



Marketing and Business Analytics

A&M-COMMERCE

Course Syllabus

(The most updated version of this syllabus will be maintained on the eCollege course shell; students, please refer to that version for most up-to-date information).

TEXAS A&M UNIVERSITY – COMMERCE
Department of Marketing and Business Analytics
BUSA 315 – IS Security & Risk Mgt

<p>CLASS MEETINGS: Time & Location: Web-based, E-College Course Shell will be used: https://secure.ecollege.com/tamuc or http://online.tamuc.org</p>	<p>INSTRUCTOR OFFICE HOURS: I will be providing online live sessions which will include Q&A and discussions around the week's topic. (*dates/times will be posted in the e-College platform for reference.) I will additionally be responding to your questions on the Virtual Office utility of the e-College course shell and email.</p> <ul style="list-style-type: none">• If you use the Virtual Office utility, please, post your questions and I will respond to them.• If you email me, please include "BUSA 315" in the subject line of your email.
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INSTRUCTOR: DR. RICHARD LIGHTCAP

Adjunct Faculty, Department of Marketing and Business Analytics Texas A&M University - Commerce

E-Mail: Richard.Lightcap@tamuc.edu

TEXTBOOK:

Required Textbook:

Title: Navigate eBook Access for Information Security Management + Cloud Labs

ISBN-13: 9781284251425

Author: Michael Workman, PhD

Edition: 2nd | Copyright 2023

Publisher: Jones & Bartlett Learning

COURSE DESCRIPTION: This is an introduction to the various technical and administrative aspects of Information Security & Assurance. This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. The purpose of the course is to provide the student with an overview of the field of Information Security and Assurance. Students will be exposed to the spectrum of

*Tentative. All dates and content may be subject to change throughout the semester; changes will be communicated to the students in class or via eCollege course shell announcements or via email. Page 1

security activities, methods, methodologies, and procedures. Coverage will include inspection and protection of information assets, detection of and reaction to threats to information assets, and examination of pre-and post-incident procedures, technical and managerial responses and an overview of the Information Security Planning and Staffing functions.

STUDENT LEARNING OUTCOMES: Students will demonstrate knowledge of the following:

1. Identify and prioritize information assets.
2. Identify and prioritize threats to information assets.
3. Define and information security strategy and architecture.
4. Plan for and respond to intruders in an information system.
5. Describe legal and public relations implications of security and privacy issues.

COURSE OUTLINE/CONTENT:

Schedule	Topic
Week 1	Chapter 1: Introduction to Information and Cybersecurity
Week 2	Chapter 2: Information Security Departments and Roles Quiz
Week 3	Chapter 3: Actors and Practices Quiz
Week 4	Chapter 4: Corporations: Laws, Regulations, and Policies Quiz
Week 5	Chapter 5: Information Security Management Lab: Applying DevSecOps Principles to the Software Development Process
Week 6	Chapter 6: Assessing Threats and Vulnerabilities – Beginning through "Agent Frameworks and Semantic Fusion" Quiz Lab: Conducting a Penetration Test
Week 7	Chapter 6: Assessing Threats and Vulnerabilities – "Threats and Vulnerabilities" through the end. Quiz
Week 8	Chapter 7: Risk Assessments and Risk Management Quiz
Week 9	Chapter 8: Computer Architecture and Security Models Quiz
Week 10	Chapter 9: Security Policies and Managing Behaviors Quiz
Week 11	Chapter 10: Cryptography – Beginning through "Symmetric Cryptography" Lab: Applying Cryptographic Controls
Week 12	Chapter 10: Cryptography – "Asymmetric Cryptography" through the end Quiz
Week 13	Chapter 11: Network Security, Firewalls, IDS, and SeCM Lab: Applying Network Security Controls Quiz

Week 14	Chapter 12: Information Security Management – Beginning through “Reasoning and Inference” Quiz
Week 15	Chapter 12: Information Security Management – "Heuristics and AI Decision Systems" through the end Lab: Evaluating Threat Intelligence
Week 16	Final

EXAMS & GRADING:

E-Attendance/E-Activity, E-Participation/Discussions	20%
Quizzes	25%
Labs	25%
Final Exam (<u>Comprehensive of all the material covered</u>)	30%

COURSE REQUIREMENTS:

Study: To plan a minimum of three hours of outside preparation for each hour of class is a safe time allocation for successfully completing the course.

Students are expected to go through the slides and any other uploaded material every week in Brightspace course shell. Online discussion/activities may be required, and online activities may be assigned to reinforce material in the text. Please see Brightspace course shell for further details.

Brightspace: You will need to activate and access your Brightspace account.

“If at any time you experience technical problems (e.g., you can't log in to the course, you can't see certain material, etc.) please contact the Brightspace HelpDesk, available 24 hours a day, seven days a week. The HelpDesk can be reached by sending an email to tohelpdesk@online.tamuc.org or by calling 1-866-656-5511”.

Lab Assignments: There will be regularly assigned written problem sets and programming assignments. Assignments will be given and returned via the online Brightspace system. It is very important that students follow the instructions carefully on the assignments. The assignments will be uploaded by the instructor to Brightspace course shell. The student may have to upload it to the course shell's Dropbox by following the instructions on the assignment; or the assignments may be entirely online tests. It is the student's responsibility to return or solve all assignments ready on time by the given due date. Late assignment may not be accepted or may be penalized, and assignment may not be accepted beyond a certain time.

Quizzes: There will be several quizzes on Brightspace. You will have 5 days to take quizzes.

Exams: Two exams will be given, one midterm exam and one final exam. The instructor may add other necessary exams if he sees necessary. The exams will be delivered online on the dates indicated above.

Attendance/E-participation, Discussions: Student participation will be graded by the level of class participation and attendance. Students are expected to attend/participate the weekly discussion topics which will be posted in the course shell almost every week and read all the uploaded slides (e-participation).

Students will be able to view their graded assignment, quiz, and exam scores on Brightspace. The students have one week to inquire about their grade after the assignment/quiz/exam is done. Grades accumulated so far in the class by the students may be provided on Brightspace to the students as a courtesy by the instructor so that the students can see where they stand grade wise; however, those grades might not be very accurate. The overall course grades are finalized after all the exams, assignments, quizzes, and attendances are complete and then they are put in a spreadsheet, weighed, and evaluated at the end of the semester by the instructor.

Web-based / online class: This is a web-based / online class. Assignments will be uploaded to Brightspace course shell. Students are responsible for obtaining and setting up their Brightspace account using their TAMUC student login. They need to follow the Brightspace course shell daily for the course announcements, downloading and uploading the assignments, and other course activities. Students also need to check their leomail daily.

The instructor maintains the right to modify the course syllabus & policies within the semester if need arises.

ETHICS:

Integrity is the hallmark of the accounting profession and will be stressed throughout the course. Any type of student breach of ethics, including, but not limited to: illegal activity, dishonest conduct, cheating, plagiarism, or collusion will result in failure on the assignment and/or further academic sanctions (i.e. failure of the course, dismissal from class and/or referral to the Dean of the College of Business). **You will be required to sign the Academic Honesty Policy and submit it within the first week of class. Failure to submit a signed Academic Honesty Policy will cause a 50 point deduction from your overall score for the class.**

"All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (See Student's Guide Handbook, Policies and Procedures, Conduct). Ethics include the issue of plagiarism, and copying parts or whole of assignments, quizzes and exams is just as serious as any other type of plagiarism. If you are caught sharing or using other people's work, you will receive a 0 grade and a warning on the first instance. A subsequent instance will result in receiving an F grade for the course, and possible disciplinary proceedings. The student who shares as well as the one who copies will both receive a 0.

ATTENDANCE POLICY:

Student participation will be graded by the level of class participation and attendance. Since this is a web-based / online class, the students are expected to participate in the required activities as described in the Brightspace course shell for each week's lecture. At the beginning of every week, reading material / lecture slides will be uploaded to course shell and the students are required to go through the assigned reading material and/or lecture slides.

Any student wishing to withdraw from the course must do so officially as outlined in the class schedule. THE INSTRUCTOR CANNOT DROP OR WITHDRAW ANY STUDENT.

COURSE REQUIREMENT DEADLINES:

Credit will be given for ONLY those exam(s), program(s), and/or project(s) turned in no later than the deadline(s) as announced by the instructor of this class unless prior arrangement has been made with the

instructor. Late assignments will be penalized, and the instructor may not accept late assignments after a specified period.

METHOD OF EVALUATION (Tentative):

Final Average	Letter Grade
90-100	A
80-89.99	B
70-79.99	C
60-69.99	D
Below 60	F

STUDENTS WITH DISABILITIES REQUIRING ASSISTANCE:

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
Gee Library, Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu

SMOKE, VAPOR & TOBACCO FREE ENVIRONMENT:

University Procedure 34.05.99.R1 now prohibits the use of vapor/electronic cigarettes, smokeless tobacco, snuff and chewing tobacco inside and adjacent to any building owned, leased, or operated by A&M – Commerce.

UNIVERSITY RULES AND PROCEDURES can be accessed at

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/>

Section 13 is about **Students (Academic)**.

Campus Concealed Carry

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 (<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>) and/or consult your event organizer). 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.

AI use policy [May 2023]

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

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

13.99.99.R0.10 Graduate Student Academic Dishonesty