Wayne State University  
IT 7220 – Multimedia for Instruction (Mobile Learning)  
Winter Term 2013  

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Preferred method of communication: Email  
Office hours: By appointment via Skype or Google Talk  

Date/Time: Online, January 7 – April 22, 2013  

Course Description/ Approach  
This course explores the ways in which mobile devices can be used for learning and factors to  
consider that result in an effective and innovative mobile learning environment. The course is  
designed to give you a broad overview of learning on mobile devices and experience creating  
instructionally sound mobile-based learning, using tools that best fit the design need.  

Learning Outcomes  
After completing this course the student will be able to:  
• Evaluate mobile learning (m-learning) products  
• Explain and critique the pedagogical values of mobile app design  
• Identify current m-learning technologies and trends impacting k-12, higher education,  
  and business  
• Apply research-based guidelines to the design of instructional mobile applications  
• Design and develop effective learning interactions for mobile phones  
• Create an app design proposal, storyboard, and prototype that can be used in authentic  
teaching or working contexts.  

Text  
There are no required texts for this course. All readings and assignments will be available via the  
course’s Google site. That said, many readings will be pulled from the book, Innovations in  
Mobile Educational Technologies and Applications. This book is accessible through the WSU  
library via the perpetual link below:  
Required Resources

In addition to the standard online course requirements, the following resources are required from students for this course:

- Google account (free)
- Speakers and microphone to use for project
- Access to a smart phone or a tablet is highly encouraged

Course Prerequisites

- IT 6110. This is an absolute prerequisite. Co-registration is not acceptable.
- Proficiency in Windows XP/Vista/7 or Mac OS-X environment.

If you are lacking proficiency in Windows or the Web, you must complete web courses on your own time.

Online Course Site: All course instructional and administrative materials will be posted on:
https://sites.google.com/site/WSUIT7220w13/

This includes:

- Course Syllabus
- Reading Assignments
- Instruction via Video and/or PPT slides
- Assignments
- Announcements
- Discussions

Assignments

Assignments require that your work be submitted electronically. In most cases, that means sharing a document with me via Google. You will upload all files to Google Drive. We will learn to do this in class. Depending on the situation, other acceptable file formats are Microsoft Word, Powerpoint, Open Office, or PDF. Documents submitted in other formats will not be graded.
Assignment List
All assignments are due on Sundays at 11:59 p.m., unless otherwise noted.

<table>
<thead>
<tr>
<th>Task</th>
<th>Points</th>
<th>Weeks Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>m-learning Review</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>Plan and Draft of Project</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Current Trend Analysis Paper</td>
<td>20</td>
<td>9</td>
</tr>
<tr>
<td>Final Project &amp; Presentation</td>
<td>25</td>
<td>13 &amp; 14</td>
</tr>
<tr>
<td>Reflective Journal Submissions</td>
<td>10</td>
<td>2, 14</td>
</tr>
<tr>
<td>Discussion Assignments</td>
<td>30</td>
<td>4, 5, 7/8, 9, 10</td>
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</table>

Assignment: Review and Compare m-Learning applications

The purpose of this assignment is for you to develop some familiarity with the various ways in which m-learning is utilized. Develop a basic learning assignment for a specific audience where an existing app could be utilized.

To complete this assignment, search the web for m-learning applications. Use any of the standard search tools.

Using the template provided on the Google site, create a basic piece of instruction that incorporates a mobile application.

Details and further instruction to be posted to Google site.

Current Trend Analysis Paper

Select a topic related to m-learning theory or practice. Attain instructor approval of that topic before you begin your research. Conduct a library search of relevant literature. Write between 1,500-2,500 word paper on the topic exclusive of a title page and reference pages.

This assignment is designed to introduce you to at least one segment of the latest trends and/or application m-learning. Locate and use a minimum of five references, including books, journal articles, and research reports. Do not limit your research information base to only opinion or reports. Scholarly articles are ideal.

What to include:
- What is the specific issue you are addressing? Define the complete scope of the topic.
- What are the major positions being presented in the literature on this topic? If there are alternative viewpoints, describe them. Your goal is to review a portion of the literature on this topic.
• Provide support from the literature. Do not make judgmental statements without providing such support. Your goal is to write a scholarly paper.
• How would you summarize the situations? What are your thoughts, your critique, and your opinions? Your goal is to learn something and make insightful conclusions.
• Submit your research paper with a cover sheet (Use APA guidelines).

Details and further instruction to be posted to Google site.

M-learning Project
Design and develop a piece of instruction and a supporting mobile application for a specific audience.

This assignment will consist of a Plan & Draft of the Project, followed by your Final Project submission and recorded presentation for the class.

Process
1. Decide on the nature and content of your project.
2. Create a plan for getting the work done. Your plan should define the scope of the project, tasks, who is responsible for each task, completion dates, and dependencies (which tasks have to be completed before others can start).
3. Submit the plan for approval by the date shown in the class schedule.
4. Design and develop the instruction introduction and application. Develop prototypes to communicate decisions among the team and the instructor. Storyboards will save time over doing them all on paper.
5. You must prototype and try out your interface and process for getting the project done. Select a couple of typical pages, fully develop them, and try them out with users. Revise your process and design as needed.
6. As you work, upload completed pages to your website.
7. Complete development, following the revised process defined in 5.
8. Pilot test the module. Record your observations and revise as necessary.
9. Turn in the project by the final week of class.
10. Present it to your colleagues in class.

The final presentation is expected to be prepared and rehearsed. You will record a presentation using Powerpoint, Camtasia, Captivate, or the tool of your choice.

Details and further instruction are posted to Google site. Your points will
Reflective Journals

Reflective journals are a significant requirement of each student in the course. The guidelines for each journal assignment are the same. You will thoughtfully answer guiding questions based on readings and assignments. You will create a Google document and name it with your last name, then share it with the instructor only. Instructor responses will follow. Please make sure you are thoughtful in your journal postings. Meaningful breadth and depth of your response is expected. You will be graded on your comprehension and depth of response, NOT by the length. Each journal entry is worth up to 5 points.

Discussion Assignments

Discussion assignments are also very important to the synthesis of class material. You will be placed on a collaboration team with a few peers. You will create a Google document and name it with your team name, then share it with the instructor. You will be required to thoughtfully respond to guiding questions based on readings and assignments. Your initial response must be submitted by Thursday at 11:59pm of each week, and you must follow up with thoughtful discussion by Sunday at 11:50 p.m. For example, Week 2 begins on January 14th. Your initial response for that week would be due Thursday, January 17th by 11:59pm. You will then thoughtfully respond throughout the entire discussion by that Sunday, January 20th at 11:59pm. All responses should include references to current trends and research, not solely opinion, unless otherwise requested. Each week’s discussion is worth up to 5 points.

Notes to consider for all assignments

1. Relevancy to class: provide meaningful examples, connect weekly ideas.
2. Insightful/reflective: provide interesting reflections, exhibit self-awareness, display coherent, informative responses.
3. Design: Create original content; design innovative learning approaches.
4. Completeness: develop thorough comments and detailed reflection, fulfill all requirements of each assignment.
5. Learning Depth/Growth: Openly explore; exhibit increasing breadth and depth throughout course.
6. Diversity: Show openness to unique ideas; stay flexible and take time to recognize importance of others’ perspectives.
Grades (All grades will be posted to Blackboard)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>95-100</td>
</tr>
<tr>
<td>A-</td>
<td>93-94</td>
</tr>
<tr>
<td>B+</td>
<td>91-92</td>
</tr>
<tr>
<td>B</td>
<td>85-90</td>
</tr>
<tr>
<td>B-</td>
<td>82-84</td>
</tr>
<tr>
<td>C+</td>
<td>80-81</td>
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<tr>
<td>C</td>
<td>70-80</td>
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</tbody>
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Assignment Schedule

Access to all related readings will be posted on the Google Site.

<table>
<thead>
<tr>
<th>Week</th>
<th>Week Dates</th>
<th>Topics</th>
<th>Readings</th>
<th>Assignments due by Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/7 – 1/13</td>
<td>Course Overview Introduction to Key 7220 Topics</td>
<td>Week 1 Readings</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1/14 – 1/20</td>
<td>Mobile Technology and Student Learning</td>
<td>Week 2 Readings</td>
<td>Journal Entry 1 Due</td>
</tr>
<tr>
<td>3</td>
<td>1/22 – 1/27</td>
<td>Affordances of Mobile Learning and the Current State of mLearning</td>
<td>Week 3 Readings</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1/28 – 2/3</td>
<td>Critical analysis of mobile learning applications</td>
<td>None</td>
<td>m-learning Review; Discussion 1 Due</td>
</tr>
<tr>
<td>5</td>
<td>2/4 – 2/10</td>
<td>Best Practices for mobile web design</td>
<td>Week 5 Readings</td>
<td>Discussion 2 Due</td>
</tr>
<tr>
<td>6</td>
<td>2/11 – 2/17</td>
<td>Designing mobile learning applications</td>
<td>Week 6 Readings</td>
<td>Plan and Draft of Project</td>
</tr>
<tr>
<td>7</td>
<td>2/18 – 2/24</td>
<td>Mobile learning in K-12</td>
<td>Week 7 Readings</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2/25 – 3/3</td>
<td>Mobile learning for the adult</td>
<td>Week 8 Readings</td>
<td>Discussion 3 &amp; 4 Due</td>
</tr>
</tbody>
</table>
Class participation: Active participation in group and team discussions is critical to achieving a comprehensive understanding of the course materials.

Class Policies: All policies stated in the Graduate Bulletin of Wayne State University will be adhered to.

Attendance: Weekly participation via the web or in person is crucial for a passing grade.

Final Grades: Grades will be based on work completed and submitted by December 5th. No work will be accepted after this date. All grades throughout the term will be posted on Blackboard.

ATTENTION STUDENTS WITH DISABILITIES: If you have a documented disability that requires accommodations, you will need to register with Student Disability Services (SDS) for coordination of your academic accommodations. The Student Disability Services (SDS) office is located at 1600 David Adamany Undergraduate Library in the Student Academic Success Services department. SDS telephone number is 313-577-1851 or 313-577-3365 (TDD only). Once you have your accommodations in place, I will be glad to meet with you privately during

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<tr>
<th></th>
<th>Dates</th>
<th>Topic</th>
<th>Readings</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>3/4 – 3/10</td>
<td>Evaluating mobile designs</td>
<td>None</td>
<td>Discussion 5 Due</td>
</tr>
<tr>
<td></td>
<td>3/11 – 3/17</td>
<td>Spring Break</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>3/18 – 3/24</td>
<td>TBD</td>
<td>Week 10 Readings</td>
<td>Current Trend Analysis Paper due Discussion 6 Due</td>
</tr>
<tr>
<td>12</td>
<td>4/1 – 4/7</td>
<td>TBD</td>
<td>Week 12 Readings</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>4/8 – 4/14</td>
<td>Emerging technologies for mobile learning</td>
<td>None</td>
<td>Final Project Due</td>
</tr>
<tr>
<td>14</td>
<td>4/15 – 4/21</td>
<td>Advancing the m-learning research agenda</td>
<td>Week 14 Readings</td>
<td>Review/Critique Final Presentations Journal 2 Due</td>
</tr>
<tr>
<td>15</td>
<td>4/22 – 4/28</td>
<td>Lessons learned; Best practices</td>
<td>None</td>
<td>Collaborative discussions</td>
</tr>
</tbody>
</table>
my office hours to discuss your special needs. Student Disability Services’ mission is to assist the university in creating an accessible community where students with disabilities have an equal opportunity to fully participate in their educational experience at Wayne State University.

Please be aware that a delay in getting SDS accommodation letters for the current semester may hinder the availability or facilitation of those accommodations in a timely manner. Therefore, it is in your best interest to get your accommodation letters as early in the semester as possible.

**Plagiarism:** Plagiarism includes copying material (any more than 5 consecutive words) from outside texts or presenting outside information as if it were your own by not crediting authors through citations. It can be deliberate or unintended. If you’re in doubt about the use of a source, cite it. Students caught plagiarizing information from other sources will receive a failing grade in the course. University policy states that students can be subject to multiple sanctions, from reprimand to expulsion as a consequence of academic dishonesty. To enforce this policy, all outside references must be submitted with assignments. The University rule is that Faculty must use SafeAssign for ALL Assignments!

**Withdrawal Policy:** Enrollment/Withdrawal Policy
Students must add classes no later than the end of the first week of classes. This includes online classes. Students may continue to drop classes (with full tuition cancellation) through the first two weeks of the term.

Students who withdraw from a course after the end of the 4th week of class will receive a grade of WP, WF, or WN.

- WP will be awarded if the student is failing the course (based on work due to date) at the time the withdrawal is requested.
- WF will be awarded if the student if failing the course (based on work due to date) at the time the withdrawal is requested.
- WN will be awarded if no materials have been submitted, and so there is no basis for a grade. Students must submit their withdrawal request online through Pipeline. The faculty member must approve the withdrawal request before it becomes final, and students should continue to attend class until they receive notification via email that the withdrawal has been approved. The last day to withdraw will be at the end of the 10th full week of classes. The withdrawal date for courses longer or shorter than the full 15-week terms will be adjusted proportionately.

**Religious Observance Policy:** Because of the extraordinary variety of religious affiliations represented in the University student body and staff, the Wayne State University calendar makes no provision for religious holidays. It is University policy, however, to respect the faith and religious obligations of the individual. Students who find that their classes or examinations involve conflicts with their religious observances are expected to notify their instructors well in advance so that alternative arrangements as suitable as possible may be worked out.