FUNDAMENTALS OF INFORMATION SECURITY
(ITSY 1300 1A1)

LAMAR INSTITUTE OF TECHNOLOGY

INSTRUCTOR CONTACT INFORMATION

Instructor: Steven Veron
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Office Phone: 409-351-5961
Office Location: N/A
Office Hours: N/A

CREDIT
3 Semester Credit Hours (3 hours lecture, 0 hours lab)

MODE OF INSTRUCTION
Online

PREREQUISITE/CO-REQUISITE:
None

COURSE DESCRIPTION
An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed.

COURSE OBJECTIVES
Upon completion of this course, the student will be able to
- Outline best practices for the information security goals of confidentiality, integrity and availability
- Explain ethical practices
- Define vocabulary/terminology related to information security

REQUIRED TEXTBOOK AND MATERIALS
1. Cengage MindTap access to *Applying Practical Security in Your World, 5th Edition*, Ciampa, Mark; Cengage, 2017
   a. How to buy your Course Materials
      1. Sign into Blackboard and click on this course
      2. Click on the Cengage link: Getting Started in the Getting Started with Cengage MindTap section.
      3. Create or sign into your Cengage account to access or purchase the materials for this course.

NOTE: If you are taking additional courses that use Cengage materials, you can save by purchasing a Cengage Unlimited plan, which gives you access to all Cengage eTextbooks and online homework platforms for one price. Visit cengage.com/unlimited or your campus bookstore to learn more.

b. Beware of sites that are selling discounted codes. These sources are likely unauthorized sellers who have acquired access codes illegally, and transactions with such sources may pose a risk to your personal information.

c. Need help? Visit startstrong.cengage.com for step-by-step registration instructions and videos.

2. Cyber Security and Network Technology students are required to have one 64 GB or larger capacity USB Flash Drive to be used for the duration of the time to complete their respective degree.

3. Computer with Internet access

ATTENDANCE POLICY
Online Class

DROP POLICY
If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

STUDENT EXPECTED TIME REQUIREMENT
For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

COURSE CALENDAR

DATE	TOPIC	ASSIGNMENTS (Due on this Date)
Week 1	Class Introduction	Pre-Course Assessment
Week 2	Introduction To Security	Lab 1-1
Week 3		Unit 1 Quiz and Unit 1 Case Project
Week 4	Personal Security	Lab 2-1 and Lab 2-2
Week 5		Unit 2 Quiz and Unit 2 Case Project
Week 6	Computer Security	Lab 3-1 and Lab 3-2
Week 7		Unit 3 Quiz and Unit 3 Case Project
Week 8	Chapters 1-3 Test	
Week 9	Spring Break	No Class
Week 10	Internet Security	Lab 4-1
Week 11		Unit 4 Quiz and Unit 4 Case Project

Week 12	Mobile Security	Lab 5-1
Week 13		Unit 5 Quiz and Unit 5 Case Project
Week 14	Privacy	Lab 6-1, Unit 6 Quiz, and Unit 6 Case Project
Week 15	Chapters 4-6 Test	
Week 16	Study	
Week 17	Final Exam	

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Virtual Machine Labs   30%
- Case Projects   20%
- Chapter Quizzes   10%
- Chapter Tests   20%
- Final Exam   20%

GRADE SCALE

- 90-100   A
- 80-89   B
- 70-79   C
- 60-69   D
- 0-59   F

LIT does not use +/- grading scales

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at https://lit.edu/online-learning/online-learning-minimum-computer-requirements. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at Special Populations - Lamar Institute of Technology (lit.edu).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

1. All assignment due dates are indicated in the Cengage course for this class. Any work submitted after the assigned due date will receive a 25-point deduction.
2. Tests are assigned a due date and must be completed by that date. Tests will not be reactivated after the due date.
3. All assignments must be submitted via Cengage unless specified by your instructor. Assignments submitted through any other method will receive a "0".
4. Grades for assignments may be accessed through the Gradebook in Cengage. Each assignment shows your grade and any grading comments made on your assignment