Instructor
Yu-Chang Hsu, Ph.D.
Office Hours
Tues-Thurs.: 1-3pm or by appointment
Room 328, College of Education
E-mail: hsu@boisestate.edu
Skype: EdtechHSU

Course Description
This course takes you to explore current topics and trends in educational technology research and their applications. You will also review literature and practices to identify emerging trends in the field.

Course Location
This is an online course hosted on the Moodle course management system. The login page is located at:

http://edtech.mrooms.org/login/index.php
Course Objectives
After completing this course the students will be able to:

• Describe the trends of Educational Technology research and practice;
• Develop a multimedia presentation on the research topic of their choices;
• Facilitate, moderate, and participate in virtual discussions on research topics;
• Develop an in-depth literature review in writing format on the research topic of their choices.

Standards
The assignments in this course have been aligned to the Standards for the Accreditation of School Media Specialist and Educational Technology Programs:
## 2 OBJECTIVES & STANDARDS

<table>
<thead>
<tr>
<th>Standard</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard 3: UTILIZATION</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 3.1 Media Utilization  
Media utilization is the systematic use of resources for learning. | Moodle: Online forum discussion  
Use VoiceThread or other preferred multimedia presentation/screencasting tools |
| 3.2 Diffusion of Innovations  
Diffusion of innovations is the process of communicating through planned strategies for the purpose of gaining adoption. | Final Project:  
Develop in-depth literature review on a topic of EDTECH research (potential conference presentations) |
| **Standard 4: Management** | |
| 4.1 Project Management  
Project management involves planning, monitoring, and controlling instructional design and development projects. | Communicate with instructors and peers through e-mail, synchronous virtual meeting, and online forum, regarding the Final Project |
| 4.2 Resource Management  
Resource management involves planning, monitoring, and controlling resource support systems and services. | Check online Q & A Forums for the course in general and assignments |
| 4.3 Delivery System Management  
Delivery system management involves planning, monitoring and controlling ‘the method by which distribution of instructional materials is organized’ . . . [It is] a combination of medium and method of usage that is employed to present instructional information to a learner. | Use VoiceThread for presenting and sharing research topics/areas. |
| **Standard 5: EVALUATION** | |
| 5.1 Problem Analysis  
Problem analysis involves determining the nature and parameters of the problem by using information-gathering and decision-making strategies. | Learning through peer modeling and instructor scaffolding via weekly discussions on research topic analysis, research literature analysis, and critical questions associated to major research topics. |
| 5.3 Formative and Summative Evaluation  
Formative evaluation involves gathering information on adequacy and using this information as a basis for further development. Summative evaluation involves gathering information on adequacy and using this information to make decisions about utilization. | Providing and learning from (formative) peer feedback as part of the research community, to develop oneself as a critical consumer and producer of research. |
Technical Skills for Success

To be successful in this course, students must possess these minimum technical skills:

- Intermediate level of general computer knowledge
- Ability to communicate via email
- Internet navigation and research
- Literature search in BSU’s library database
- Use of online collaboration tools such as Google+ Hangout or Skype
Required Text


These books may be ordered through one of the following options:

2. Option 2: Order online at [www.amazon.com](http://www.amazon.com) or another online book retailer.

Software Requirements/Recommendations for this Course

- Required:
  - Microsoft Office 2007 or 2010
  - Updated Adobe Reader
  - Updated Internet browser
Assignments

Detailed information about assignments will be posted in Moodle. All weekly assignments are listed on your course home page by week. Please check at least twice per week to read announcements since these can be posted at any time. Also, check your BSU email at least twice per week for course related correspondence. The default email address in Moodle is your BSU email address.

For information about the BSU student email system (BroncoMail) please visit:

http://helpdesk.boisestate.edu/students/broncomail/getting_started.shtml

Course grade will be based on the completion and quality of the following:

<table>
<thead>
<tr>
<th>No.</th>
<th>Major Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Week 1: Readings and Discussion on Edtech Organizations and Publications</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Week 2: Readings, Analysis, Discussion on Edtech Research Trends</td>
<td>50</td>
</tr>
<tr>
<td>3</td>
<td>Week 3 - Week 11: Readings, Analysis, and Discussions on Edtech Research Topics</td>
<td>450</td>
</tr>
<tr>
<td></td>
<td>(50*9 = 450)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ONE of the weeks (Week 3 – Week 11): Presentation and Facilitation on the Edtech</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Research Topic of Your Choice</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Week 12: Rationale Paper</td>
<td>50</td>
</tr>
<tr>
<td>6</td>
<td>Week 14: Final Project Draft</td>
<td>100</td>
</tr>
<tr>
<td>7</td>
<td>Week 16: The Final Project</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td><strong>Grand Total Points</strong></td>
<td>1000</td>
</tr>
</tbody>
</table>
You can check your grades in Moodle to track your progress. Grades are updated as assignments are scored throughout the semester. Grades at the end of the course will be determined by the point scale shown in the table below.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>980-1000</td>
</tr>
<tr>
<td>A</td>
<td>940-970</td>
</tr>
<tr>
<td>A-</td>
<td>900-930</td>
</tr>
<tr>
<td>B+</td>
<td>870-890</td>
</tr>
<tr>
<td>B</td>
<td>840-860</td>
</tr>
<tr>
<td>B-</td>
<td>800-830</td>
</tr>
<tr>
<td>C+</td>
<td>770-790</td>
</tr>
<tr>
<td>C</td>
<td>740-760</td>
</tr>
<tr>
<td>C-</td>
<td>700-730</td>
</tr>
<tr>
<td>D+</td>
<td>670-690</td>
</tr>
<tr>
<td>D</td>
<td>640-660</td>
</tr>
<tr>
<td>D-</td>
<td>600-630</td>
</tr>
<tr>
<td>F</td>
<td>590-Below</td>
</tr>
</tbody>
</table>
Academic Honesty

It is expected that students in this class will create original works for each assignment. We will follow the BSU Student Code of Conduct and also observe U.S. copyright laws in this course. In addition to this please adhere to the following guidelines:

- Please do original work for each assignment. Assignments that were created for other classes may not be submitted for credit in EDTECH 602. Each assignment may only be submitted for credit one time by the person who created it. The BSU Student Code of Conduct states: "Academic dishonesty also includes submitting substantial portions of the same academic course work to more than one course for credit without prior permission of the instructor(s)."

- Most text should be original text written by the student who is creating the assignment. The exception to this is the use of small amounts of quoted material that is properly cited. Copying and pasting from other Websites or projects (including the instructor’s examples) is not allowed.

- Please cite the source for materials that are obtained for your projects unless they are created by you. If permission is granted for use of copyrighted materials please post an explaining statement that near those materials.

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

More information about copyright: Several great links to copyright information are available on the BSU Academic Technologies site at: http://itc.boisestate.edu/resource.htm
Late Work

Please be advised that the following late work policy will be enforced in this class:

- Only one assignment may be submitted late. This one late assignment can be no more than one week late or it receives zero points. All other late work receives a zero.
  - This one-time waiver will only be granted ONLY IF you request it before assignment due date.
- Assignment due dates:
  - W1-W11: Reading and discussion participation
    - Thursday midnight AND
    - Sunday midnight (see course site for detailed instruction)
  - Your week:
    - Posting your presentation link
      - Monday midnight
    - Moderation and Facilitation
      - Monday-Sunday
  - W12: Rationale Paper
    - Sunday midnight
  - W14: Final Project Draft
    - Sunday midnight
  - W16: The Final Project
    - Friday midnight (No late submission of the Final Project will be accepted)

Assignments must be submitted by midnight Mountain time on scheduled due dates. For time zone information please visit the World Clock Web site: http://www.timeanddate.com/worldclock/

It is a good idea to schedule specific times to work on your assignments each week and keep the appointment with yourself. Plan to spend 9 - 12 hours per week on this class. The amount of time that is actually needed will depend on entry-level knowledge and skills. 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.
Communication

I typically respond to e-mail twice per day Monday through Friday during the semester. Exceptions to this rule occur when there is a holiday, BSU break, or during other unavoidable situations that sometimes come up (e.g., power failure, out of town conference presentations etc.). If you send an e-mail during the week you should typically have a reply within 24 hours unless it is late Friday or the weekend. I catch up on weekend e-mail on Mondays. If you do not receive a reply to your e-mail within a reasonable period time, please send it again. Sometimes e-mail is captured by SPAM filters, is addressed incorrectly, or just simply does not make it through. Also, check your own e-mail filters that screen out junk mail. It is likely that my e-mail response got filtered into your e-mail junk box.
Note: Always include EDTECH 602 and a short description of message purpose in your subject line. This will help ensure your e-mail get my attention.

Posting of Assignments

All assignments are posted in the Moodle course site and are listed by week.

Assignment Submissions

All assignments should be submitted to the Moodle course site.
Feedback/grades

All projects will be graded within 7 to 10 days after submission due dates. Grades will become available in the Moodle gradebook (i.e., “Grades” under the left Settings tab of the course website) and will reflect a running total grade throughout the semester.

Feedback will be provided for each project and assignment in the discussion board or as comments to graded assignments in the gradebook.

Technical Difficulties

On occasion, you may experience problems with accessing Moodle or class files located within Moodle, with your Internet service, and/or other computer related problems. Do make the instructor aware if a technical problem prevents you from completing coursework.

For technical assistance, please contact the following resources:

BroncoMail - http://helpdesk.boisestate.edu/email/broncomail/
Moodle Assistance - EDTECH Admin moodlesupport@boisestate.edu

Reasonable Accommodations

Any student who feels s/he may need accommodations based on the impact of a disability should contact me privately to discuss your specific needs. You will also need to contact the Disability Resource Center at 208-426-1583 located in the Administration Building, room 114 to meet with a specialist and coordinate reasonable accommodations for any documented disability.

Boise State's FERPA policy

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records.
http://registrar.boisestate.edu/ferpa.shtml

Modification of the Syllabus and Schedule

I reserve the right to modify the syllabus and schedule at any time. Notice of any change will be emailed or posted as an announcement on Moodle course site.
College of Education - The Professional Educator

Boise State University strives to develop knowledgeable educators who integrate complex roles and dispositions in the service of diverse communities of learners. Believing that all children, adolescents, and adults can learn, educators dedicate themselves to supporting that learning. Using effective approaches that promote high levels of student achievement, educators create environments that prepare learners to be citizens who contribute to a complex world. Educators serve learners as reflective practitioners, scholars and artists, problem solvers, and partners.

Department of Educational Technology Mission

The Department of Educational Technology supports the study and practice of facilitating and improving learning of a diverse population by creating, using, managing, and evaluating appropriate technological processes and resources. Believing technology is a tool that enhances and expands the educational environment, we promote the use of current and emergent technologies for teaching and learning in a dynamic global society. Educational technologists are leaders and innovators, serving in institutions of higher education, public or private school settings, federal, state, or local educational agencies, and educational organizations in the private sector.