CSCI 497-61W Coursera Spécial Topics (Cybersecurity Management and Compliance, Microsoft)

Course SYLLABUS: Spring 2026

INSTRUCTOR INFORMATION

Instructor: Dr. Gregory Newman, Adjunct Professor, ETAMU
Office Location: By appointment
Office Hours: Virtual office hours Sunday 7:00 PM until 9:00 PM CST US
Office Phone: 903-886-5409
Office Fax: None
University Email Address: Gregory.Newman@tamuc.edu
Preferred Form of Communication: Email and schedule appointment(s)
Communication Response Time 24 hours or sooner

Course & Certificate Details

Integration: This course allows students to earn a professional certificate through Coursera while receiving university credit. Format: It is a 100% online (61W designation) course.

Certificate Options: Cybersecurity Management and Compliance, Microsoft
Your path to a career in information security. Build career-ready skills in ethical hacking, network defense, digital forensics & security operations.

COURSE Prerequisites

Required Academic Prerequisites

For most upper-level CSCI electives at East Texas A&M, students must have completed the following with a grade of **C or better**:

- **COSC 1436** (Introduction to Computer Science and Programming)
- **COSC 1437** (Programming Fundamentals II)
- **COSC 2336** (Data Structures and Algorithms)
- **MATH 2305** (Discrete Mathematics)

Course Description

Prerequisites for CSCI 497-61W (Special Topics: Cybersecurity Management and Compliance, Microsoft) at East Texas A&M University typically include a combination of foundational computer science coursework and technical skills. While specific requirements vary by the certificate topic chosen for a given semester, the following are standard prerequisites for 400-level CSCI courses and the Coursera series.

For the **Spring 2026** semester at East Texas A&M University, the **CSCI 497-61W** course utilizes East Texas A&M Commerce Coursera to offer industry-recognized professional certificates. While the specific certificate assigned to section 61W will focus on Cybersecurity Management and Compliance, Microsoft.

Certification Options

Based on current offerings within the Texas A&M System's Coursera Partnership, the following certificate pathway will be focused on this semester:

About this Course

In this course, you'll learn about data and record management, Information security, standards and policy formation, and implementation. You'll also explore cloud adoption frameworks and regulatory compliance frameworks. This course will take you one step closer to the Microsoft Cybersecurity Analyst Professional Certificate, which requires no degree or prior experience.

After completing this course, you'll be able to:

• Explain the principles of cloud security planning

• Identify security requirements for cloud architecture

• Explain Microsoft's privacy principles

• Use available tools for compliance management

This is also a great way to prepare for the **Microsoft SC-900 exam**. By passing the SC-900 exam, you'll earn the Microsoft Security, Compliance, and Identity Fundamentals Certification.

How It Works

General

What do start dates and end dates mean?

Once you enroll, you'll have access to all videos, readings, quizzes, and programming assignments (if applicable). If you choose to explore the content without purchasing, you may not be able to access certain assignments. If you don't finish all graded assignments before the

end of the session, you can reset your deadlines. Your progress will be saved and you'll be able to pick up where you left off.

What are due dates? Is there a penalty for submitting my work after a due date?

Within a course, there are suggested due dates to help you manage your schedule and keep work from piling up. Quizzes and programming assignments can be submitted late without consequence. However, it is possible that you won't receive a grade if you submit your peer-graded assignment too late because classmates usually review assignment within three days of the assignment deadline.

Can I re-attempt an assignment?

Yes. If you want to improve your grade, you can always try again. If you're re-attempting a peer-graded assignment, re-submit your work as soon as you can to make sure there's enough time for your classmates to review your work. In some cases you may need to wait before re-submitting a programming assignment or quiz. We encourage you to review learning material during this delay.

Getting Started Student

1. This is a complete online course that students are expected to complete all learning modules.
2. Students can gain access via their D2L Portal (https://myleoonline.tamuc.edu/d2l/le/lessons/210375/units/3151524) under course content.
3. Students must be aware that this is a semester-long course, and they may complete the course models before the semester ends. Students will need to dedicate 3 – 4 hours weekly and may review the models as many times as they like.
4. Students must be able to demonstrate proof that they have completed each of the course's four modules.
5. Final project and assessment: Cybersecurity management and compliance.
6. Students must complete the course quizzes.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Junior/Senior class standing.

Instructional Methods

This is a web-based course so you will need a PC and access to the Internet. You can also access this course in any computer lab on campus. This is a web-based course so you will need a PC and access to the Internet. You can also access this course in any computer lab on campus. No textbook is required for this course. The online Coursera Portal will provide students with the required materials (https://myleoonline.tamuc.edu/d2l/le/lessons/210375/units/3151524).

Student Responsibilities or Tips for Success in the Course

Instructor Availability:

Please use the email address in this syllabus to communicate with me regarding this course. Remember to include the course number/name at the beginning of the subject field for each email message (**refer to the top of the first page of this syllabus for more details**). Emails not including this information may be automatically redirected to a folder that I rarely check or possibly deleted. Generally, you can expect a response to your emails within a day during the week, although sometimes it may take longer. Please note that I do not usually log in on weekends until Sunday Evening. If you send me a question on Friday afternoon, I may not read the email until Sunday Evening or Monday morning. If you prefer to contact me via email, call my office.

Unless otherwise specified, all assignments are individual assignments and thus must be completely the original work of the student submitting them.

Sharing Your Work

The instructor may share all student work with the class for purposes of example and training. Such work will be as anonymous as possible. Finally, the instructor may share your work anonymously with future classes or in his own writing and research.

13.99.99.R0.03 Undergraduate Academic Dishonesty
13.99.99.R0.10 Graduate Student Academic Dishonesty

By following these guidelines, you can ensure that your use of AI technology aligns with university policies and maintains the integrity of your academic work. If you have any questions about specific policies, it's always a good idea to consult your instructor or academic advisor.

Late Work:

All assignments are due at the time specified. Please keep in mind that no late work will be. If you have a problem submitting an assignment on time, contact instructor before the due date. **It may be possible to work ahead for some weeks and submit the assignment before it is due**.

Cheating on Exams

Students who share information about answers on the exams or receive assistance from external sources during the exam will receive a zero grade for the exam.

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

Assessments

Your Final Grade Distribution is as follows:

Assessment	**Percent of Final Grade**
Module quiz: Security administration	20%
Module quiz: Compliance solution	20%
Module quiz: Laws and standards	20%
Self-review: Achieving compliance	20%
Course quiz: Cybersecurity management and Compliance	20%
Total	**100%**

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 the technical requirements.
LMS Requirements: https://community.brightspace.com/s/article/Brightspace-Platform-

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_suppo rt.htm

YouSeeU Virtual Classroom Requirements: https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-SystemRequirements

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.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all coursework promptly and satisfactorily. Each student needs a backup method to deal with these inevitable problems. These methods might include having a backup PC at home or work, temporarily using 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 struggling with the course material, please contact your instructor.

Technical Support

If you have 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

See Above

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

See Above

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may require the instructor to modify it 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

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

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

Undergraduate Academic Dishonesty

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

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

Graduate Student Academic Dishonesty 13.99.99.R0.10

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that can generate text or suggest replacements for text beyond individual words, as determined by the course instructor. Any use of such software must be documented. Undocumented use constitutes academic dishonesty (plagiarism).

Individual instructors may disallow the use of such software entirely for individual assignments or 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 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.

13.99.99.R0.03 Undergraduate Academic Dishonesty
https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesprocedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

13.99.99.R0.10 Graduate Student Academic Dishonesty
https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesprocedures/13students/graduate/13.99.99.R0.10.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. 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
Gee Library- Room 162 Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu
Website: Office of Student Disability Resources and Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServ ices

Nondiscrimination Notice

The syllabus/schedule are subject to change.

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 based on race, color, religion, sex, national origin, disability, age, genetic information, or veteran status. Further, an environment free from discrimination based on 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 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.

COURSE OUTLINE / CALENDAR

There will be NO late submittal for the weekly assignments.

Week 1- 1/12/26 – Module quiz: Security administration.
- **Online Session to discuss expectations for the certificate 1/15/26**

Week 2 - 1/18/26 – Module quiz: Security administration.
Week 3 - 1/23/26 Due – Module quiz: Security administration.
Week 4 - 2/1/26 – Module quiz: Compliance Solutions.
Week 5 – 2/8/26 – Module quiz: Laws and standards.
Week 6 – 2/15/26 **–** Self review: Achieving compliance.
Week 7 – 2/22/26 **–** Course quiz: Cybersecurity management and compliance.
Week 8 – 3/1/26 **–** Continue to review the modules
Week 9 – 3/8/26 – Break.
Week 10 – 3/15/26: Continue to review the modules.
Week 11 – 3/22/26 – Continue to review the modules
Week 12 – 3/29/26: Continue reviewing the modules.
Week 13 – 4/5/26: Continue reviewing the modules.

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Week 14 – 4/12/26: Continue reviewing the modules.
Week 15 –4/19/26 – Continue reviewing the modules.
Week 16 – 4/26/26 - Continue reviewing the modules.
Week 17 – 5/3/26 – Continue reviewing the modules.