COURSE DESCRIPTION: This course will prepare participants for a ubiquitous computing environment including Web2.0 tools, classroom management, NETS Teacher Standards, and use of appropriate software as part of integrating technology and the tablet pc into the classroom. Concepts will be based on ICT 21st Century Maps, South Dakota Technology Standards, ISTE NETS Teacher standards, as well as communication and collaboration tools.

PREREQUISITES: None

ADDITIONAL COURSE INFORMATION

Technology Skills: Microsoft Office Applications, Internet, WebCT, and electronic mail will be used in the course. Participants will use email for communication with faculty. Class assignments will be completed using laptop or tablet computers and shared with participants.

DESCRIPTION OF INSTRUCTIONAL METHODS

This class will be delivered via WebCT and through 15, 1 hour sessions. Participants will receive 15 hours of classroom and instruction as well as discussion and assignments on WebCT to help integrate technology, the tablet PC and 21st Century Skills into the classroom. Usage of the information will be emphasized throughout the course.

REQUIRED TEXTBOOK: No textbook required.

LEARNING OBJECTIVES

This course is designed to enable participants to:

1. Understand Web2.0 and the tools that are available for teachers
2. Use the technology and tools that are in each building throughout the district.
3. Develop lesson plans and strategies for teaching with technology and the tablet pc.
4. Develop a systematic approach to support the 1 to 1 computing in the classroom for teaching, learning, and assessment.
5. Understand classroom management to enhance collaborative and interactive learning.
6. Become more familiar with the 21st Century Classroom and tools
7. Understanding of the South Dakota K-12 Technology standards.

COURSE TOPICS

- The 21st Century Classroom and Learner and its impact on teachers
- Integrating the South Dakota K-12 technology standards in to all content areas.
- Making a web presence using Wikis, Blogs, and FrontPage
- Teacher and student products to enhance collaboration and communication (Podcasting)
- Multimedia Tools (YouTube, TeacherTube, Animoto, PhotoStory)
- What is Web 2.0 and the tools that it offers educators
- Social Networking and Digital Citizenship
- Software that can be used in the classroom
- Using the full power of Infinite Campus

STANDARDS AND OUTCOMES

ISTE - NETS●T Standards

1. Facilitate and Inspire Student Learning and Creativity
2. Design and Develop Digital – Age Learning Experiences and Assessments
3. Model Digital-Age Work and Learning
4. Promote and Model Digital Citizenship and Responsibility
5. Engage in Professional Growth and Leadership

EVALUATION

Participation: This course requires participants to be actively involved in instruction relating to 1 to 1 computing and 21st Century Skills throughout the course and workshop sessions. Students will be expected to participate in class activities and discussions.

Lesson Plans: Lesson plans for integrating technology and 21st Century Skills will be developed and shared.

Reflection and Discussion: Participants will reflect and discuss pedagogy, teaching strategies, and classroom management for effective integration of computing technologies in the teaching and learning process. Participants will reflect on changes in pedagogy based on the results of application of new technologies in the classroom.

DIVERSITY

Students will demonstrate knowledge, skills, and attitudes to assist learning regardless of the learner's developmental level, learning capacity, or cultural background.

EDU 539R GRADUATE NATURE:

For a student to succeed in this course, professional training as a teacher is expected. Participants are required to have a working knowledge of classroom tasks. They also are expected to be knowledgeable of teaching strategies of various content areas. They should also have fundamental computer skills.

SELECTED BIBLIOGRAPHY