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

EDIT 575 DL1: e-Learning Design Applications 2 Credits, Spring 2021 Meets Totally Online January 25 – March 15, 2021

Faculty

| Name: | Dr. Patty Gilbert McDonald |
|------------------|----------------------------|
| Office Hours: | By Appointment Only |
| Office Location: | Virtual |
| Office Phone: | 781-367-1512 |
| Email Address: | pgilber2@gmu.edu |

Prerequisites/Corequisites

None

University Catalog Course Description

Provides basic knowledge of available applications for creating, delivering, managing and tracking e-learning experiences. Students learn to create instructional products using the latest e-learning design applications.

Course Overview

This course provides an overview of the design capabilities of Adobe Captivate for instructional design practice. The Adobe Captivate Software contains a powerful array of tools and features used within instructional design. EDIT 575 will focus on using basic photo editing software to design various projects in Adobe Captivate. The philosophy of this course is that as an instructional designer, it is important to know the range of capabilities of design tools and to cultivate curiosity and a broad knowledge of software tools in creating an instructional design project.

Through progress on technical assignments and other assignments, you will demonstrate an understanding of basic technical tasks of GIMP (photo editing) and Adobe Captivate. You meet the of course objectives by creating a series of technical assignments and two instructional design projects.

Course Delivery Method

This course will be delivered 100% online using an **asynchronous** format via Blackboard Learning Management system (LMS) housed in the MyMason portal. There are also two (2) **optional** web conferencing session on **Wednesday**, **January 27**, **7:30** – **8:30** PM ET and February 17, 7:30-

8:30 PM ET via the **BLACKBOARD COLLABORATE ULTRA** tool that is part of the Blackboard LMS.

You will log in to the Blackboard (Bb) course site using your Mason email name (everything before @masonlive.gmu.edu) and email password. The course site will be available on **Sunday, January** 24 at 6:00pm.

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 operation systems on different devices see: <u>https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support#tested-devices-and-operating-systems</u>

- 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. [Delete this sentence if not applicable.]
- 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: [Add or delete options, as desire.]
 - Adobe Acrobat Reader: <u>https://get.adobe.com/reader/</u>
 - Windows Media Player: <u>https://support.microsoft.com/en-us/help/14209/get-windows-media-player</u>
 - Apple Quick Time Player: <u>www.apple.com/quicktime/download/</u>

Expectations

• Course Week:

Because asynchronous courses do not have a "fixed" meeting day, our week will start on **Monday** and finish on **Sunday**.

• <u>Log-in Frequency:</u> Students must actively check the course Blackboard site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least **3 times per week**. • <u>Participation:</u>

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.

• <u>Technical Competence:</u>

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.

• <u>Technical Issues:</u>

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.

• <u>Netiquette:</u>

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 as 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 Outcomes or Objectives

After this course, students will be able to:

- Identify best practices in e-learning design
- Select e-learning applications to support instructional strategies for education/training
- Use the main features and functions of the relevant software application for their optimal
- instructional uses

Course Outcomes:

- Identify how and where to obtain images on the web
- Modify images using various tools within GIMP
- Create a Microsoft PowerPoint and import the presentation into Adobe Captivate

- Implement voice narration and script to an Adobe Captivate Project
- Investigate a Web 2.0 tool and describe how it works
- Design an Adobe Captivate Simulation project
- Attach a quiz to an Adobe Captivate project

Professional Standards

This course adheres to the standards for instructional design competency of the International Board International Board of Standards for Training, Performance and Instruction (IBSTPI)

EDIT 575 will use the following competencies:

- Professional Foundations 1: Communicate effectively in written & oral form
- **Professional Foundations 3**: Update and improve knowledge, skills, and attitudes pertaining to the instructional design process and related fields.
- **Planning & Analysis 7**: Identify and describe target population and environmental characteristics.
- **Planning & Analysis 9**: Analyze the characteristics of existing & emerging technologies & their potential use
- **Design & Development 10**: Use an instructional design and development process appropriate for a given project.
- Design & Development 15: Develop instructional materials.
- **Design & Development 16**: Design learning assessment.
- Evaluation & Implementation 17: Evaluate instructional and non-instructional interventions.
- Management 22: Plan and manage instructional design projects.

The complete list of IBSTPI standards is located at (http://ibstpi.org/instructional-design-competencies/).

Required Texts None

Course Performance Evaluation

Assignments and/or Examinations

Students are expected to submit all assignments on time in the manner outlined by the instructor (e.g., Blackboard, email)

Technical Assignments

- Week 1- VoiceThread Course Introduction
- Week 2- Image Cropping/Selection

Captivate Project #1

Using Captivate, import a Microsoft PowerPoint presentation that you created and add voice narration. This Microsoft PowerPoint presentation will be on a topic that you select. When selecting your topic, try to think of a topic that you can build a presentation in your current classroom or work environment.

The project should include the following elements:

- At least 7 slides but no more than 15 slides
- The first slide must be a title slide (with your name) and the second slide must include 2-4 measurable objectives
- Have at least 5 minutes of audio narration but no more than 10 minutes of audio narration
- Include appropriate themes, transitions, and animations
- Integrate the table of contents option
- Contain a narration script to meet ADA requirements
- Using GIMP create or edit 2 images used in the PowerPoint presentation

A small weekly assignment will be given to help you design and develop this project. These assignments include:

- Week 1 Selecting topic for PowerPoint presentation
- Week 2 Submit a draft of the PowerPoint presentation and include 2 edited images
- Week 3 Submit a revised draft to include a narration transcript
- Week 4 Submit Captivate Project I

Captivate Project #2

Using Captivate develop an e-learning tutorial on a Web 2.0 tool. This tutorial will show a user how to use the tool and best practices of using the tool. The tutorial must be at least 8 minutes not more than 12 minutes in length and include a short quiz (2-4 questions).

A small weekly assignment will be given to help you design and develop this project. These assignments include:

- Week 3 Selecting a Web 2.0 tool
- Week 6 Draft of Simulation
- Week 7 Feedback to 3 peers
- Week 8 Submit Captivate Project II

These assignments should be submitted on Blackboard (under the correct weekly folder).

Grading

| Week | Торіс | Points | Due |
|----------------------|---|--------|-----------------------------------|
| Week 1 - 1/25-1/31 | Technical Assignment #1 : Voice Thread Introductions | 5 | Sunday, 1/31 by 11:59pmEST |
| Week 2 - 2/1-2/7 | Technical Assignment #2: Image Cropping/Selection | 5 | Sunday, 2/7 by 11:59pmEST |
| Captivate Project #1 | | | |
| Week | Торіс | Points | Due |
| Week 1 - 1/25-1/31 | Captivate Project #1/Part I: Topic Selection | 5 | Sunday, 1/31 by 11:59pmEST |
| Week 2 - 2/1-2/7 | Captivate Project #1/Part II: Microsoft PowerPoint draft with edited images | 5 | Sunday, 2/7 by 11:59pmEST |
| Week 3 - 2/8 - 2/14 | Captivate Project #1/Part III: Microsoft PowerPoint draft with narration | 5 | Sunday, 2/14 by 11:59pmEST |
| Week 4 - 2/15 - 2/21 | Captivate Project #1: Final Submission | 30 | Sunday, 2/21 by 11:59pmEST |
| Captivate Project #2 | | | |
| Week | Торіс | Points | Due |
| Week 3 - 2/8 - 2/14 | Captivate Project #2/Part I: Web 2.0 Selection | 5 | Sunday, 2/14 by 11:59pmEST |
| Week 6 - 3/1 - 3/7 | Captivate Project #2/Part II: Draft of Simulation | 5 | Sunday, 3/7 by 11:59pm EST |
| Week 7 – 3/8-3/14 | Captivate Project #2/Part III Feedback to Peers | 5 | Wednesday, 3/10 by 11:59pm |
| Week 8 – 3/15 | Captivate Project #2: Final Submission | 30 | Monday, 3/15 by 11:59pmEST |

Grade Scale

| Grade | Total Points |
|-------|---------------|
| A+ | 97-100 Points |
| А | 94-96 Points |
| A- | 92-93 Points |
| B+ | 90-92 Points |
| В | 85-89 Points |
| B- | 80-84 Points |
| С | 70-79 Points |
| F | 0-69 Point |

***Note: A+ are given to those students who exceed (go over and beyond the assignment requirements**

Professional Dispositions

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

Class Schedule

| | Class Schedule | | | | | | |
|--------|-------------------------------|--|--|--|--|--|--|
| Week | Dates | Topic, Learning Objectives and Assignments | | | | | |
| Week 1 | Monday,1/25 – Sunday, 1/31 | Topics: Getting Started Learning Objectives: After completing the activities this week, the student should be able to: | | | | | |
| | | Describe the major course elements of EDIT 575 Create a reply to our Class Introduction (VoiceThread) Select a topic to create a PowerPoint Presentation Lectures to watch – located within the Week #1 folder in Bb | | | | | |
| | | • Replying to a VoiceThread | | | | | |
| | | Assignments Due Sunday, 1/31 by 11:59pm - Submit to the Week #2 folder in Bb | | | | | |
| | | Technical Assignment #1: Voice Thread Introductions Captivate Project #1/Part I PowerPoint Topic Selection | | | | | |
| | | **Optional Live Session #1 is Wednesday, January 27 from 7:30 – 8:30pmEST. | | | | | |
| Week 2 | Monday, $2/1 - 2/7$ | Topics: Introduction to Image Editing | | | | | |
| | Sunday, 2/7 | Learning Objectives: After completing the activities this week, the student should be able to: | | | | | |
| | | Explain where on the web to obtain images Describe how to resize an image Combine two images in GIMP Discuss various selection tools (lasso and magic wand) to select portions of images | | | | | |
| | | Lectures to Watch - located within the Week #2 Folder in Bb | | | | | |
| | | Finding and Resizing Images Gimp Selection Tools Technical Assignment #2 Explanation | | | | | |
| | | Assignments Due Sunday, 2/7 by 11:59pm - Submit to the Week #2 folder in Bb | | | | | |

| | | Technical Assignment #2 - Image Cropping/Selection Captivate Project #1/Part II - Microsoft PowerPoint draft with edited images |
|--------------|--------------------------------|--|
| W 1.2 |) (1) (0 | |
| Week 3 | Monday, 2/8 – Sunday, 2/14 | Topics: Exploring Adobe Captivate and Importing a Microsoft PowerPoint Presentation |
| | | Learning Objectives: After completing the activities this week, the student should be able to: |
| | | Describe how to download Adobe Captivate List the common types of projects that Adobe Captivate can create Explain the process of importing a PowerPoint into Adobe Captivate and adding narration |
| | | Lectures to Watch – located within the week #3 in folder in Bb |
| | | Downloading Adobe Captivate and Exploring the Environment Importing a Microsoft PowerPoint and Adding Normation |
| | | Importing a Microsoft PowerPoint and Adding Narration |
| | | Assignments Due 2/14 by Sunday, 11:59pm - Submit to the Week #3 folder in Bb |
| | | Captivate Project #1/Part III - Microsoft PowerPoint draft with narration Captivest Project #2/Part L. Web 2.0 Substitute |
| Week 4 | Monday, 2/15 – Sunday, 2/21 | Captivate Project #2/Part I - Web 2.0 Selection Topic: Importing a Microsoft PowerPoint into Adobe Captivate (cont.) |
| | | Learning Objectives: After completing the activities this week, the student should be able to: |
| | | Download Adobe Captivate to a computer Import a Microsoft PowerPoint into Adobe Captivate Record audio narration within Adobe Captivate Add a script to ensure ADA requirements |
| | | Lectures to Watch - located within the Week #4 folder in Bb |
| | | • None |
| | | Assignments Due Sunday, 2/21 by 11:59pm - Submit to the Week #4 folder in Bb |
| | | Captivate Project #1 Final Submission |

| | | • Download Adobe Captivate 30 day free trial on 2/17 to enable you to continue with course work for week 4 |
|--------|-------------------------------|---|
| | | **Optional Live Session #2 is Wednesday, February 17 from 7:30 – 8:30pmEST. See "Optional Live Session" within Bb for |
| Week 5 | Monday, 2/22 - | additional information** Topic: Adobe Captivate Software Simulation |
| WEEK 5 | Sunday, 2/28 | Learning Objectives: After completing the activities this week, the student should be able to: |
| | | • Describe the purpose of the Adobe Captivate Software Simulation feature |
| | | Demonstrate how to use Adobe Captivate Software Simulation |
| | | • Investigate and explain more about selected Web 2.0 tool |
| | | Lectures to Watch - located within the Week #5 folder in Bb |
| | | Creating an Adobe Captivate Software Simulation Investigate and explain more about selected Web 2.0 tool |
| | | Assignments Due Sunday, 2/28 by 11:59pm - None |
| | | • Begin to work on draft of Adobe Captivate Project #2 |
| Week 6 | Monday, 3/1 – Sunday, 3/7 | Topic: Adobe Captivate Software Simulation (cont.) |
| | | Learning Objectives: After completing the activities this week, the student should be able to: |
| | | • Compile a draft of Adobe Captivate Project Part II |
| | | Lectures to Watch - located within the Week #6 folder in Bb |
| | | • None |
| | | <mark>Assignments Due Sunday, 3/7 by 11:59pm</mark> - Submit to Week #6 folder in Bb |
| | | • Adobe Captivate Project #2/Part II - Draft of Simulation |
| Week 7 | Monday, 3/8 - Sunday, 3/14 | Topic: Adding an Adobe Captivate Quiz |
| | Sunday, 5/14 | Learning Objectives: After completing the activities this week, the student should be able to: |
| | | Add an Adobe Captivate Quiz |

| | | How to Submit peer feedback | | | |
|--------|-------------|---|--|--|--|
| | | Lectures to Watch – located within the Week #7 folder in Bb | | | |
| | | Creative and Adobe Captivate Quiz | | | |
| | | Assignments Due Wednesday 3/10 by 11:59pm - Submit to Week #7 folder in Bb | | | |
| | | Adobe Captivate Project #2/Part III – Provide Peer Feedback to three peers | | | |
| Week 8 | Monday 3/15 | Topic: Adobe Captivate Project Part II Submission | | | |
| | | Learning Objectives: After completing the activities this week, the student should be able to: | | | |
| | | • Final steps to complete course | | | |
| | | Additional optional resources to extend learning | | | |
| | | Lectures to Watch – located within the Week #8 folder in Bb | | | |
| | | Course Wrap-up/Conclusion | | | |
| | | Assignments Due Monday, 3/15 by 11:59pm - Submit to Week #8 folder in Bb | | | |
| | | Adobe Captivate Project #2 Final Submission | | | |

Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

CAPTIVATE PROJECT #1 GRADING RUBRIC (30 points in total)

| IBSTPI Competency | Criteria | Does Not Meet Standards 0-2 points | Meets Standards 3-4 points | Exceeds Standards 5-6 points |
|---|----------------------------|--|--|--|
| Design & Development: Develop instructional materials. | Photo editing | Presentation does not include two edited images and/or has significant edits that distract from the overall visual message. | Presentation includes two edited images but these images provide some edits that distract from the overall visual message. | Presentation includes two edited images that are appropriate and aid in the overall visual message. |
| Professional Foundations: <i>Communicate</i> <i>effectively in</i> <i>visual, oral, and</i> <i>written form.</i> | Information/ Text | The use of text undermines the overall visual message. | The use of text enhances the overall project but there are 1-2 instances where there should be less text. | Text used in the project enhances and contributes to the overall design. |
| Planning & Analysis: Identify and describe target population and environmental characteristics. | Audio/ Objectives | The audio used is not clear (has significant background noise/hard to hear speaker) and/or the learning objectives are not measurable. | The audio is clear but the speaker lacks engagement and/or some of the learning outcomes are not measurable. | The audio used is very clear, the speaker is engaging, and all learning objectives are measurable. |
| Design & Development: Organize instructional programs and/or products to be designed, developed, and evaluated. | Script | Presentation does not provide a narration script. | Presentation provides a script however the narration does not follow the script. | Presentation provides a script and the narration follows the script. |
| Design & Development: Use an instructional design and development process appropriate for a given project. | Consistency/ Navigation | Slides are not consistent and no table of contents is present. | Slides have minor consistency issues but table of contents is present | Slides are consistent (font-size, style, color, spacing, etc. are the same on all slides). The presentation provides a clear navigation structure using the table of contents. |

CAPTIVATE PROJECT #2 GRADING RUBRIC (30 points in total)

| IBSTPI | Criteria | Does Not Meet | Meets Standards | Exceeds Standards |
|-----------------------------|-----------|----------------------|------------------------|---|
| Competency | CITICITA | Standards | 3-4 points | 5-6 points |
| Competency | | | 5-4 points | 5-0 points |
| | | 0-2 points | | |
| Planning & | Web 2.0 | The simulation does | The simulation | The simulation |
| Analysis: | Tool | not provide a clear | provides a clear | provides a clear |
| Analyze the characteristics | | description of how | description of how to | description of how to use the Web 2.0 tool |
| | | to use the Web 2.0 | use the Web 2.0 tool | |
| of existing and emerging | | tool or best | but does not include | and best practices. |
| technologies and | | practices. | best practices. | |
| their potential | | 1 | 1 | |
| use. | | | | |
| Management: | Length | The simulation is | The simulation is | The simulation is at |
| Plan and | g• | less than 5 minutes. | more than 5 minutes | least 8 minutes but |
| manage | | lebb than 5 minutes. | but less than 8 | less than 12 minutes. |
| instructional | | | minutes or over 12 | |
| design projects | | | | |
| | | | minutes. | |
| Professional | Audio | The audio used is | The audio is clear but | The audio used is |
| Foundations: Communicate | | not clear (has | the speaker lacks | very clear, the speaker |
| effectively in | | significant | engagement. | is engaging. |
| visual, oral, and | | background | | |
| written form. | | noise/hard to hear | | |
| written jorm. | | speaker). | | |
| Design & | Quiz | The simulation does | The simulation | The simulation |
| Development: | _ | not provide a quiz. | provides a short quiz | provides a short quiz |
| Design a | | | (2-4 questions) but no | (2-4 question) with |
| learning | | | question feedback. | question feedback. |
| assessment | | | · · | - |
| Design & | Captivate | Adobe Captivate | Adobe Captivate | Adobe Captivate |
| Development: | | application not | application was | application was |
| Use an | | utilized to create | utilized to create | utilized to create |
| instructional | | simulation project. | simulation project | simulation project |
| design and | | | with 1 enhancement | with 3 enhancements |
| development process | | | added (outside of | added (outside of quiz |
| <i>appropriate for</i> | | | quiz and screen | and screen recording) |
| a given project. | | | recording) to | to presentation (e.g., |
| a given projeci. | | | presentation (e.g., | button, roll-over |
| | | | button, roll-over, | transition). |
| | | | transition). | |

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: <u>http://cehd.gmu.edu/values/</u>.

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 https://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 https://ds.gmu.edu/).
- Students must silence all sound emitting devices during class unless otherwise authorized by the instructor.

Campus Resources

- Questions or concerns regarding use of Blackboard should be directed to <u>https://its.gmu.edu/knowledge-base/blackboard-instructional-technology-support-for-students/</u>.
- For information on student support resources on campus, see <u>https://ctfe.gmu.edu/teaching/student-support-resources-on-campus</u>

Notice of mandatory reporting of sexual assault, interpersonal violence, and stalking:

As a faculty member, I am designated as a "Responsible Employee," and must report all disclosures of sexual assault, interpersonal violence, and stalking to Mason's Title IX Coordinator per University Policy 1202. If you wish to speak with someone confidentially, please contact one of Mason's confidential resources, such as Student Support and Advocacy Center (SSAC) at 703-380-1434 or Counseling and Psychological Services (CAPS) at 703-993-2380. You may also seek assistance from Mason's Title IX Coordinator by calling 703-993-8730, or emailing titleix@gmu.edu.

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