



## **ETEC 527 Web 2.0 Technologies**

COURSE SYLLABUS: Spring 2024

### **INSTRUCTOR INFORMATION**

**Instructor:** Chris Bigenho, PhD

**Office Location:** Virtual

**Office Hours:** Virtual by Appointment

**Office Phone:** 214-232-9504

**University Email Address:** bigenhochris@tamuc.edu

**Preferred Form of Communication:** University email or cwbigenho@gmail.com

**Communication Response Time:** 24 hours (Monday – Friday)

### **COURSE INFORMATION**

**NOTICE:** This syllabus may be adjusted as needed to provide the best possible learning opportunity for all students in the class.

#### **Materials – Textbooks, Readings, Supplementary Readings:**

This course investigates the current and emerging technologies available for instructional delivery. Included are components of courses (eg computer-assisted instruction, web quests, etc) as well as methods of delivery in non-face-to-face environments. Emphasis will be on the appropriate selection of technologies for various instructional settings. Prerequisites ETEC 524 or permission from the instructor.

#### **Course Description**

This course investigates the current and emerging technologies available for instructional delivery. Included are components of courses (eg computer-assisted instruction, web quests, etc) as well as methods of delivery in non-face-to-face environments. Emphasis will be on the appropriate selection of technologies for

*The syllabus/schedule are subject to change.*

various instructional settings. Prerequisites ETEC 524 or permission from the instructor.

**Student Learning Outcomes** (Should be measurable; observable; use action verbs)

1. Learners will be able to define and describe web 2.0 and create instruction that incorporates various web 2.0 technologies such as blogs, social media, creativity and/or productivity tools.
2. Learners will identify current and emerging technologies for instructional delivery.
3. Learners will develop and apply criteria for selecting appropriate technologies for various instructional settings.

## **COURSE REQUIREMENTS**

### **Minimal Technical Skills Needed**

### **Instructional Methods**

#### **Instructional / Methods / Activities Assessments**

Each week will have a series of readings, activities and interactions. This course is designed to help you develop the skills necessary to learn new skills, explore new technologies, evaluate social web tools for classroom learning, and develop meaningful lessons using web 2.0 tools. It is important that you reach out to your fellow classmates as your first sources of help. We tend to learn more in groups than we do individually. Please use the discussion boards for posting questions on how to use different tools so I can monitor and assist as needed. You will be exploring many different tools and we need to draw on the expertise of the group.

#### **WEEKLY CHECK-INS AND PARTICIPATION**

Four days per week minimum. A critical aspect contributing to student success in online courses is the facilitation of an active learning community. In order to interact and participate in ongoing and evolving dialogue, post and respond to questions, contribute to the knowledge base, and remain aware of class dynamics, students must login regularly and be active participants in the class. Regardless of current assignments or activities, every student **MUST** login to the course a minimum of four (4) separate days each academic week. These logins should be utilized as an opportunity to check announcements and threads in the various Discussion threads for valuable information and opportunities to contribute. The courseware automatically tracks all student access.

#### **DISCUSSIONS**

Engaging in dialogue with other students to discover critical issues and questions related to the course topic is a critical component of this course. Discussions

*The syllabus/schedule are subject to change.*

typically cover content included in the assigned readings provided through supplemental course resources and experiences with the new technologies you are exploring. A typical discussion requires 4-5 posts: one initial response to the discussion prompt, followed by 3-4 responses to other students' posts and replies. Prompts will be available well in advance of the deadline. Please post early so that others may reply. **LATE POSTS WILL RECEIVE ZERO POINTS!**

## **LEARNING TASKS**

Each week you will be presented with learning tasks that are designed to introduce you to new technologies and ways of working. Each of these tasks will also help you better understand the different types of technologies under study and should inform your work on both the group project and your final project. These are chances for you to play and explore technologies that will likely be new to you as well as ways that these technologies can be layered to create unique learning environments. It is important that you complete all of these learning tasks as we move through the course.

### ***GROUP PROJECT- Technology Evaluation:***

Each group must choose 5 technologies to research and evaluate. These technologies should be ones that could be appropriate for the course final project. Students will evaluate several aspects of the technologies including pedagogical uses, security and privacy considerations, and the pros and cons of each technology. Each group's project must include the following elements:

- Description of each technology evaluated
- Completed evaluation rubric for each technology evaluated
- Brief demonstration of each technology evaluated
- At least one instructional activity that incorporates the technology for each technology evaluated

### ***FINAL PROJECT- Technology Selection and Incorporation Project:***

The purpose of this project is to evaluate, select, and incorporate learning technologies into instruction. For this project, you will select one Web 2.0 technology you would like to incorporate into your teaching. one technology that can be used to deliver course components or individual instructional activities and one technology that can be used to deliver full courses. Your final project must include all of the following elements:

1. Description of the technology you selected
2. Completed evaluation rubric for the technology you selected
3. Brief demonstration of the technology you selected (using Jing, Screencast, or equivalent technology)
4. A brief lesson incorporating the technology you selected.
5. Multimedia presentation. See below for details.

**A. Project Proposal:** The purpose of your proposal is to start to solidify your ideas for your final project. It will also give me an opportunity to make sure you are on the right track before you spend too much time and effort heading down

*The syllabus/schedule are subject to change.*

the wrong path. Your proposal must include the following elements in your project proposal:

- Brief description of the technologies you are planning to select
- Instructional objectives and intended audience for each lesson/class
- An outline of the instructional activities you are planning to use with each of the technologies

**B. Written Project Components:** These components include items 1-4 above.

**C. Multimedia Presentation:** You will use Jing, Camtasia, or similar application, to create a five (5) minute (maximum) multimedia presentation of your project. In this presentation, you must provide a clear description of your project including a description of the technology you selected and your lesson incorporating the technology. Assume you are telling your colleagues about your project. Try to anticipate the questions they would ask and the information that would interest them the most. Use this as a guideline for putting together your presentation. The presentation must contain audio and visual content appropriate to support the message (i.e. Powerpoint, Prezi, etc.).

### **TECHNOLOGY PRESENTATION EVALUATIONS**

Students will complete an evaluation for each Technology presentation in their assigned peer evaluation group. An evaluation form will be utilized for each presentation.

### **OTHER GRADE INFORMATION**

#### ***Timely submission of assignments:***

Assignments MUST be completed and submitted by the designated due dates, in the designated location. Full credit cannot be earned by late or incomplete assignments. Assignments may lose up to 10% of their possible value each day late if submitted after the posted due date/time. (e.g. Assignments can lose all of their value at 10 days past due.) Further, late project submissions may be rejected at the instructor's discretion. When a project incorporates peer review activities requiring that all projects be available at the beginning of the review period, one student will not be permitted to hold up the progress of the entire class and may be taken "out of the loop" if necessary, to ensure the forward progress of the class.

#### **Grade Incompletes**

Grade of "X" (Incomplete) - In accordance with the Academic Procedures stated in the TAMU-C Catalog, "students, who because of circumstances beyond their control, are unable to attend classes during finals week or the preceding three weeks will, upon approval of their instructor, receive a mark of 'X' (incomplete) in all courses in which they were maintaining passing grades." The mark of "X" will only be considered in strict compliance with University Policy upon submission of complete medical or other relevant documentation.

*The syllabus/schedule are subject to change.*

## GRADING

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

20% Discussions

50% Learning Tasks

30% Final Project (This is assigned during week 2 and is completed throughout the remainder of the term with presentations and final peer review in final week)

## Assessments

### **ETEC ePORTFOLIO for MS/MEd in Educational Technology**

Students pursuing the MS/MEd degree in Educational Technology Leadership (ETLD) program are now required to submit an electronic portfolio prior to graduation. Students pursuing the MS/MEd degree in Educational Technology Library Science (ETLS) are strongly encouraged to develop an eportfolio of their work throughout the program as it will benefit the student in obtaining a position in Library or Media Services, and it may become a program requirement in the near future. This requirement does not pertain to students taking ETEC courses as an elective for other programs, including those pursuing only the School Library Certification who have already earned a masters degree.

Many courses in the ETEC program have identified artifact(s) that should be included in the eportfolio to provide evidence of acquired and developing knowledge, skills, and philosophical approaches. In courses where recommended artifacts are not identified, it is the student's responsibility to collect artifacts throughout the course and appropriately select which artifacts to include in the eportfolio. This includes courses from other departments and/or institutions for which the student is receiving credit towards the ETEC masters degree. For example, if a student takes courses in ELED, EDAD, MGMT, or TDEV and applies credits earned toward their ETEC masters degree, the student should include artifacts from those courses in their ETEC eportfolio.

For **ETEC 527**, the required artifacts are:

- Technology Selection and Incorporation Project
- Technology Evaluation Group Project

Newly admitted majors in the program should contact Dr. Mary Jo Dondlinger, coordinator of the ETEC program, for more information on how to get started with the ETEC ePortfolio. If you plan to major in the program, but have not yet applied, you are strongly encouraged to do so as soon as possible. Please contact [MaryJo.Dondlinger@tamuc.edu](mailto:MaryJo.Dondlinger@tamuc.edu) for more information about the program's portfolio requirement.

*The syllabus/schedule are subject to change.*

## Student Responsibilities or Tips for Success in the Course

### *Timeliness*

Because a 7-week term goes by quickly--assignments must be submitted by the designated due dates. Full credit cannot be earned by late or incomplete assignments. Assignments may lose up to 10% of their possible value each day late if submitted after the posted due date/time. (e.g. Assignments can lose all of their value at 10 days past due.) When a project incorporates peer review, it is imperative that all projects be available at the beginning of the review period and that reviews are completed by the end of the review period so that others may incorporate feedback into project revisions. Late work that requires peer review may lose all review points if review period has passed. When you are late with peer review work, you inconvenience your peers.

Neglecting to provide meaningful feedback to peers and/or failing to make an assignment available for peer review will **each** result in 10% reduction in value (20% for both). You will have plenty of notification and time to complete course assignments. If you know you are going to be out of town, involved in a special event/project, or unable to access a computer, please plan ahead. Also ensure that you have a backup plan ready in the event you might lose power, Internet access, or your available technology.

### *Time Commitment*

In a graduate level course, it is a reasonable and accepted expectation that a student will spend between three and four hours outside of class for each hour spent in a class that lasts 15 weeks. This applies to online and web-enhanced courses just as it does to a traditional course. The activities in this course are based on a 5-week instruction schedule, which cuts the number of weeks to only one third, thereby tripling the weekly time expectation. An understanding of this expectation can help serve as a gauge of how much time you will need to allow for and devote to each course. The average time commitment range calculation for a three Semester Credit Hour (3 SCH) course, such as this one, is show in the following table:

<b>Average expected time spent on class or class related work.</b>	<b>Minimum expected average time based on 3:1 time ratio.</b>	<b>Maximum expected average time based on 4:1 time ratio.</b>
"In" class per class week	5 hours	5 hours
"Outside" class per class week	15 hours	20 hours
<b>TOTAL Weekly Expectation</b>	<b>20 hours</b>	<b>25 hours</b>
<b>TOTAL Term Expectation</b>	<b>140 hours</b>	<b>175 hours</b>

*The syllabus/schedule are subject to change.*

## 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

Grades will be weighted as follows

20% Discussions

50% Learning Tasks

30% Final Project (This is assigned during week 2 and is completed throughout the remainder of the term with presentations and final peer review in final week)

Grade Calculation:

Final Grade = (Discussion grade x 0.2) + (Learning Adventures grade x 0.5) + (Final Project grade x .03)

## TECHNOLOGY REQUIREMENTS

### LMS

All course sections offered by Texas A&M University-Commerce 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](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

*The syllabus/schedule are subject to change.*

## ACCESS AND NAVIGATION

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@tamuc.edu](mailto:helpdesk@tamuc.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>

### Interaction with Instructor Statement

All instruction will take place in a distributed fashion through D2L Brightspace and Email. Most of the course will be asynchronous. However, you may be working in groups in which case you will need to coordinate schedules to facilitate group work. Additionally, there will be opportunities for synchronous work with Dr. Bigenho should it be needed. These sessions will be optional and are available to you through prior arrangements. These interactions will use Zoom which will be accessible through a link that Dr. Bigenho will provide.

You should use the course site for most communication. When using e-mail, use [cwbigenho@gmail.com](mailto:cwbigenho@gmail.com) or [bigenhochris@tamuc.edu](mailto:bigenhochris@tamuc.edu). Monday through Friday, I will return email in 24 hours or less. That being said, it will usually be much less time.

*The syllabus/schedule are subject to change.*

## **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Course Specific Procedures/Policies**

It is important that you follow the directions of the course carefully as different assignments will require different tools for completion and different methods of submission. It is also important that you keep to the schedule as there are only 7 weeks to the class. Additionally, there may be times when you will need to work with others in the class. **Being late with your work WILL impact your grades negatively as it will also impact the ability of others to do their work. Bottom line, don't be late.**

**Discussions:** Discussions happen as they happen. Each week you are expected to participate in the discussions. These are NOT places for you to simply answer questions that I post. **I expect** to see a discussion- an exchange of ideas extended over time where there is evidence that you listened to others, reflected on material and offered new ideas/perspectives, provided help to your peers and posed your own questions to the group. There will be a discussion for each week. The only posts that will be considered for the discussion grade for that week **MUST** occur prior to the closing date of that week.

**Attendance and Engagement:** You need to check into the course on a daily basis (5 days out of 7). Since we will not have any face-to-face meetings, you must remain engaged in the course and with your peers through the myLeo Online (D2L Brightspace) learning environment. Engagement is often indicated by regular participation in the online discussions. Experience indicates that students who are not engaged regularly in the online environment generally have difficulties completing online courses successfully.

### **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.

## **University Specific Procedures**

### **Student Conduct**

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 in the [Student Guidebook](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).  
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

*The syllabus/schedule are subject to change.*

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

### **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

### **Academic Integrity**

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

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

[Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

### **Students with Disabilities-- ADA Statement**

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**

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

*The syllabus/schedule are subject to change.*

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

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

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

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

### **Nondiscrimination Notice**

Texas A&M University-Commerce 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 Texas A&M University-Commerce 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 A&M-Commerce 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.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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

### **Department or Accrediting Agency Required Content**

*The syllabus/schedule are subject to change.*

## COURSE OUTLINE / CALENDAR

### Course Schedule

Week	Activity
1	Introductions
	<b>Discussion 1:</b> What is Web 2.0?
	<b>Learning Adventure 1: Vanity Search &amp; Account Set Up:</b> Complete Vanity Search before setting up accounts. Then make a post on your blog, reflecting on your Vanity Search.
2	<b>Class Activity:</b> Develop a rubric for evaluating Web 2.0 tools for instructional use in the class wiki.
	<b>Peer Ratings of Learning Adventure 1:</b> Rate the report/reflection of your 3 assigned peers. Links to the evaluation forms will be sent to your gmail.
	<b>Discussion 2:</b> Evaluating Technology
	<b>Group Technology Evaluation Project:</b> Evaluate 5 Web 2.0 Technologies using the rubric developed by the class.
	<b>Twitter Adventure:</b> Explore Twitter for teaching, learning, and developing a Personal Learning Network.
3	<b>Peer Ratings of Twitter Adventure</b>
	<b>Discussion 3:</b> Selecting and implementing Web 2.0 technologies in Instruction.
	<b>Group Technology Evaluation Project</b>
	<b>YouTube Adventure:</b> Setup a YouTube Channel and search for videos on Web 2.0 tools for teaching and learning.
	<b>Continue your Twitter Adventure</b>
4	<b>Peer Ratings of YouTube Adventure</b>
	<b>Discussion 4:</b> Hyperdocs
	Begin <b>Final Project</b>
	<b>Adventure in Hyperdocs</b>
5	<b>Peer Ratings of Hyperdocs Adventure</b>
	Submit <b>Final Project</b> to project forum
	<b>Discussion 5:</b> Teaching and learning with Web 2.0 Tools
	<b>Closing Reflection</b> on Vanity Search

*The syllabus/schedule are subject to change.*

**NOTICE:** This syllabus may be adjusted as needed to provide the best possible learning opportunity for all students in the class.

*The syllabus/schedule are subject to change.*