



## BOISE STATE UNIVERSITY

COLLEGE OF EDUCATION

*Department of Educational Technology*

### EDTECH 541: Integrating Technology Into the Classroom Curriculum

Semester: Fall, 2018  
Credits: 3 Credit Online Course  
EDTECH Website: <http://edtech.boisestate.edu>

#### Instructor Information

Name: Jackie Gerstein, Ed.D.  
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#### Course Description

Examination and practice in technology integration strategies in classroom environments, using various applications, instructional, and productivity software, evaluating tools and resources, and developing integrated instructional activities.

You will examine and explore technology integration strategies within K-12 networked computing environments. Content will include an examination of technology integration techniques using various application tools, instructional software, productivity software, and the Internet. You will also identify relative advantages for choosing technology integration strategies and resources for you to draw upon in developing your own technology integration activities.

#### Course Outcomes

At the end of the course, students will be able to:

1. Demonstrate knowledge of hardware function, installation, selection and maintenance by developing a networking/hardware lesson or conducting a field trip.
2. Locate and evaluate current research on teaching and learning with technology and generate a personal rationale for using technology in education based on findings from research and practice.
3. Define and identify instructional software types and uses.
4. Identify and develop effective classroom activities using telecommunications tools and the Internet and will demonstrate this knowledge through reflective activities and the development of one or more web-based activities.
5. Develop effective classroom activities using advanced features of database management systems and/or advanced spreadsheet software tools and demonstrate knowledge of this through the development of a database or spreadsheet supported lesson.
6. Identify and classify adaptive assistive hardware and software for students and teachers and demonstrate this knowledge through reflective discussion activities.
7. Identify and describe teaching and learning tasks as well as productivity uses for Internet-based tools.
8. Identify and describe teaching and learning tasks with productivity software tools.

9. Identify current issues in all content areas that will impact the selection and use of technology, describe key strategies for integrating technology into those content areas, and identify example software and Web resources required to carry out each integration strategy.

### **Course Location and Login Information**

This is an online course delivered in Moodle (<http://edtech.mrooms.org/>). The Moodle login page explains how to login to Moodle. Contact Moodle Support at [moodlesupport@boisestate.edu](mailto:moodlesupport@boisestate.edu) if you have problems accessing Moodle. If you have forgotten your password, click the link below the login box, "lost password?" and you will be able to reset it.

### **Course Materials and Technical**

Required:

Roblyer, M.D, & Hughes, J.E. (2018). *Integrating Educational Technology into Teaching* (8<sup>th</sup> Ed.). Allyn & Bacon. <http://www.mypearsonstore.com/bookstore/integrating-educational-technology-into-teaching-transforming-9780134746098?xid=PSED>

### **Internet Connectivity**

You need an up-to-date computer with an Internet connection in this course.

### **Technical Skills Recommended for Course Success**

The following skills will increase your chances of having a successful and enjoyable experience in this course.

- Ability to use basic Learning Management System (i.e., Moodle) features and tools – uploading and attaching documents and images, use of an editing toolbar, use of a discussion forum.
- Knowledge and use of Word documents, Powerpoints, PDFs, and video and audio media.
- Ability to begin, format, and maintain both a Blog and a professional/personal website.
- Knowledge and use of spreadsheets and databases (either Microsoft or Google docs).
- Ability to register and learn simple online Web 2.0 tools.
- Ability to embed widgets via html code.

### **Grading Policies**

1. All assignments are to be submitted on or prior to the due date. Late assignments will be accepted during the following week or module with late penalties (see late work policy below). No late work will be accepted after that time.
2. Please understand that I am continually updating and revising my course materials. Therefore, it is not feasible for me to provide advanced copies of assignments. Full assignment details will only become available at the beginning of each new module.
3. All assignments are graded together as a group to maintain a higher level of consistency. Grading begins on the first day after a due date and is completed before the next due date. You may track your progress through Grades in Moodle. All of the assignments are listed in Grades and points will be added as we progress through the semester. Depending on the assignment, this can take up to a week.
4. I will grade your work to the best of my abilities. If you feel you have received an inferior grade, you have the right to challenge this score. Please explain to me IN WRITING why you believe the grade is too low, and I will consider your reasoned argument.

## Assignment Details

Detailed information about assignments and how to complete them will be posted in Moodle as we progress through the term. After opening the course site, click on the links within the Module to view course and assignment information. The course schedule has been set up so that new assignments will be posted on Sundays. Due dates are the following Monday. Please check often to read announcements within the course News Forum since these can be posted at any time. Also, check your BSU BroncoMail (<http://broncomail.u.boisestate.edu/>) at least once per week for course related correspondence. The default email address in Moodle is your BSU email address.

Number	Assignment	Points
	I Am Poem	25
1	Vision-Mission Statement	25
2	Relative Advantage Chart	50
3	Instructional Software Lesson Plan	50
4	Software Support Tool List & Description	50
5	Interactive Presentation	50
6	Spreadsheet and Docs Lesson Plans	30/each
7	Video Integration Project	50
8	Internet Lesson	40
9	Social Networking Learning Activities	50
10	Game-Based Learning	50
11	Content Area Projects 1, 2, 3	75/each
12	Assistive Technology Project	50
13	Resource Page	45
14	Website	40
15	Blog Entries with a Final Reflection	140

## AECT Standards

Course assignments are aligned to the Association for Educational Communications and Technology ([AECT\) Standards, 2012 version](#). Assignments are listed by number (based on the assignments list above) in the following table under the standard they are aligned to.

	Standard 1 Content Knowledge	Standard 2 Content Pedagogy	Standard 3 Learning Environments	Standard 4 Professional Knowledge & Skills	Standard 5 Research
Creating		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12			

Using	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12			13
Assessing/Evaluating	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12				13
Managing					
Ethics					
Diversity of Learners					
Collaborative Practice					
Leadership					
Reflection on Practice		2, 15			
Theoretical Foundations					2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Method					

## Grade Scale

Final letter grades will be based upon the following scale:

Highest	Lowest	Points	Letter
100%	93.00%	930-1000	A
92.99%	90.00%	900-929	A-
89.99%	87.00%	870-899	B+
86.99%	83.00%	830-869	B
82.99%	80.00%	800-829	B-
79.99%	77.00%	770-799	C+
76.99%	73.00%	730-769	C
72.99%	70.00%	700-729	C-
69.00%	67.00%	670-699	D+
66.99%	60.00%	600-669	D
59.00%	0.00%	Under 600	F

(Please note that A+s are not awarded as part of this course. They do not affect your GPA and in the past have caused some students undo stress.)

## Course Schedule

Please note that students are expected to spend 9-12 hours *each* week on *each* EDTECH course during a regular academic session. The workload is approximately doubled during the compressed summer sessions equaling from 18 to 24 hours per week per course.

The instructor reserves the right to make changes to the schedule as needed.

Module	Start Date	Due Date	Major Assignments and Activities: Check Moodle for Details
1	8/20	8/27	I Am Poems
2	8/27	9/3	Vision Statement, Relative Advantage Chart
3	9/3	9/10	Instructional Software Lesson Plan, Software Support Tools
4	9/10	9/17	Presentation Application
5	9/17	9/24	Spreadsheet and Shared Doc Lesson Frameworks
6	9/24	10/1	Video Integration Project
7	10/1	10/8	Web-Based Activities: Internet Lesson Plan
8	10/8	10/15	Web-Based Activities: Social Networking Activities
9	10/15	10/22	Game-Based Learning
10	10/22	10/29	Content Area Assignment 1
11	10/29	11/5	Content Area Assignment 2
12	11/5	11/12	Content Area Assignment 3
13	11/12	11/19	Assistive Technology
14	11/23	12/3	Resource List, Final Blog, Final Website

## Advanced Copies of Assignments

Please understand that I am continually updating and revising my course materials. Therefore, it is not feasible for me to provide advanced copies of assignments. Full assignment details will only become available at the beginning of each new module (Sundays). Assignments are posted at least one week prior to the due date.

## Grading Cycle

All assignments are graded together as a group to maintain a higher level of consistency. Grading begins on the first day after a due date and is completed before the next due date. You may track your progress through Grades in Moodle. All of the assignments are listed in Grades and points will be added as we progress through the semester. Depending on the assignment, this can take up to a week.

## Late Work

*Due Dates:* Please note that all assignment due dates fall on Mondays. Assignments must be submitted by 9 PM Mountain time on scheduled due dates. For time zone information please visit the World Clock Web site: <http://www.timeanddate.com/worldclock/>

*Point Deduction for Late Work:* 5% of the assignment points are deducted for each day an assignment is late. For example, an assignment that is two days late will lose 10% of the assignment points as a late penalty. *Emergency Pass:* If you have a major event such as a death in the family, illness, hospitalization, or you are out of town without Internet, you may turn in one assignment under the emergency pass.

This assignment may be up to one week late and still qualify for full credit. After the one-week extension has passed ten points per day will be deducted until the assignment is no longer worth any credit.

*Your Responsibility with Late Work:* If you will be late for any reason please e-mail me or before the scheduled due date. When the assignment is completed you must send a follow-up email to let the instructor know it is ready to grade. This is how we calculate the number of days for the late work penalty. Failure to notify the instructor could lead to a grade of zero.

*Plan Your Time:* It is a good idea to schedule specific times to work on your assignments each week and keep the appointment with yourself. A three credit graduate course requires about 9 to 12 hours per week of work (twice that during Summer session). It is in your best interest to start early on each assignment to give yourself time to fix technical problems or get help before the due date passes.

## Technical Difficulties

On occasion, you may experience problems accessing Moodle or class files located within Moodle, Internet service connection problems, and/or other computer related problems. Make the instructor aware if a technical problem prevents you from completing coursework. If a problem occurs on our end, such as Moodle or EDTECH2 server failure, then an automatic due date extension is granted.

## Reasonable Accommodations

Students with disabilities needing accommodations to fully participate in this class should contact the Disability Resource Center (DRC). All accommodations must be approved through the DRC prior to being implemented. To learn more about the accommodation process, visit the DRC's website at <http://drc.boisestate.edu/new-drc-students/>.

The Disability Resource Center is located on the first floor of the Lincoln Parking Garage, on the corner of Lincoln Ave. and University Dr. at Boise State University. They are available Monday through Friday 8:00 a.m. to 5:00 p.m. Mountain Time.

Phone: 208.426.1583

Email: [drcinfo@boisestate.edu](mailto:drcinfo@boisestate.edu)

Website: <http://drc.boisestate.edu/>

## Privacy Information

EDTECH courses involves online delivery and for some courses public display of assignments on websites or social media spaces. In the online course, your name, email address, and Moodle profile may be visible to others who have logged into Moodle. You are advised to familiarize

yourself with privacy settings on Moodle or social media sites associated with the course. Privacy settings can sometimes be adjusted to restrict certain types of information. Please contact your instructor if you have questions or concerns.

### **Academic Honesty**

Students are expected to create original work for each assignment. Students must follow the [Boise State Student Code of Conduct](#) as well as observe [U.S. copyright laws](#) in this course.

In the event of academic dishonesty, a complaint is filed with the Boise State Student Conduct Office with supporting documentation. This complaint remains on file and actions may be taken against the student (e.g., loss or credit, grade reduction, expulsion, etc.).

Note: Instructors may append additional course-specific policies as needed.

### **Policy for Incompletes**

Incompletes are not guaranteed. However, when they are given incompletes adhere to [Boise State University guidelines](#) as follows:

Instructors can enter a grade of I—for incomplete—if both of the following conditions are present:

- Your work has been satisfactory up to the last three weeks of the semester.
- Extenuating circumstances make it impossible for you to complete the course before the end of the semester.

In order to receive an incomplete, you and your instructor must agree to a contract stipulating the work you must do and the time in which it must be completed for you to receive a grade in the class. The terms of this contract are viewable on my.BoiseState under Your Student Center To Do List. The contract time varies as set by the instructor but may not exceed one year. If no grade other than incomplete has been assigned one year after the original incomplete, the grade of F will automatically be assigned. The grade of F may not be changed without approval of the University Appeals Committee. You may not remove the incomplete from your transcript by re-enrolling in the class during another semester. A grade of incomplete is excluded from GPA calculations until you receive a final grade in the course.