The University of Texas at TYLER

College of Education and Psychology
School of Education

EDUC 5359 – Educational Technology

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Course Description

This introductory graduate educational technology course is for individuals who want a broad practical course in learning how to integrate emerging technologies into elementary and secondary classrooms. Students will take a constructivist approach to understanding educational technology as articulated in the international Educational Technology Standards for Teachers.

This course is designed as an **online course**. Please allow up to 48 hours for response to an email. Office hours are by appointment and will be held virtually.

Student Learning Outcomes

The purpose of this course is to help educators expose students to basic computer programming and new technologies in hopes of inspiring students to pursue careers in science, technology, mathematics, and engineering (STEM) fields within a global economy. More specifically and in keeping with the National Education Technology Standards (NETS), part of the International Society for Technology in Education (ISTE) standards, and the Next Generation Science Standards (NGSS), by the end of the course you will better be able to:

• Leverage technology to take an active role in choosing, achieving and demonstrating competency in your learning goals, informed by the learning sciences. (INTASC Standards: 2, 4, 7, 8, 11)
• Critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for yourself and others (INTASC Standards: 1, 2, 3, 4, 6, 11)
• Use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions. (INTASC Standards: 1, 2, 6, 11)

• Recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and you act and model in ways that are safe, legal and ethical. (INTASC Standards: 2, 3, 6, 9, 10, 11)

• Develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions. (INTASC Standards: 6, 9, 11)

• Communicate clearly and express yourself creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to your goals. (INTASC Standards: 4, 6, 11)

• Use digital tools to broaden your perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally. (INTASC Standards: 1, 2, 3, 4, 5, 6, 9, 10, 11)

Required Text and Related Readings

- There are no required textbooks. There are selected instructor readings provided per module.

Required Materials and Supplies:

- **Green Screen** (This could be any green wall or cloth. Flat or non-shiny is best. However, the green plastic table clothes at a local dollar store would also suffice for this activity). There are also several screens available for student use in the College of Education and Psychology; please make arrangements with the instructor if needed. Paint: Chroma Key Green, or Behr "Green Apple", or "Gamma Sector Green" Cloth: Green Muslin from fabric store (see color below).

Technology Requirements:

Hardware:

Desktop or Laptop computer with Internet access. This may be a Windows or MAC based computer; however, many of the applications will require downloads and tutorials specific to the device. You also need a camera, microphone, and sound.

Note: If your Internet connection is down, <u>it is your responsibility to</u> seek access at a venue such as in the UTT computer lab or a public library to complete and <u>submit your work on time.</u>

Software:

- A current operating system (Microsoft or Apple) • A web browser (e.g., Chrome, Safari, Firefox, etc.). If your browser is not working with a software, try an alternative one (e.g. IE, Firefox).
- Access to Canvas and Patriot Mail
- Microsoft Office (Available at no charge to students at https://www.uttyler.edu/it/office365/proplus.php
- Also, standard plug-ins such as:
- Java
- QuickTime
- Adobe Reader or another PDF reader such as Preview on the Mac
- *Other software as noted in each module*

Course Policies and Guidelines:

Instructional methods for this online course include:
- Lectures, videos, course activities, and projects
- Canvas postings and discussions
- Research and pedagogy regarding best practices in classrooms

Assignment Submission:
For assignments a "page" is defined as:
- 8½" x 11" paper
- Times New Roman or Arial 12-point font
- Double-spaced (unless otherwise directed)
- 1-inch margin on all sides.
- Put page numbers on the top right-hand side.
- Put your name, title of the assignment and date on your paper.
- **Upload written assignments on the Canvas Web site under the assignment tab**

Papers that do not meet these specifications will not be accepted. With respect to format and style, your paper should conform to the 7th edition APA Manual.

Late Work: Assignments and projects are expected to be handed in on time. Assignments are expected to be dropped in the assignment box on Canvas. You may turn in your assignment early. ***Late assignments are not accepted unless prior arrangements have been made with the instructor.*** Assignments for each lesson are due at the closing date of each lesson. Assignment dates are posted in Canvas.

Attendance: The attendance policy recommended by the University is followed in this course. Course objectives and performance outcomes cannot be met unless you participate in class activities. If you are absent for an extended period, you should plan to explore options such as retaking the course or taking an incomplete grade.

Read chapters assigned from the instructor in each module.
You are responsible for this information on tests as well as during class participation.
Criteria for all assignments will be posted online unless otherwise notified by the instructor.

Canvas– You are responsible for enrolling on **Canvas** (http://www.Canvas.uttyler.edu/) prior to the second day and monitoring the course Canvas site regularly for course information. Assignments will be turned in through the assignment tab in Canvas.

Unicheck is a tool that will be used to check a document for plagiarism. The tool provides feedback as to whether the text in a document is a close match with other documents on the Internet, in journal databases, and submitted to Canvas. If a student is caught plagiarizing, a grade of zero will be given as well as a disposition for cheating.

Course Content and Evaluation:

1. **Class Participation (30%)**: In each module, you will have the opportunity to earn points for participating in discussions and answering short assessments. These discussions will be held inside of Canvas. Please do not approach this component as simply a bunch of tasks to be completed each week, but an opportunity to truly collaborate and learn from each other.

2. **Class Projects (60%):** In addition to the participation activities, you will create several projects. These will range in difficulty from simple to more complex and be valued from 10-100 points.

3. **Final Exam (10%)**: A final project will be submitted in lieu of an exam.

4. **Grading** is not based upon a curve.
   A = 90-100% of total points
   B = 80-89% of total points
   C = 70-79% of total points
   D = 60-69% of total points
   F = 59% or below of total points

Weekly Course Modules:

August 22-August 26
Module 1: Introduction to Technology

August 29-September 2
Module 2: How do People Learn: Theory into Practice

September 5-September 9
Module 3: Words and Graphics

September 12- September 16
Module 4: Basic Instructional Tools

September 19- September 23
Module 5: Digital Citizenship

September 26- September 30
Module 6: Using Tools to Collaborate

October 3- October 7
Module 7: Digital Storytelling

October 10- October 14
Module 8: Podcasting

October 17- October 21
Module 9: Technology for Diverse Needs

October 31- November 11
Module 10: Simulations and Serious Games

November 14- November 18
Module 11: Immersive/Mixed Realities

November 28- December 9
Module 12: Green Screen Realities

Note: *September 2- Census date; November 4- Last day to withdraw from courses*
Holidays: September 5- Labor Day; November 21-26 Thanksgiving (no classes)

UNIVERSITY POLICIES

- **Withdrawing from Class** - Students you are allowed to withdraw (Links to an external site.) (drop) from this course through the University's withdraw portal. Texas law prohibits students who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at other 2-year or 4-year Texas public colleges and universities. Make sure to consider the impact withdrawing from this class has on your academic progress as well as the financial implications. We encourage you to consult your advisor(s) and financial aid for additional guidance. CAUTION #1: Withdrawing before census day does not mean you get a full refund. Please see the Tuition and Fee Refund Schedule (Links to an external site.). CAUTION #2: All international students must check with the Office of International Programs (Links to an external site.) before withdrawing. All international students are required to enroll full-time for fall and spring terms.
- **Final Exam Policy**: Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members are required to maintain student final examination papers for a minimum of three months following the examination date.
- **Incomplete Grade Policy**: If a student, because of extenuating circumstances, is unable to complete all the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor; and (c) the student presents these reasons prior to the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.
  The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective

department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F, or to NC if the course was originally taken under the CR/NC grading basis.

- **Grade Appeal Policy:** - UT Tyler's Grade Appeal policy requires the completion of a Grade Appeal form for this action to take place. The grade appeal begins with the instructor of your course. If you do not agree with the decision of the instructor, you may then move your appeal to the department chair/school director for that course. If you are still dissatisfied with the decision of the chair/director, you may move the appeal to the Dean of the College offering that course who has the final decision. Grade appeals must be initiated within sixty (60) days from the date of receiving the final course grade. The Grade Appeal form is found on the Registrar's Form Library. (Links to an external site.)

- **Disability/Accessibility Services**: The University of Texas at Tyler has a continuing commitment to providing reasonable accommodations for students with documented disabilities. Students with disabilities who may need accommodation(s) in order to fully participate in this class are urged to contact the Student Accessibility and Resources Office (SAR) as soon as possible to explore what arrangements need to be made to ensure access. If you have a disability, you are encouraged to visit the SAR Portal (Links to an external site.) (https://hood.accessiblelearning.com/UTTyler/ (Links to an external site.)) and complete the New Student Application. For more information, please visit the SAR website or call 903.566.7079.

- **Military Affiliated Students**: UT Tyler honors the service and sacrifices of our military affiliated students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with me if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make me aware of any complications as far in advance as possible. I am willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. Campus resources for military affiliated students are in the Military and Veterans Success Center (MVSC (Links to an external site.)). The MVSC can be reached at MVSC@uttyler.edu, or via phone at 903.565.5972.

- **Academic Honesty and Academic Misconduct:** The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the Student Conduct and Discipline policy (Links to an external site.) in the Student Manual Of Operating Procedures (Section 8).

- **FERPA** - UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in University Policy 5.2.3 (Links to an external site.). The course instructor will follow all requirements in protecting your confidential information.

- **COVID Guidance**

It is important to take the necessary precautions to ensure a healthy and successful year. UT Tyler continues to urge you to protect yourselves against the flu, COVID and any new threats that may be developing. Be diligent about preventive measures such as washing hands, covering sneezes/coughs, social distancing and vaccinations, which have proven to be successful in slowing the spread of viruses. Encourage those who don't feel well to stay home, and if they show symptoms, ask them to get tested for the flu or COVID. Self-isolation is important to reduce exposure (CDC quarantine/isolation guidelines). Please work with your faculty members to maintain coursework and please consult existing campus resources for support.

- *Recording of Class Sessions:* Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.

- **Absence for Official University Events or Activities**: This course follows the practices related to approved absences as noted by the Student Manual of Operating Procedures (Sec. 1 -501 (Links to an external site.)).
- **Absence for Religious Holidays:** Students who anticipate being absent from class due to a religious holiday are requested to inform the instructor by the second class meeting of the semester.
- **Campus Carry:** We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at http://www.uttyler.edu/about/campus-carry/index.php.

COLLEGE OF EDUCATION AND PSYCHOLOGY (CEP) VISION AND MISSION

Vision: The College of Education and Psychology is nationally recognized and respected for its academic programs and opportunities. It is a center of academic excellence, scholarly inquiry, and public service. The College prepares leaders to meet the critical challenges of the 21st Century through productive contributions to local and global communities and toward individual and cultural equity.

Mission: The mission of the College of Education and Psychology is to provide a positive environment that fosters the acquisition of knowledge and skills. The mission is individually and collectively realized through a community of scholars that contributes to knowledge through

scholarly inquiry; organizes knowledge for application, understanding and communication; and provides leadership and service. We affirm and promote global perspectives that value individual and cultural diversity to enhance learning, service, and scholarship.

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.