



The University of Texas at Tyler
Course Syllabus
EDCI 5335.460
Current Trends in Educational Technology

Semester: Summer II, 2026

Location: Online

Instructor Information:



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Course Description:

This graduate educational technology course is designed to introduce students to current trends and issues in educational technology. Students will take a constructivist approach to develop a leadership vision for implications of past, current, and future developments in educational technology.

Student Learning Outcomes:

The purpose of this course is to explore the research and latest trends in technology integration and understand how these trends affect curriculum and instructional settings. More specifically and in keeping with the [International Society for Technology in Education \(ISTE\) standards](#) and the [Next Generation Science Standards \(NGSS\)](#), you will better be able to:

- Recognize and describe current and future trends in educational technology (INTASC Principles: 1, 6, 10)
- Identify classic and contemporary theories of learning and their applications in educational technology (INTASC Principles: 1, 6, 10)
- Understand how emerging technologies such as mobile learning, immersive experiences, and augmented and virtual reality support teaching and learning (INTASC Principles: 1,3, 6, 7, 8)
- Identify the challenges to using emerging technologies in schools and strategies to overcome them (INTASC Principles: 1,3, 6, 7, 8)
- Use innovative technologies to facilitate and inspire student learning and creativity (INTASC Principles: 2, 4, 6)

Evaluation and Grading

Your course grade will be based on the following course activities:

Reading Discussions – (3 total) 20%

Engaging in dialogue with other students on current trends and critical issues related to the course topic is an important component of this course. Discussions typically relate to assigned textbook readings or provided through supplemental course resources. It is imperative that you complete the readings on time, so that you can participate in the discussions. Discussions may take place in Canvas, on Social Media, in online conferences, or breakout rooms.

A typical online discussion in Canvas requires 4-5 posts: one initial response to the discussion prompt, followed by 3-4 responses to other students' posts and/or replies. Initial posts are typically due by Thursday each week and replies are due by Sunday (except in the last week of the course).

Assignments: Knowing, Making, and Playing – 40%

Throughout this course, you will learn new trends... new technologies that are used for teaching and learning. You will be required to try out these tools and reflect upon your experiences with them. Specifically, you will have five papers/projects which include:

- Artificial Intelligence Project: AI-supported instructional design, student learning, and ethical use
Digital Escape Room or Game-Based Learning Challenge
Spatial Storytelling Project: Google Tour, StoryMap, virtual field experience, or similar tool
AR, VR, XR, spatial computing, or AI-generated media activity
Disruptive or Emerging Technologies Interview

Students are encouraged to explore and apply emerging technologies through the lens of their own discipline (e.g., music, social studies, STEM), tailoring projects and reflections to fit their content area, grade level, or professional setting.

Journal Reflections: Google Docs-(5 total) 30%

Lesson Quizzes: 10%

There will be quizzes given during the lecture and/or readings in the modules.

Teaching Strategies:

Lecture, model lessons, project-based learning, writing-based assignments, collaboration, reflection, technology portfolio, discussions, textbook readings, and social media applications.

Required Texts:

Assigned Readings

Note: A student from this institution is not under any obligation to purchase or rent a textbook from a university-affiliated bookstore.

Technology Access

You will need a Smart device (iOS or Android) with connection to the Internet.

This is an online course and will require reliable technology.

Hardware:

- Desktop or Laptop computer with Internet access.
 - Note: If your Internet connection is down, it is your responsibility to seek access at a venue such as in the UTT library or a public library to complete and submit your work on time.
- A camera, microphone, and sound.

Software:

- A current operating system (Microsoft or Apple)
- A web browser (e.g., Chrome, Safari, Firefox, etc.).
- Access to Canvas and Patriot Mail
- Microsoft Office (Available at no charge to students at <https://www.uttyler.edu/it/office365/proplus.php>)
- Zoom
- [Adobe Reader](#) or another PDF reader
- Other software as noted in each module

Technical Support:

Technology related problems (e.g., email, Canvas, matters of access etc.) can often be solved by calling the UT Tyler Information Technology Hotline at (903) 565-5555 x2 or by emailing them at itsupport@patriots.uttyler.edu.

In your email be sure to include:

- The title and number of the course
- The Canvas page in question
- A description and message number for any error message that you receive
- What you were doing at the time you got the error message

Course Policies:

1. Class Participation: This course is designed as an online course and you are required to attend! You will have a weekly reading, journal, and/or project assignment due by Sunday at 11:59 PM. The course schedule has been set up so that new assignments will be posted on Mondays. Students should expect to spend a minimum of six hours per module. Due dates are noted in the lesson module.

2. Grading Policy: All assignments are to be submitted on or prior to the due date. **Late work is not accepted** without prior permission from the instructor. Be aware that technical difficulties or lack of Internet access or access to required technologies and software are not accepted as excuses for late work or incomplete work. Please proofread assignments carefully so no spelling, grammatical, and/or punctuation errors exist. Points for spelling, grammatical, and/or punctuation are included in the grading scheme for each assignment.

3. Grades of “I” will be given only when there is a compelling reason (e.g., serious illness). **If you have a question or need help, please email me prior to the due date at jdelello@uttyler.edu.** Please allow up to 48 hours for response to an email.

4. Descriptions of all projects and assignments will be posted on Canvas. Criteria mentioned in these descriptions must be followed in order to receive full credit for your work. All assignments will be turned in through the assignment tab in Canvas.

5. Turnitin may be used to review submitted work for plagiarism, similarity to online sources, journals, AI-generated content, and other student submissions. If plagiarism or misrepresentation of work is found, the assignment may receive a zero and may be referred through the academic integrity process.

6. Use of Artificial Intelligence:

Generative AI tools like ChatGPT can create text, images, and more. Keep in mind: (1) AI cannot complete this course for you; (2) All submitted work must be your own and follow university academic policies; (3) You must get my permission before using AI tools for any assignments. If you use AI-generated content, it must be properly cited.

7. Dispositions - All students in the UT Tyler Teacher Preparation Program must adhere to the professional behaviors outlined in the UT Tyler School of Education Dispositions.

Planned Topical Outline:

Date	Readings	Assignments
Week 1 July 6-10	Topic: Overview of Course; History of Technology: Past and Present Readings as assigned	<ul style="list-style-type: none"> • Log on to Canvas and review syllabus. • Lesson One & Quiz One • Discussion One: Introductions • Reflection One • Project: Interview an Expert

Week 2 July 13-17	Topic: Learning Theory, Innovation Adoption, Video, Social Media, and Creative Communication Readings as assigned	<ul style="list-style-type: none"> • Lesson Two & Quiz Two • TED ED Quiz/Activity • Reflection Two
Week 3 July 20-24	Topic: Gamification, game-based learning, digital escape rooms, and esports Readings as assigned	<ul style="list-style-type: none"> • Lesson Three & Quiz Three • Discussion Two: Gamer • Reflection Three • Project: Digital Escape Room
Week 4 July 27-31	Topic: Immersive technologies, AR, VR, MR, XR, spatial computing, QR codes, and spatial storytelling Readings as assigned	<ul style="list-style-type: none"> • Lesson Four & Quiz Four • Reflection Four • Project: AR/XR Creation • Project: Google Tour/Spatial Storytelling
Week 5 August 3-7	Topic: Artificial intelligence, generative AI, machine learning, connected technologies, and responsible use Readings as assigned	<ul style="list-style-type: none"> • Lesson Five & Quiz Five • Discussion Three: GenAI • Project: Artificial Intelligence • Final Journal Due

Note: Last day to withdraw from this course is July 29th.

UNIVERSITY POLICIES

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

For a full list of university policies including information related to the topics listed below, click [here](#).

- Students Rights and Responsibilities
- Campus Carry
- Tobacco-Free University
- Grade Replacement/Forgiveness and Census Date Policies
- State-Mandated Course Drop Policy
- Disability Services
- Student Absence due to Religious Observance
- Student Absence for University-Sponsored Events and Activities
- Social Security and FERPA Statement
- Emergency Exits and Evacuation
- Student Standards of Academic Conduct

UT Tyler Resources for Students:

- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu, <http://www.uttyler.edu/writingcenter/>
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu, <https://www.uttyler.edu/tutoring/>
- The Mathematics Learning Center, RBN 4021, This is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254) <https://www.uttyler.edu/counseling/>

[University Guidelines, Links and Policies](#)

COLLEGE OF EDUCATION AND PSYCHOLOGY (CEP) VISION AND MISSION

Core Purpose of College of Education and Psychology:

To prepare competent, caring, and qualified professionals in the fields of education, psychology and counseling, to foster discovery and to advance the knowledge base in our respective disciplines

Vision: The CEP will be a global leader in responding to needs in the fields of education, psychology, and counseling, with a focus on the East Texas region, by creating innovative academic and scholarly pathways and partnerships.

Mission: The mission of the CEP is to prepare competent and passionate professionals in the fields of education, psychology, and counseling; to advance knowledge and expertise; and to impact these fields locally, regionally, nationally, and internationally

UT TYLER'S SCHOOL OF EDUCATION STANDARDS FOR EDUCATOR PREPARATION PROGRAMS

[Texas Education Standards](#): The School of Education are committed to teaching and implementing the Texas Educator Standards at the highest level. The School of Education faculty use the Texas Education Standards, along with the Interstate New Teacher Assessment and Support Consortium (InTASC) standards used by educator preparation programs throughout the United States.

The list of [Texas Education Standards](#) can be accessed [here](#).

Access the [Code of Ethics and Standard Practices for Texas Educators](#)