

IS 631 Information Security Spring 2011

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Credits 3 credit hours

Date/Time/Location Online

Description

This course provides foundation knowledge in information security, including protecting information assets, risk mitigation strategies, response to security incidents, and designing secure systems. (PR: Permission of the professor)

IS631 provides an introduction to the management, technical, and administrative aspects of Information Security and 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.

Course Objectives

Upon completion of this course, students should be able to:

- Identify and prioritize information assets and threats to information assets.
- Define an information security strategy and architecture.
- Plan for and respond to intruders accessing computing resources.
- Describe legal and PR implications of security and privacy issues.
- Perform a basic computer security review.
- Evaluate software tools to manage security.
- Define current issues in information security.

Required Text

Whitman, M. & Mattlord, H. (2009). *Principles of Information Security*, (3rd ed.).

APA Style Manual – 6th edition

Online or other abridged versions of this resource are not acceptable, as they typically vary from the original source.

Course Format

This course will be taught entirely online. It is arranged into 8 Units of two weeks each. All activities for the Unit are available in the Table of Contents for each Unit and displayed to the left of the Unit's Introduction page. Students should complete all activities by Sunday evening. The new Unit activities for each week are available Sunday evenings.

Assignments

All assignments are to be done individually. You are responsible to check online for new assignments, announcements, etc.

Assignments are only to be submitted via the MUOnline Assignment Dropbox and must be received prior to the stated deadline (midnight EST on the due date). Please do not paste your assignment into the comments section. All assignments must be submitted as an attachment.

Assignments will not be accepted late.

Proper grammar must be used in all assignments. Poor writing will lower your grade. Use Marshall's Writing Center if your English writing skills are not strong.

Copying content from the Web or other resources without proper reference citations is the same as plagiarism and will be penalized (see Marshall's Academic Dishonesty Policy). Ignorance of the policy is not an excuse. APA style is the accepted format for citations in this course.

Quizzes

The course includes 8 quizzes (1 per Unit) worth 25 points each. They will be available on Sunday at midnight and disappear at the same time the following Sunday. Questions are based on the articles, textbook, and Web resources. All quizzes are open book and have a time limit. If you do not take a quiz, it cannot be made up.

There are no exams for the course. Graduate students are expected to master the course content through a demonstration of critical analysis, writing, and research.

Grading

Assignments	800
Quizzes	200
Case Study	200

1200 Total Points

To calculate your grade, divide your points by 5
90 – 100 = A; 80 – 89 = B; 70 – 79 = C; <70 = F

An Incomplete grade will not be given. If you do not complete the course, you will want to make that determination before the 10th Friday of the semester, i.e., the last day to withdraw.

Academic Dishonesty

Dishonesty will not be tolerated! This warrants repeating... Dishonesty will not be tolerated! If you are not familiar with the University's policy, please review it at <http://www.marshall.edu/muonline/plagiarism.asp>. Please read it carefully. At minimum, dishonesty in this course will result in Failure for that assignment. Depending upon the severity of the offense, additional disciplinary actions are possible! Copying content from the Web or other resources without proper reference citations is the same as plagiarism. Ignorance of the policy is not an excuse. Be aware that your submissions may be electronically checked for plagiarism.

Resources

Do not hesitate to contact me with questions or concerns. E-mail is the best way to reach me.

Marshall University offers a variety of support services for online students:

Help Desk:

(304) 696-3200 (Huntington, WV)

(304) 746-1969 (Charleston, WV)

(877) 689-8638 (Toll free)

- [Tutoring Center Online](#)
- [Writing Center Online](#)
- [Libraries](#)
- [Textbook Service](#)
- [Disabled Student Services](#)
- [Campus Resources](#)
- [Technical Help](#)

MU acceptable use policies: <http://www.marshall.edu/ucs/CS/acctuse.asp>