

Online EDUK 4340-110**TECHNOLOGY APPLICATION AND INTEGRATION FOR CLASSROOM TEACHERS**

Fall 2017

Texas A&M University - Central Texas
College of Education, WH 322T
1001 Leadership Place, Killeen TX 76549

INSTRUCTOR CONTACT INFORMATION

Instructor: Karen Jackson, Ed.D.

Office: Warrior Hall 322T

Phone: 254.231.4343

Email: k.jackson@tamuct.edu

Please email Dr. Jackson through Canvas messages, texts are also received at the phone number above. As a last resort, please use the k.jackson@tamuct.edu email.

For Departmental Specific Questions, please contact: Mrs. Yvonne Imergoot
yvonne.imergoot@tamuct.edu If I am unavailable and you need to speak with someone about your placement or in an emergency, please call the College of Education office, 254.519.5485.

Office Hours:

Dr. Jackson will be available through virtual office hours on Sunday, Tuesday and Wednesday evenings from 7:00 P.M. – 8:00 PM. Phone messages will be monitored, as well as individual appointment times. Please make an appointment if you need assistance.

About the Instructor: I have a doctorate in Educational Leadership and a Master's in Curriculum and Instruction with a Technology Director Emphasis. I have been an educator since 1993. I have taught elementary and secondary level Math, English Language Arts, Creative Writing, as well as Technology Applications, Graphic Arts, and Digital Multimedia. My teaching experience also includes Special Education and Gifted and Talented coursework. I have taught EDUK 440 and I have also taught an Educational Technology course at Temple College. I have earned my Google Educator and Google Trainer Certifications, as well as serving as a WeVideo Ambassador. Teaching is the most rewarding endeavor anyone can pursue: the only way to truly impact the future. New teachers are learning the skills they will use for the rest of their careers, and I am humbled and blessed to be a part of your journey!

Mode of instruction and course access:

This course consists of 100% online content and uses the [TAMUCT Canvas](#) system. Links will be shared to various online resources from professor to students and students to professor through Canvas messaging and assignments with access by your Canvas username and password. Students will also be required to create a new, free Google gmail account in order to access and share documents and log in to new accounts.

Student-Instructor Interaction:

Dr. Jackson will check and reply to phone and Canvas messages, during Wednesday and Thursday evenings from 8:00 to 9:00 and occasionally on Saturdays. (254-231-4343)
Canvas messages will have priority over email.

UNILERT:

Emergency Warning System for Texas A&M University – Central Texas
UNILERT is an emergency notification service that gives Texas A&M University-Central Texas the ability to communicate health and safety emergency information quickly via email, text message, and social media. All students are automatically enrolled in UNILERT through their myCT email account.

Connect at [Unilert](https://www.tamuct.edu/departments/security/unilert.php) [https://www.tamuct.edu/departments/security/unilert.php] to change where you receive your alerts or to opt out. By staying enrolled in UNILERT, university officials can quickly pass on safety-related information, regardless of your location.

COURSE INFORMATION

Course Overview and Description: EDUC 4340.110

This course is designed to develop the capacity of preservice educators to plan, organize, deliver, and evaluate instruction for diverse learners through the effective use and integration of current technology. The use of technology for ethical and professional communication with colleagues, community and students is also addressed. Prerequisites: Admission to clinical Teaching; successful completion of designated content area Texas Examination of Educator Standards (TExES); concurrent enrollment in EDUK 490 and EDUK 435, or approval of Curriculum & Instruction Program.

Course Objective:

After completing this coursework, the student will be a reflective, professional educator who makes effective educational decisions that support the creation of dynamic learning environments. The student will demonstrate effective practices in a field - based setting and reflect on his/her role as a professional educator as he/she moves forward on the continuum from pre - service to in-service educator-related information, regardless of his/her location.

Student Learning Outcomes:

Students will learn to interpret and address the Texas Essential Knowledge and Skills in a technology format. Students will explore and apply new technology tools to facilitate learning in the classroom using current best practices. Digital citizenship will be explained and explored so that pre-service teachers in the classroom setting will make positive, productive choices and model such behavior for future students in their classrooms.

The pre-service teacher will demonstrate knowledge and application of the following State Educator Standards in Technology Application for Beginning Teachers that are included in the

Pedagogy and Professional Responsibilities EC-12:

Technology Applications Standard I

All teachers use technology-related terms, concepts, data input strategies and ethical practices to make informed decisions about current technologies and their applications.

Technology Applications Standard II

All teachers identify task requirements, apply search strategies and use current technology to efficiently acquire, analyze and evaluate a variety of electronic information.

Technology Applications Standard III

All teachers use task-appropriate tools to synthesize knowledge, create and modify solutions, and evaluate results in a way that supports the work of individuals and groups in problem-solving situations.

Technology Applications Standard IV

All teachers communicate information in different formats and for diverse audiences.

Technology Applications Standard V

All teachers know how to plan, organize, deliver, and evaluate instruction for all students that incorporates the effective use of current technology for teaching and integrating the Technology Applications Texas Essential Knowledge and Skills (TEKS) into the curriculum.¹

Teacher Standards

Standard 1--Instructional Planning and Delivery. Teachers demonstrate their understanding of instructional planning and delivery by providing standards-based, data-driven, differentiated instruction that engages students, makes appropriate use of technology, and makes learning relevant for today's learners.

Standard 2--Knowledge of Students and Student Learning. Teachers work to ensure high levels of learning, social-emotional development, and achievement outcomes for all students, taking into consideration each student's educational and developmental backgrounds and focusing on each student's needs.

Standard 3--Content Knowledge and Expertise. Teachers exhibit a comprehensive understanding of their content, discipline, and related pedagogy as demonstrated through the quality of the design and execution of lessons and their ability to match objectives and activities to relevant state standards.

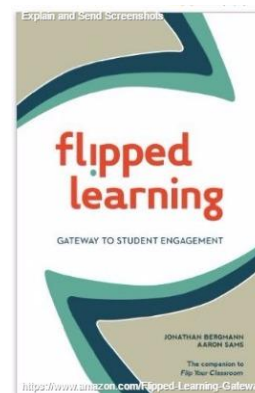
Standard 4--Learning Environment. Teachers interact with students in respectful ways at all times, maintaining a physically and emotionally safe, supportive learning environment that is

characterized by efficient and effective routines, clear expectations for student behavior, and organization that maximizes student learning.

Standard 5--Data-Driven Practice. Teachers use formal and informal methods to assess student growth aligned to instructional goals and course objectives and regularly review and analyze multiple sources of data to measure student progress and adjust instructional strategies and content delivery as needed.

Required Reading and Textbook(s):

Flipped Learning: Gateway to Student Engagement 1st Edition
 by Jonathan Bergmann, Aaron Sams
 ISBN-13: 978-1564843449 ISBN-10: 1564843440



Any additional required course resources will be provided by the professor.

*A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

COURSE REQUIREMENTS

These assignments are multi-step assignments and are intended to be done over several days. Each of these assignments has an explanation sheet and if warranted, a rubric. Assignments will be due 10:30 P.M. on Sunday nights.

Category	Point Value
Excel Assignments	100
Assignments/Discussions/Participation	200
Digital Reflections	200
Artifacts/Products (ePortfolio)	300
Technology Learning Modules	400
Total	1200

For papers to be graded, APA style will be used. Students will use correct grammar and punctuation when turning in assignments. Correspondence will be professional and prompt.

Grading Criteria Rubric and Conversion

Many times the grades will reflect a shared link from software on-line. Each assignment was chosen because it had some value in the educational field and is currently being used in classrooms. The expectation is high-quality products that could be used in a classroom situation. Pre-service teachers will graduate with authentic tools to help students succeed in school.

The text will be used in the Digital Reflections and Discussion. The other text resources will be provided by the instructor.

Posting of Grades

Grades will be posted using Canvas on a weekly basis. Content is arranged into Modules that are grouped according to the type of activity or tool being examined. Some assignments may be completed before the due date, but others require skills that will be developed in earlier modules.

COURSE OUTLINE AND CALENDAR

Date	Module/ Week#	Topic	Product
Aug 28 – Sept 1	1	Excel, Data, Google	Screen shot
Sept 5 – Sept 8	2	Reflection, Padlet, Planning for Technology	Screen Shot
Sept 11 – Sept 15	3	Excel Badging and Gamification	Link
Sept 18 – Sept 22	4	Quizizz, Kahoot, Formative Response, Evaluation	Link
Sept 25 – Sept 29	5	Delivery of Technology	Sample
Oct 2 – Oct 6	6	Flipped Learning	Link
Oct 9 – Oct 13	7	Playposit, EdPuzzle, Actively Learn, Assessing	Sample

Oct 16 – Oct 20	8	Flip Reflection, Module, Video Creation	Reflection
Oct 23 – Oct 27	8	Flip Reflection, Module, Video Creation	Links
Oct 30 – Nov 3	9	YouTube and Education, Social Media role in P.D.	Reflection
Nov 6 – Nov 10	10	Teacher-Centered VS. Student-Centered Technology, Quizlet	Reflection
Nov 13 – Nov17	11	Digital Citizenship, Netsmartz	Sample
Nov 20 – Nov 24		Thanksgiving Week	
Nov 27 – Dec 1	12	Project Presentations, Evaluations Appointments	Links
Dec 4 – Dec 8	13	Project Presentations, Evaluations Appointments	Links
Dec 12	14	Graduation	

INSTRUCTOR POLICIES

Copyright Notice.

Students should assume that all course material is copyrighted by the respective author(s). Reproduction of course material is prohibited without consent by the author and/or course instructor. Violation of copyright is against the law and Texas A&M University-Central Texas' Code of Academic Honesty. All alleged violations will be reported to the Office of Student Conduct.

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TECHNOLOGY REQUIREMENTS AND SUPPORT

Technology Requirements.

To successfully complete this course the student will access the internet resources available to teachers in education today. The coursework includes signing up for online accounts, and frequently sharing information with classmates in a Professional Learning Network using social media. It is suggested that students create a professional Google account to use for storing resources and easy access to online subscriptions. These resources will then be available after the course completion.

On the first day of class, students will create a professional Google account by going to the www.google.com site, and choosing Create an Account. Keep in mind these resources and account may be used for future employer email, choose a username that presents a professional educator. We will use this account for Google Plus and YouTube channel.

This course will use the TAMUCT Online learning management system.

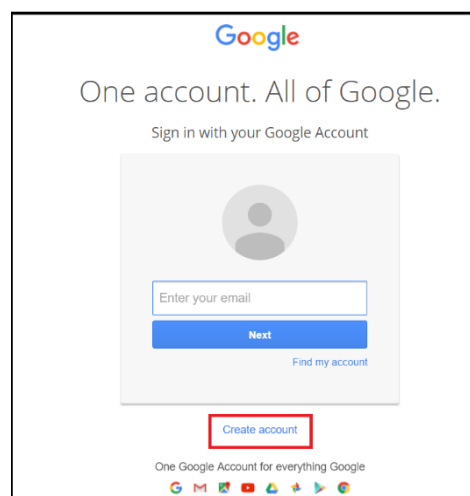
Logon to [TAMUCT Online](https://tamuct.instructure.com) [<https://tamuct.instructure.com>] to access the course.

Username: Your MyCT username

(xx123 or everything before the "@" in your MyCT e-mail address)

Initial password: Your MyCT password

Check browser and computer compatibility by using the "Test Your Browser" button, found in the "My Courses" tab on your Canvas dashboard, once you have logged in.



Technology Support:

For technology issues, students should contact Help Desk Central.

24 hours a day, 7 days a week:

Email: helpdesk@tamu.edu

Phone: (254) 519-5466

[Web Chat](http://hdc.tamu.edu): <http://hdc.tamu.edu>

When calling for support please let your support technician know you are a TAMUCT student.

For issues related to course content and requirements, contact your instructor.

COURSE AND UNIVERSITY PROCEDURES AND POLICIES

Drop Policy.

If you discover that you need to drop this class, you must go to the Registrar's Office and complete a [Drop Request Form](#)

[<http://catalog.tamuct.edu/regISTRATION-RECORDS/drop-withdraw/>]

Professors cannot drop students; this is always the responsibility of the student. The Registrar's Office will provide a deadline on the University Calendar for which the form must be completed, signed and returned. Once you return the signed form to the Registrar's Office, you must go into Warrior Web and confirm that you are no longer enrolled. If you still show as enrolled, FOLLOW-UP with the Registrar's Office immediately. You are to attend class until the procedure is complete to avoid penalty for absence. Should you miss the drop deadline or fail to follow the procedure, you will receive an F in the course, which may affect your financial aid and/or VA educational benefits.

Academic Integrity.

Texas A&M University - Central Texas values the integrity of the academic enterprise and strives for the highest standards of academic conduct. Texas A&M University - Central Texas expects its students, faculty, and staff to support the adherence to high standards of personal and scholarly conduct to preserve the honor and integrity of the creative community. Academic integrity is defined as a commitment to honesty, trust, fairness, respect, and responsibility. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. Academic misconduct is any act that improperly affects a true and honest evaluation of a student's academic performance and includes, but is not limited to, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student's work, collusion, and the abuse of resource materials. All academic misconduct concerns will be reported to the university's Office of Student Conduct. Ignorance of the university's standards and expectations is never an excuse to act with a lack of integrity. When in doubt on collaboration, citation, or any issue, please contact your instructor before taking a course of action.

Access & Inclusion.

At Texas A&M University - Central Texas, we value an inclusive learning environment where every student has an equal chance to succeed and has the right to a barrier free education. The Department of Access and Inclusion is responsible for ensuring that students with a disability receive equal access to the University's programs, services and activities. If you believe you have a disability requiring reasonable accommodations please contact the Department of Access and Inclusion at (254) 501-5831. Any information you provide is private and confidential and will be treated as such.

For more information please visit our Access & Inclusion [webpage](https://www.tamuct.edu/departments/access-inclusion/):
<https://www.tamuct.edu/departments/access-inclusion/>.

Tutoring.

Tutoring is available to all TAMUCT students, both on-campus and online. On-campus subjects tutored include Accounting, Advanced Math, Biology, Finance, Statistics, Mathematics, and Study Skills. Tutors are available at the Tutoring Center in Warrior Hall, Suite 111.

If you have a question regarding tutor schedules, need to schedule a tutoring session, are interested in becoming a tutor, or any other question, contact Academic Support Programs at 254-519-5796, or by emailing Kim Wood at k.wood@tamuct.edu.

Chat live with a tutor 24/7 for almost any subject on your computer! Tutor.com is an online tutoring platform that enables TAMUCT students to log-in and receive FREE online tutoring and writing support. This tool provides tutoring in over forty subject areas. To access Tutor.com, go to the 'My Courses' tab in Canvas.

University Writing Center.

Located in 416 Warrior Hall, the University Writing Center (UWC) at Texas A&M University-Central Texas is a free workspace open to all TAMUCT students from 10am-5pm Monday-Thursday. Students may arrange a one-on-one session with a trained and experienced writing tutor by visiting the UWC during normal operating hours (both half-hour and hour sessions are available). Tutors are prepared to help writers of all levels and abilities at any stage of the writing process.

While tutors will not write, edit, or grade papers, they will assist students in developing more effective composing practices. By providing a practice audience for students' ideas and writing, our tutors highlight the ways in which they read and interpret students' texts, offering guidance and support throughout the various stages of the writing process. In addition, students may work independently in the UWC by checking out a laptop that runs the Microsoft Office suite and connects to WIFI, or by consulting our resources on writing, including all of the relevant style guides. Whether you need help brainstorming ideas, organizing an essay, proofreading, understanding proper citation practices, or just want a quiet place to work, the University Writing Center is here to help!

If you have any questions about the University Writing Center, please do not hesitate to contact Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu.

University Library.

The University Library provides many services in support of research across campus and at a distance. We offer over 200 electronic databases containing approximately 250,000 eBooks and 82,000 journals, in addition to the 72,000 items in our print collection, which can be mailed to students who live more than 50 miles from campus. Research guides for each subject taught at TAMUCT are available through our website to help students navigate these resources. On-campus, the library offers technology including cameras, laptops, microphones, webcams, and digital sound recorders.

Research assistance from a librarian is also available twenty-four hours a day through our online chat service, and at the reference desk when the library is open. Research sessions can be scheduled for more comprehensive assistance, and may take place on Skype or in-person at the library. Assistance may cover many topics, including how to find articles in peer-reviewed journals, how to cite resources, and how to piece together research for written assignments.

Our 27,000-square-foot facility on the TAMUCT main campus includes student lounges, private study rooms, group work spaces, computer labs, family areas suitable for all ages, and many other features. Services such as interlibrary loan, TexShare, binding, and laminating are available. The library frequently offers workshops, tours, readings, and other events. For more information, please visit our [homepage](https://tamuct.libguides.com/): <https://tamuct.libguides.com/>

Resources

"Pedagogy and professional responsibilities standards (ec-grade 12)." 2014. 11 Sep. 2016
<<http://tea.texas.gov/WorkArea/DownloadAsset.aspx?id=2147484798>>

"Teacher Standards - Texas Education Agency." 2014. 11 Sep. 2016
<<http://ritter.tea.state.tx.us/rules/tac/chapter149/ch149aa.html>>

"Technology Standards for Students, Teachers, and Librarians." 2014. 11 Sep. 2016
<http://tea.texas.gov/Curriculum_and_Instructional_Programs/Learning_Support_and_Programs/Technology_Resources/Technology_Standards_for_Students,_Teachers,_and_Librarians/>