

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).

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

CLASS MEETINGS: Time & Location: Web-based, E-College Course Shell will be used: https://secure.ecollege.com/tamuc or http://online.tamuc.org	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. • 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 East Texas A&M University

E-Mail: Richard.Lightcap@tamuc.edu

TEXTBOOK:

Required Textbook:

Elementary Information Security

Author: Smith

Edition: 3rd

ISBN: 9781284055931

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 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: Security from the Ground Up
Week 2	Chapter 2: Controlling a Computer
Week 3	Chapter 3: Controlling Files Test 1
Week 4	Chapter 4: Sharing Files
Week 5	Chapter 5: Storing Files
Week 6	Chapter 6: Authenticating People Test 2
Week 7	Chapter 7: Encrypting Files
Week 8	Chapter 8: Secret and Public Keys
Week 9	Chapter 9: Encrypting Volumes Test 3
Week 10	Chapter 10: Connecting Computers
Week 11	Chapter 11: Networks of Networks
Week 12	Chapter 12: End-to-End Networking Test 4
Week 13	Chapter 13: Network Encryption
Week 14	Chapter 14: Internet Services and Email
Week 15	Chapter 15: The World Wide Web Test 5
Week 16	Final

EXAMS & GRADING:

E-Attendance/E-Activity, E-Participation/Discussions 20%
Quizzes & Tests 50%
Final Exam (Comprehensive of all the material covered) 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”.

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

East Texas A&M University

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 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

((<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.