




COURSE SCHEDULE¹



HCI / CI 504: Evaluating Digital Learning Environments



~ Spring 2016 (January 11 to May 6) ~




Weeks	What to do before class	Course activities	Deliverables/ Due dates
Week 1: January 11-15 Face-to-face session	Prepare introductions.	Blackboard Learn orientation: http://www.celt.iastate.edu/technology/blackboard/for-students/ Course Introduction <ul style="list-style-type: none">– Class delivery mode– Readings– Projects– Activities/Discussions– Course communications Participant's introductions	Introductions are due on January 12 on Blackboard.
Week 2: January 18-22 Face-to-face session	 Readings: <ul style="list-style-type: none">– Fitzpatrick, Sanders & Worthen (2011). Program Evaluation: chapter 1 (<i>Evaluation's basic purpose, uses, and conceptual distinctions</i>).– Analyze Project 1 Exemplary Projects posted in Blackboard. Study guiding questions: <ol style="list-style-type: none">1. The different purposes of evaluation. Are some purposes more important than others?2. The importance of evaluation. Is there such a thing as flawless evaluation?	Evaluation: the big picture (PART 1) <ul style="list-style-type: none">– Concept and definitions– The purposes of evaluation– Evaluation types and approaches– Roles and activities of Professional Evaluators: American Evaluation Association http://www.eval.org/ Introduction to Project 1 <ul style="list-style-type: none">– Project description– Deliverables & deadlines– Evaluation criteria– Submission– Exemplary cases Practice an evaluative instrument critique.	


¹ This schedule is tentative and subject to revision.

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	3. As an evaluator (on the broad sense of the word) what are your main roles?		
Week 3: January 25-29 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – RE-READ Fitzpatrick, Sanders & Worthen (2011). Program Evaluation: chapter 1 (<i>Evaluation's basic purpose, uses, and conceptual distinctions</i>). – Kirkpatrick, D. (1998). <i>Evaluating Training Programs: The Four Levels</i> (2nd ed). San Francisco: Berrett-Koehler (pages 19-24). – Newby (1992). <i>Training Evaluation Handbook</i>: chapters 1-2. 	Evaluation: the big picture (PART 2) <ul style="list-style-type: none"> – Evaluation: What does it mean? How to define it? – It's all about terminology: Needs Assessment, Monitoring, Outcome Studies, Testing, Measurement, and Assessment Practice an evaluative instrument critique (continued).	Online discussion/activities due on February 1 at 11:59 pm.
Week 4: February 1-5 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – RE-READ Kirkpatrick (1998). <i>Evaluating Training Programs: The Four Levels</i> (2nd ed). San Francisco: Berrett-Koehler (pages 19-24). – Mathison, S. (2008). What Is the Difference between Evaluation and Research and Why Do We Care? In Nick L. Smith, Paul R. Brandon (Eds), <i>Fundamental Issues in Evaluation</i> (pp. 183-197). New York: Guilford Press. 	Evaluation: the big picture (PART 3) <ul style="list-style-type: none"> – Kirkpatrick levels of evaluation – Evaluation <i>versus</i> research. 	Online discussion/activities due on February 8 at 11:59 pm.

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Week 5: February 8-12 Face-to-face session	Complete and submit Project 1. Kick-off Project 2. Analyze Project 2 Exemplary Projects posted in Blackboard.	Project 1 class presentation. Introduction to Project 2 <ul style="list-style-type: none"> – Review project description (deliverables, evaluation criteria, deadlines) – Analyze exemplary projects – Intro to APA style http://www.apastyle.org/ Guidelines for Project 2 teams formation.	Project 1 (Critique Report) is due on February 9 at 11:59 pm. Project 1 (Class Presentation) is due on February 9 at 5:10 pm. Form Project 2 teams by February 12 by noon.
Week 6: February 15-19 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – Rubin, J. & Chisnell, D. (2008). Handbook of Usability Testing: chapter 2 (<i>What is usability testing?</i>). TEXTBOOK – Morrison, G., Ross, S. & Kemp, J. (2011). <i>Designing Effective Instruction</i> (6th ed.): chapter 12 (<i>Using Evaluation to enhance Programs: Conducting Formative and Summative Evaluations</i>). 	Formative and summative evaluation <i>versus</i> usability testing. <ul style="list-style-type: none"> – Differences and similarities between formative and summative evaluation. – The overlapping (if any) between the two readings. 	Online discussion/activities due on February 22 at 11:59 pm.
Week 7: February 22-26 Face-to-face session	 Readings: <ul style="list-style-type: none"> – Fitzpatrick, Sanders & Worthen (2011). Program Evaluation: chapter 11 (<i>Clarifying the evaluation request and responsibilities</i>) and 13 (<i>Identifying and selecting the evaluation questions and criteria</i>). TEXTBOOK 	The evaluation request and responsibilities. The evaluative questions. Consultation with instructor on Project 2: Context Report.	

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	<p>Study guiding questions:</p> <ol style="list-style-type: none"> 1. What are good sources of evaluation questions? 2. What role should the evaluator play in determining what questions will be addressed in the evaluation? What role should the client play? <p>Prepare for consultation with instructor.</p>		
<p>Week 8: February 29-March 4</p> <p>Online session (no class meeting required)</p>	<p>Complete and submit Project 2 Context Report.</p> <p> Readings:</p> <ul style="list-style-type: none"> – Westat, J.F. (Ed.) (2002). <i>User-Friendly Handbook for Mixed Method Evaluations</i>. (Pages 15-42 and 43-62). – Newby (1992). <i>Training Evaluation Handbook</i>: chapter 7 (<i>Interview</i>). 	<p>Steps in doing an evaluation. Data collection Methods.</p> <ul style="list-style-type: none"> – Survey design and development – Interviews as a method to gather data. – Advantages and disadvantages of different methods of data collection depending on the evaluative questions you want to answers. <p>Mid-term course evaluation (instructor collects course feedback from students).</p>	<p>Online discussion/activities due on March 7 at 11:59 pm.</p> <p>Project 2 Context Report is due on March 4 at 11:59 pm (one team member posts report on Blackboard Learn).</p>
<p>Week 9: March 7-11</p> <p>Online session (no class meeting required)</p>	<p> Readings:</p> <ul style="list-style-type: none"> – Seels, B. & Glasgow, Z. (1998). <i>Making Instructional Design Decisions</i> (2nd ed): Chapter 6 (<i>Prototype Development of Multimedia Instruction</i>) – Rubin, J. & Chisnell, D. (2008). <i>Handbook of Usability Testing</i>: chapter 8 (<i>Prepare test materials</i>) and 9 (<i>Conduct the test session</i>). TEXTBOOK 	<p>Users' Try-out. Usability testing (PART 1).</p> <ul style="list-style-type: none"> – Planning the test – Selecting participants – Conducting the test 	<p>Online discussion/activities due on March 21 at 11:59 pm.</p>

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March 14-18 SPRING BREAK			
Week 10: March 21- 25 Face-to-face session	Complete and submit Project 2 Users' Try-Out Plan. Prepare for consultation with instructor.	Work on Project 2: Users' Try-Out Plan. Consultation with instructor on Project 2: Users' Try-Out Plan.	Project 2 Users' Try-Out Plan is due on March 25 at 11:59 pm (one team member posts report on Blackboard Learn).
Week 11: March 28-April 1 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – Rubin, J. & Chisnell, D. (2008). Handbook of Usability Testing: chapter 10 (<i>Debrief the participants and observers</i>) and 11 (<i>Analyzed data and observations</i>). TEXTBOOK – Fitzpatrick, Sanders & Worthen (2011): chapter 16 (<i>Collecting evaluative information: Data sources and methods, analysis and interpretation</i>). TEXTBOOK 	Collecting evaluative information. Usability testing (PART 2). <ul style="list-style-type: none"> – Debriefing – Analyzing data and observations 	Online discussion/activities due on April 4 at 11:59 pm. Users' Try-out Implementation needs to take place anytime between March 25 and April 19, depending on teams' availability.
Week 12: April 4-8 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – Drost, E. A. (2011). Validity and Reliability in Social Science Research. <i>Education Research and Perspectives</i>, 38(1), 105-123. 	Validity and reliability.	Online discussion and activity due on April 11 at 11:59 pm.
Week 13: April 11-15 Online session (no class meeting required)	 Readings: <ul style="list-style-type: none"> – Fitzpatrick, Sanders & Worthen (2011): Chapter 10: <i>A Comparative Analysis of Approaches</i>. TEXTBOOK 	Alternative evaluation approaches.	Online discussion due on April 18 at 11:59 pm.

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	<p>OPTIONAL Fitzpatrick, Sanders & Worthen (2011): Chapter 4-8 (<i>Alternative Views of Evaluation, Expertise and Consumer-Oriented Approaches, Program-Oriented Evaluation Approaches, Decision-Oriented Evaluation Approaches, Participant-Oriented Evaluation Approaches</i>). TEXTBOOK</p>		
<p>Week 14: April 18-22</p> <p>Face-to-face session</p>	<p> Readings:</p> <ul style="list-style-type: none"> – Bhola, H (1990). Politics of evaluation, ethics and standards. In H. Bhola, <i>Evaluating Literacy for Development Projects, Programs and Campaigns</i> (pp.273-279). Paris: Unesco Institute of Education. – Fitzpatrick, Sanders & Worthen (2011): Chapter 3 (<i>Political, Interpersonal, and Ethical Issues in Evaluation</i>). TEXTBOOK <p>Study guiding questions:</p> <ol style="list-style-type: none"> 1. Why is evaluation considered a political activity? 2. What type of political pressures causes the most serious problems in evaluation studies? 3. What are some possible ways to handle the politics of evaluation? 	Politics, ethics and standards of evaluation.	Users' Try-out Implementation needs to be completed by April 19.

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<p>Week 15: April 25-29</p> <p>Face-to-face session</p>	<p>Prepare for Project 2 Class Presentation</p>	<p>Project 2 Class Presentation.</p> <p>Finalize Project 2 Final Report.</p>	<p>Project 2 Class Presentation is due on April 26 (one team member posts presentation materials on Blackboard Learn).</p>
<p>Week 16: May 2-6</p> <p>Online session (no class meeting required)</p>		<p>Course wrap-up.</p>	<p>Project 2 Final Report is due on May 3 at 11:59 pm.</p> <p>Team Members Evaluation is due on May 6 at 11:59 pm.</p> <p>Project 3: Final Reflective Paper is due on May 6 at 11:59 pm.</p>