



OLT 510 01W: UTILIZING EFFECTIVE INSTRUCTIONAL TECHNOLOGIES
COURSE SYLLABUS: FALL 2026

INSTRUCTOR INFORMATION

Instructor: Dr. Alan Francis
Office Hours: Virtual
Office Fax: 903-886-5507
University Email Address: Alan.Francis@etamu.edu
Preferred Form of Communication: Email
Communication Response Time: Email – Within 24 hours weekdays

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

This course uses open educational resources (OER). All required readings, textbook, and multimedia for this course, will be available online to you. OER are openly licensed materials in the public domain used for teaching, learning, and research.

OER Textbooks:

Bates, A. W. (2022). *Teaching in a digital age: Guidelines for designing teaching and learning* (3rd ed.). Pressbooks. <https://pressbooks.pub/teachinginadigitalagev3m/>

Ritzhaupt, A. D., & Covello, S. (2017). *ADDIE explained*. Pressbooks. <https://pressbooks.usnh.edu/addieexplained/>

Optional Text: (Strongly Recommended):

American Psychological Association. (2019). *Publication manual of the American Psychological Association* (7th ed.). Washington, DC: Author.

Course Description

This course provides instructional designers and trainers with knowledge and skills for selecting, applying, and evaluating basic instructional techniques and learning principles. Students will demonstrate competencies in presentations utilizing various instructional technologies and techniques.

The syllabus/schedule are subject to change.

Student Learning Outcomes

1. Introduce Web 2.0 and 3.0 Technologies.
2. Describe the impact Web 2.0 and 3.0 Technologies are having on education.
3. Assess effective uses of Web 2.0 and 3.0 Technologies for education.
4. Analyze the best ways to integrate the most influential Web 2.0 Technologies for education.
5. Develop an ability to evaluate the work of others.
6. Explain the necessity to reside at the intersection of education and technology.
7. Describe the paradox of utilizing technology for education.
8. Examine innovative examples of integrating Web 2.0 and 3.0 Technology for education.
9. Identify the purpose of being innovative.
10. Develop a desire to become a life-long learner.

COURSE REQUIREMENTS

Course Expectations and Participation:

Active participation in this web-based course is expected. It is recommended that students log into the course module weekly to stay on track with the assigned reading materials, discussion post, assignment, and project.

Students are expected to take an active learning approach in this course and engage in the content to positively impact the learning experience for everyone.

Complete all discussion posts, assignments, and papers by deadlines.

Incorporate knowledge gained from the text, personal experiences, peers' feedback, and other resources to formulate ideas on your responses.

Course Assessments

This course is made up of a series of module assignments and discussion boards to assist students in achieving the learning outcomes.

Discussion Board (5% each): For each discussion thread topic, students will be required to post an "initial" post and at least two "replies" to their fellow peers' posts. When posting the initial post and replies to peers' posts, think about how the content adds substance or meaning to the discussion topic. For peers' replies, it is strongly discouraged saying simple "yes, I agree" or "I disagree". Students need to explain why they agree or disagree and provide examples, experiences, resources, alternative perspectives, challenging views, etc., to make the dialogue richer.

Assignments (5%): Students will complete written assignments that apply to the student learning outcomes. Assignments are to be in Microsoft Word (.doc or .docx) and in APA (7th ed.) style format.

Final (30%): Students will design, build, and demonstrate a workable software application using a free vibe coding tool. The emphasis is on turning an idea into a functional prototype. Application will be presented in an audiovisual presentation. Specifics for the final will be available in the course.

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GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Weights of the assessments in the calculation of the final letter grade.

Example:

Assignments 35%

Discussions 35%

Final 30%

TOTAL 100%

Course Calendar

Module	Topic	Reading	Discussion/Assignment
Module 1 8/20-8/30	- Fundamental Change in Education "Analysis" - First phase of structured framework used by instructional designers	Teaching in a Digital Age – Read Chapter 1 ADDIE Explained – Read "Analysis"	-Discussion Post 8/27 -Discussion Replies 8/30 -Assignment 8/30
Module 2 8/31-9/06	- Methods of Teaching with an Online Focus "Design" - Second phase of structured framework used by instructional designers	Teaching in a Digital Age – Read Chapter 4 ADDIE Explained – Read "Design"	-Discussion Post 9/03 -Discussion Replies 9/06 -Assignment 9/06 -Project proposal 9/06
Module 3 9/07-9/13	- Building an Effective Learning Environment "Development" - Third phase of structured framework used by instructional designers	Teaching in a Digital Age – Read Chapter 6 ADDIE Explained – Read "Development"	-Discussion Post 9/10 -Discussion Replies 9/13 -Assignment 9/13 -Project requirements 9/13
Module 4 9/14-9/20	- Understanding Technology in Education "Implementation" – Fourth phase of	Teaching in a Digital Age – Read Chapter 7	-Discussion Post 9/17 -Discussion Replies 9/20 -Assignment 9/20 -Project build 9/20

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	structured framework used by instructional designers	ADDIE Explained – Read “Implementation”	
Module 5 9/21-9/27	- Emerging Technologies “Evaluation” – Fifth phase of structured framework used by instructional designers	Teaching in a Digital Age – Read Chapter 9 ADDIE Explained – Read “Evaluation”	-Discussion Post 9/24 -Discussion Replies 9/27 -Assignment 9/27 Project iteration 9/27
Module 6 9/28-10/04	Choosing and Using Media in Education	Teaching in a Digital Age – Read Chapter 10	-Discussion Post 10/01 -Discussion Replies 10/04 -Assignment 10/04
Module 7 10/05-10/11	Modes of Delivery	Teaching in a Digital Age – Read Chapter 11	-Discussion Post 10/08 -Discussion Replies 10/11 -Assignment 10/11
Module 8 10/12-10/16	Final Audiovisual Presentation	Prepare, review, and complete the final presentation featuring your application.	-Final due 10/14

Bates, A. W. (2022). *Teaching in a digital age: Guidelines for designing teaching and learning* (3rd ed.). Pressbooks. <https://pressbooks.pub/teachinginadigitalagev3m/>

Ritzhaupt, A. D., & Covello, S. (2017). *ADDIE explained*. Pressbooks. <https://pressbooks.usnh.edu/addieexplained/>

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

ACCESS AND NAVIGATION

The syllabus/schedule are subject to change.

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

STUDENT RESPONSIBILITIES FOR COURSE

CWID and Password

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Technology-Related Issues

Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU campus open computer lab, etc.

TECHNOLOGY REQUIREMENTS AND SUPPORT

Minimal Technical Skills Needed

Students will need reliable computer and internet access for this course. Students must be able to effectively use myLeo email, myLeo Online D2L, and Microsoft Office.

Learning Management System (LMS) – D2L

The syllabus/schedule are subject to change.

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements:

- View the [Learning Management System Requirements Webpage](#).
- Learn more on the [LMS Browser Support Webpage](#).

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found on the [Brightspace Support Webpage](#).

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement

If you have any questions or are having difficulties with the course material, please contact your instructor. Correspondence will always be through university email (your “myLeo” mail) and announcements in myLeo online (D2L). You will not RECEIVE email through D2L, so be sure to check your ETAMU email for communication. Students are encouraged to check university email daily.

Include the Following in Emails with Instructor:

- Course name and subject in the subject line
- Salutation (Good afternoon, Dr. Jackson)
- Proper email etiquette (no “text” emails – use proper grammar and punctuation)
- Student name and CWID after the body of the email (possibly add to student signature on email)

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

Student Conduct

The syllabus/schedule are subject to change.

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The [Code of Student Conduct](#) is described in detail online in the [Student Guidebook](#).

Students should also consult the [Rules of Netiquette Webpage](#) for more information regarding how to interact with students in an online forum.

ETAMU Attendance

For more information about the attendance policy, please view the [Attendance Webpage](#) and the [Class Attendance Policy](#)

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty University Procedure 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

[Graduate Student Academic Dishonesty University Procedure 13.99.99.R0.10](#)

[Graduate Student Academic Dishonesty Form](#)

Use of Artificial Intelligence

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources

Students with Disabilities-- ADA Statement

The syllabus/schedule are subject to change.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

East Texas A&M University

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@etamu.edu

Website: [Office of Student Disability Services](#)

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and ETAMU Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M Supports Students' Mental Health – Counseling Services

The syllabus/schedule are subject to change.

The Counseling Center at East Texas A&M University, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Mental Health and Well-Being

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



As an Institutional Member of the National Association of Schools of Music, East Texas State A&M University supports the Association's commitment to student health and wellness. The following web address provides links to information for resources related to physical and mental well-being, as well as assists in offering preventative measures that students can take to avoid serious and/or chronic conditions: [Musician Health and Safety - East Texas A&M University](#)

Department and Accrediting Agency Statement:

School of Music Mission Statement:

The School of Music at East Texas A&M University promotes excellence in music through the rigorous study of music history, literature, theory, composition, pedagogy, and the preparation of music performance in applied study and ensembles to meet the highest standards of aesthetic expression.

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