George Mason University
College of Education and Human Development
Instructional Design and Technology (IDT) Program

EDIT 611 DL1 – Innovations in e-Learning
3 Credits, Fall 2019
Meets Totally Online August 27-December 9, 2019

Faculty
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Prerequisites/Corequisites
None. However, the content of this course assumes a basic knowledge of the principles and best practices of Instructional Design. To be successful in this course, students should have either taken **EDIT 705** (Instructional Design) or have **work experience** that **includes** the **basics** of Instructional Design.

University Catalog Course Description
Explores leading-edge learning technologies and their integration into the e-learning design process. Hands-on activities focus on technology planning, selection, implementation, and evaluation using instructional design best practices.

Course Overview
Students will explore the latest innovations in e-learning technologies and environments as well as the theoretical issues central to e-learning. The course will cover online learning environments including, but not limited to, online learning communities, communication and sharing tools, content creation tools, and communities of practice. Students will research and present various emerging e-learning applications and discuss how new approaches to learning can be integrated into today's education/training environments. Issues of target audience, design, usability, and accessibility will be addressed. Students will design, develop and implement e-learning modules using one or more of the technologies explored during the course.

Course Delivery Method
This course will be delivered online using an asynchronous (not "real time) format via the Blackboard learning management system (Bb LMS) housed in the MyMason portal. There are also two (2) **optional** (but recommended) web conferencing session on **Tuesday, October 8, 7:30-8:30 PM EST** (Open Mic Night #1) and **Tuesday, November 12, 7:30-8:30 PM EST** (Open Mic Night #2) via the Bb COLLABORATE ULTRA tool that is part of the Bb LMS. You will log in to the Bb course site using your Mason email name (everything before "@masonlive.gmu.edu) and email password. The course site will be available on **Sunday, August 25** at **6:00 PM EDT.**

Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.

Technical Requirements
To participate in this course, students will need to satisfy the following technical requirements:
- High-speed Internet access with standard up-to-date browsers. To get a list of Blackboard's supported browsers see:
  https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support#supported-browsers

  To get a list of supported operating systems on different devices see:
  https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support#tested-devices-and-operating-systems

- Students must maintain consistent and reliable access to their GMU email and Blackboard, as these are the official methods of communication for this course.
- Students will need a headset microphone for use with the Blackboard Collaborate web conferencing tool.
- Students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.
- The following software plug-ins for PCs and Macs, respectively, are available for free download:
  - Adobe Acrobat Reader: https://get.adobe.com/reader/
  - Windows Media Player:
    https://support.microsoft.com/en-us/help/14209/get-windows-media-player
  - Apple Quick Time Player: www.apple.com/quicktime/download/

Expectations
- Course Week: Because asynchronous courses do not have a "fixed" meeting day, our week will **start** on **Tuesday**, and **finish** on **Monday.**
- Log-in Frequency: Students must actively check the Bb course site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least **three (3)** times per week.
- Participation: Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.
- Technical Competence: Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services.
- Technical Issues: Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will **not** be accepted based on individual technical issues.

- Workload: Please be aware that this course is **not** self-paced. Students are expected to meet *specific deadlines* and *due dates* listed in the **Class Schedule** section of this syllabus. It is the student's responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.
- Instructor Support: Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.
- Netiquette: The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so that others do not consider them as personal offenses. *Be positive in your approach with others and diplomatic in selecting your words*. Remember that you are not competing with classmates, but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.
- Accommodations: Online learners who require effective accommodations to insure accessibility must be registered with George Mason University Disability Services.

Learner Objectives

This course is designed to enable students to do the following:
- Differentiate among the terms e-learning, distance learning, distance education, distributed learning, blended/hybrid learning, and synchronous vs. asynchronous learning.
- Describe current leading edge programs in e-learning in K-12 settings, postsecondary education, corporate and government training environments.
- Discuss the ways in which teaching and learning across barriers of distance and time are similar to – and different from – face-to-face instruction.
- Demonstrate proficiency in using various commercial and open source interactive media (wikis, blogs, groupware, and interactive content creation and presentation media), instructional delivery management systems and applications.
- Apply effective instructional design for various interactive media, instructional frameworks and applications.
- Experience how each medium for interacting across distance shapes the cognitive, affective and social dimensions of learning and indicate the range of individual responses to these media.
- Describe methods for evaluating the effectiveness of e-learning approaches.
- Communicate how innovations such as Internet2 and mobile applications, as well as advances in multi-user virtual environments, computer-supported collaborative learning, and online communities are shaping the evolution of e-learning.
- Construct e-learning modules

Professional Standards 2012 International Board of Standards for Training, Performance and Instruction (IBSTPI)
(http://www.ibstpi.org/instructional-designer-competencies/)

Upon completion of this course, students will have met the following professional standards:
- Design & Development
    10. Use an instructional design and development process appropriate for a given project
    11. Organize instructional programs and/or products to be designed, developed, and evaluated
    14. Select or modify existing instructional materials
    15. Develop instructional materials
- Evaluation & Implementation
    19. Implement, disseminate & diffuse instructional & non-instructional interventions

Required Texts
- Clark, R.C. & Mayer, R.E. (2016). *e-Learning and the science of instruction* (4th edition). Hoboken: John Wiley & Sons.
- All other reading materials are available on our Blackboard course site.

Course Performance Evaluation
Students are expected to submit all assignments on time in the manner outlined by the instructor.

Assignments
There are **five (5)** assignments/deliverables required for successful completion of this course:
1. **Knowledge Check Assessments - 30 points/10% of final grade**

2. **Virtual Roundtable Discussions and Summaries - 75 points/30% of final grade**

3. **Technology Deep-Dive - 25 Points/20% of final grade**

4. **Create an e-Learning/Training Module Project - 30 Points/30% of final grade**

5. **Qualitative Peer Reviews of e-Learning/Training Module- 30 points/10% of final grade**

    TOTAL POSSIBLE POINTS/GRADE: 190 PTS/100%

Grading
- **General information**: The evaluation of student performance is related to the student's demonstration of the course outcomes. All work is evaluated on its relevance to the specific assignment, comprehensiveness of information presented, specificity of application, clarity of communication, and the analytical skills utilized, as documented in the respective grading rubrics.

- **Grading scale**: Decimal percentage values ≥.5 will be rounded up (e.g., 92.5% will be rounded up to 93%); decimal percentage values <.5 will be rounded down (e.g., 92.4% will be rounded down to 92%).

Letter Grade	Total Points Earned
A	93%-100%
A-	90%-92%
B+	88%-89%
B	83%-87%
B-	80%-82%
C	70%-79%
F	<70%

Professional Dispositions
See https://cehd.gmu.edu/students/polices-procedures/

Core Values Commitment
The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: http://cehd.gmu.edu/values/.

GMU Policies and Resources for Students
Policies
- Students must adhere to the guidelines of the Mason Honor Code (see https://catalog.gmu.edu/policies/honor-code-system/).

- Students must follow the university policy for Responsible Use of Computing (see http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/).

- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.

- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see http://ds.gmu.edu/).

- Students must silence all sound emitting devices during class unless otherwise authorized by the instructor.

Campus Resources
- Support for submission of assignments to Tk20 should be directed to tk20help@gmu.edu or https://cehd.gmu.edu/aero/tk20. Questions or concerns regarding use of Blackboard should be directed to http://coursessupport.gmu.edu/.

- For information on student support resources on campus, see https://ctfe.gmu.edu/teaching/student-support-resources-on-campus

For additional information on the College of Education and Human Development, please visit our website https://cehd.gmu.edu/students/ .