

Instructional Technology ED 316
Grace University
Spring 2012

Instructor: Stephanie Burdic

e-mail: saburdic@mpsomaha.org
sburdic@graceu.edu

Time: Monday Evenings - 6:30 – 9:10

Telephone: Millard North High School: (402) 715-1415
Grace University (402) 449-2800
Home: (402) 330-5012

"Today's educators must provide a learning environment that takes students beyond the walls of their classrooms and into a world of endless opportunities. Technology standards promote this classroom transformation by ensuring that digital-age students are empowered to learn, live, and work successfully today and tomorrow." (International Society for Technology in Education.)

Required Equipment: 2 Gig (or more!) Flash Drive or its equivalent.

COURSE DESCRIPTION:

Explores the various instructional technologies to enhance teaching. This course provides an introduction to instructional technology for elementary, middle grades, and secondary educators. Emphasis is placed on instructional software packages for classroom and computer learning centers. The latest in web 2.0 applications will be discussed, including ideas for applying multiple literacies in the classroom situation.

CREDIT HOURS – 3

COURSE OBJECTIVES: The students will:

1. Assess and further develop their information and computer literacy with a sound understanding of technology operations and skills. IST 10
2. Discover, discuss, and practice practical, efficient ways to integrate technology resources and technology-based methods into everyday classroom practice. IST 3 5, 6 10; ISP 3, 7
3. Apply a systematic methodology in selecting and using media in instruction to maximize student learning. IST 4, 5, 10 ISP 7
4. Demonstrate a working knowledge of a representative variety of media equipment and materials, including their operation and effective use in individual and group learning settings. IST 3, 10
5. Understand how technology can be utilized for effective assessment and evaluation strategies.
6. Develop the knowledge of using educational technology with diverse student populations, including exceptional students. IST 5, 6, 10; ISP 6; INQ 4
7. Understand the social, ethical and legal use of technology, information, and software. IST 10, 12; INQ 6
8. Develop an understanding of how technology can enhance personal and professional productivity. IST 4, 10
9. Become aware of the World Wide Web as a repository of the latest information and as an educational resource and learning tool for K-12 educators. IST 10; INQ 1
10. Have a practical, working knowledge of PowerPoint, Select Web 2.0 Applications; IWB Software, i-Movie and Garage Band. IST 10; ISP 3, 7; INQ 5

11. Be able to create effective multimedia presentations capable of being uploaded to the www, work with digital images, create an audio podcast, create an original video, publish to sites on the www, and be conversant in the use of latest web 2.0 technologies. IST 10; ISP 3, 7; INQ 5.

EXAMINATION/EVALUATION

Group Presentation on Issues in Educational Technology	10
IWB Lesson Creation and Presentation	10
Wiki Assignment	10
Educational Technology Blog	15
Audio Podcast (Using Garage Band)	15
Video Production with Narrative or Storyline (Using i-movie)	15
Web 2.0 Tools Projects (2 Projects Required)	15
Word Cloud	3
Attendance	7

The University's attendance policy will be in effect

Instructor reserves the right to modify this syllabus according to time/technology constraints!

Student work submitted in this course must be the student's OWN original work. Collusion and/or plagiarism will not be tolerated. Students must fully document their sources for information using appropriate citation (MLA; APA; Chicago).

Late work is not acceptable. Each project will have a time-table to which students must adhere.

Make certain your projects are within Grace University standards of excellence and propriety.

Any student with a diagnosed learning disability is encouraged to talk to the professor as soon as possible concerning alternate methods for fulfilling course requirements.

COURSE OUTLINE:

Week 1 - January 23, 2012 - Meet at Millard North High School Library

1010 South 144th Street
You are welcome to carpool!

If you need directions – call me! You can always get a map and driving directions from the web.

Instruction:

Course Introduction
Syllabus Distributed and Reviewed
Theoretical Foundations for Educational Technology Presentation
Group Presentations Introduced and Semester Assignments Made

Presentation by Instructor on Web 2.0 Tools *Word Clouds

Activities:

Students set-up accounts on course Wiki and Educational Technology Blog

Assignment:

Students contribute to class wiki; students make initial blog entries and word clouds

Week 2- January 30, 2012- Meet at Millard North High School Library

Power Point Presentation Tips

Think about alternatives. How about a Prezi? How about a Glog?

Audio and Video Broadcast Instruction, Web-Based Instruction, Emerging Technologies.
Introduction to Podcasting with Garage Band

I-Tunes

Student-Created Podcasting

Assignment:

Work on Enhanced Audio Podcasting project using Garage Band

Week 3 – February 6, 2012

No Class – Jared Burkholder Conference on Global Engagement

Week 4 – February 13, 2012 – Meet at Millard North High School Library**Instruction:**

What is Instructional Technology in 2012?

Guest Presentation – Cell Phones in the Classroom! Really?

Activities:

Group Presentation #1 – ASSURE Model for Classroom Presentations
Students Share from Wiki Projects

Assignment:

Contribute to Wiki and Blogs

Work on Enhanced Audio Podcasting project using Garage Band

Week – 5 – February 20, 2012 – Meet at Millard North High School

Instruction:

On-line sources for music appropriate for student use in the classroom
Instructor presents alternative free/inexpensive audio building programs
Using internet resources in the classroom to connect with the world
Web Quests – guided learning through the web
Virtual Field Trips
Google Tips and Tricks

Activities:

Group Presentation #2 – Fair Use and Copyright
Students discuss Wiki and Blog Assignments
Student Presentations on Enhanced Podcasts

Assignment:

Contribute to Wiki and Blogs

Week 6 – February 27, 2012 – Meet at Millard North High School

Instruction:

Presentation on Video Narration or Storyline
i-movie 09 – Use, Tips, and Tricks
Introduction to Animoto

Activities:

Group Presentation #3 – Testing the Validity of Internet Sites
Students Present Audio Podcast Projects
Students discuss Wiki and Blog Assignments

Assignment: Students complete wiki and blog contributions
Students script video projects

Week – 7 – March 5, 2012 – Meet at Millard North High School

Instruction:

Classroom Management Programs – Its Learning, Blackboard, Angel – and others
Don't Forget the Brochure and Poster! Use Publisher!
Web 2.0 and Animation Programs *Ultra Normal (And More!)

Activities:

Group Presentation #4 – Digital Citizenship for Students
Students Produce Video Projects
Students discuss Wiki and Blog Assignments

Assignment:

Contribute to Wiki and Blogs

Week - 8 - March 12, 2012 – No Class Spring Break

Week 9 – March 19, 2012 – Meet at Millard North High School

Instruction:

Guest Speaker – Paul Putz - On-line Grading Systems

Stuff You Should Be Able to Do in the Classroom: ISTE Standards; Nebraska Standards
Distance Learning: Making the Most of New Technologies

Activities:

Students discuss Wiki and Blog Assignments
Students finish and present videos

Assignment:

Contribute to Wiki and Blogs

Week 10 – March 26, 2012– Meet at Millard North High School

Instruction:

Guest Speaker: White Board in the Classroom

IWB Software
Basic Classroom Equipment - What To Expect and What You Might/Might Not Have
Technical mistakes NOT to make in the classroom

Activities:

Group Presentation #5 – Digital Citizenship for Teachers
Students discuss Wiki and Blog Assignments

Assignment:

Contribute to Wiki and Blogs

Week 11 – April 2, 2012 – Meet at Millard North High School

Instruction:

Photo editing! Make your work look its best!
Fireworks and web-based counterparts

Activities:

Group Presentation #6 – Cyberbullying
Students discuss Wiki and Blog Assignments
Students present Web 2.0 Projects

Assignment:

Contribute to wikis and blogs
Work on IWB Lessons

Week 12 – April 9, 2012

Easter Monday – No Class

Week 13 – April 16, 2012 – Meet at Millard North High School

Instruction:

Etiquette and Professionalism in the Digital World
Turn-it-In.com

Activities:

Group Presentation #7 – Academic Honesty
Students discuss Wiki and Blog Assignments
Students present Completed Projects
Students work on IWB Lessons

Assignment:

Contribute to wikis and blogs

Week 14 – April 23 – Meet at Millard North High School

Instruction:

The Future of Technology
I-Pads and Readers in the Classroom

Activities:

Students discuss Wiki and Blog Assignments
Students Present Completed Projects

Week 15 – April 30, 2012

No Class! Instructor in Chicago for International Reading Association Conference

Week 16 – May 7, 2012 – Meet at Millard North High School

Activities:

Final

Students discuss Wiki and Blog Assignments
Students present Completed Projects