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University of Montana Course Syllabi, 2021-2025

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EDU 370.50: Integrating Technology into Education

Bonnie Sue Spence
University of Montana, Missoula, bonnie.spence@umontana.edu

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Instructor: Bonnie Spence, M.A.
Office: 307 Education
 Email: bonnie.spence@mso.umt.edu
Office hours: by appointment

Learning Assistant: Rowan Crabtree
 Email: meryl.crabtree@umconnect.umt.edu

Course Philosophy

Your goal in this course is to try new ideas, push your comfort boundaries, find out what works and what doesn't work for your content area or grade level or teaching style. This course is about exploring what we can do to engage our learners through use of technology and supporting each other with suggestions and feedback to help us all improve.

The dynamic and ever-changing environment of instructional technology must be embraced as a benefit rather than a detriment. Each new variation of instructional technology brings new opportunities and new outcomes. Therefore it is the teacher's responsibility to model an appropriate attitude when faced with change.

Although this is a "technology course," it is based upon the underlying philosophy that instructional technology should be about learning more with the technology than from the technology, and less about learning about specific technologies. The core principles of education remain the foundation of this course even though the content, application, and products may change from semester to semester.

Course Objectives

Students will learn strategies to effectively integrate technology for professional and personal purposes. This class is designed to provide a positive beginning to a lifelong learning process. Upon completion of this course, students will be able to:

1. Demonstrate an understanding of and an ability to use many Google tools, like docs, slides, spreadsheet applications and Google forms. We will learn about Google Classroom. We will explore other digital tools to meet a variety of educational and professional needs.
2. Demonstrate an understanding of and an ability to use email and other social networking tools to communicate electronically with others.
3. Demonstrate good information management habits such as backing up files and organizing files in a logical fashion.
4. Locate and evaluate resources/apps from the Internet and other electronic databases for

use in teaching and learning.
5. Demonstrate an understanding of and an ability to use digital tools, such as cameras, scanners, and recorders, and relevant software to enhance learning.
6. Advocate for the use of technology in ways that transform teaching and learning practices.

Course Expectations

Participate: Though this is an asynchronous class with no live class meetings, you will interact with a small group for several of the units. This requires that you be engaged and complete assignments on time. You will be providing feedback and assistance to each other so that we can all improve our ability to educate through technology.

Respect: Help foster a collegial learning environment by sharing your knowledge and skills, encouraging intellectual honesty, and respectfully listening to the viewpoints of others.

Work: Assignments are to be turned in on the specified due date. Most assignments will be due 1 week from the date assigned unless otherwise noted. New units will be posted on Wednesdays, with work due the following Wednesday by 11 pm. Late assignments will be accepted only with prior approval of the instructor and may be subject to a reduction in grade. *Assignments may be adjusted at the professor's discretion.*

Required materials

There are no textbooks to purchase for this course; however, students will need reliable computer access to the internet and to online applications such as Google Drive, Google Classroom, etc. For technical support, please contact the UMOnline Help Desk at 406-243-4999 or umonline-help@umontana.edu (Monday through Friday, 8 a.m. - 5 p.m. MST).

Academic Integrity

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at *http://life.umt.edu/vpsa/student_conduct.php*.

Disability Statement

If you have a disability for which you are or may be requesting an accommodation, please let me know the first day of class. http://www.umt.edu/dss/

Course Work

All work should be presented in a professional manner & proofread. Assignments may be adjusted at the instructor's discretion. Due dates and guidelines for each assignment will be created and posted in Moodle. No late assignments: see information in **Work** above.

Assignments and Grading:

Forums will be posted and answered through Moodle. They are graded on a 5 point system of completion and quality. Forums include interaction with your group, responses to readings, reflections, etc.

Explorations involve ongoing research, review, skill development and implementation. They are graded similarly to forums but with 5 points awarded to each component of the assignment.

Apps Review is a way to share with your group a tool you have researched, tested, and reviewed. It will be graded as an exploration. Details will be given in the related Unit on Moodle.

The Final Project provides students the opportunity to showcase the skills they have acquired and demonstrate how these skills relate to enhancing the learning process for K-12 students. A rubric for the final project will be provided in Moodle.

Providing Evidence: throughout the course you may be asked to "provide evidence" of your learning. This may be requested in the form of a screenshot, a photo, a written or voice recorded reflection and/or a hyperlink to your work. Be sure to keep all work you do in a portfolio from which you can pull evidence throughout the course. This will assist in producing your final project.

Grading Scale	(conventional rounding used for 0.5 and above to next whole number.)
A	95-100
A-	92-94.4
B+	90-91.4
B	87-89.4
B-	84-86.4
C+	81-83.4
C	78-80.4
C-	76-77.4
D	68-75.4
F	< 68

The *ISTE National Educational Technology Standards (NETS•T) and Performance Indicators for Teachers* will be used as guidelines for the scope and direction of this course.

ITSE National Educational Technology Standards

1. Learner 2. Leader. 3. Citizen. 4. Collaborator. 5. Designer 6. Facilitator 7. Analyst

More information at: http://www.iste.org/standards/nets-for-teachers.aspx

Montana K-12 Technology Content Standards

Expectations for student learning are increasing as digital tools make basic tasks easier. We must help students meet these expectations by understanding that:

- digital technology must be in the hands of all students;
- technological literacy includes more than simple mastery of skills;

- digital citizens must use digital tools safely and responsibly;
- learning environments are no longer constrained by school walls; they are global and personal;
- digital technology skills are acquired, developed, and mastered at an individual pace and;
- access to tools and flexible networks are critical for learner success.

More information at: http://opi.mt.gov/Educators/Teaching-Learning/K-12-Content-Standards-Revision