

MIDSTATE COLLEGE
411 W. NORTHMOOR RD., PEORIA, IL 61614
(309) 692-4092 (800) 251-4299
Spring 2018

Course: CIS 348 Management of Information Security

Credit: 4 Quarter Hours

Method of Delivery: Classroom

Course Description: This course is designed to provide the student with an opportunity to gain insight into several of the many aspects of the field of information security management. Case readings provide a mixture of material that offers advice about management practices that are founded on solid theoretical structure. Both academic and practical treatment will be given to the material presented.

Prerequisite: CIS 227 – Information Security Fundamentals

Text(s) & Manual(s): Management of Information Security, 5th edition

Author(s): Michael Whitman, Herbert Mattord

Publisher: Cengage Learning

ISBN: 9781305501256

Materials needed for this course:

Additional Supplies: LabSim Access Card

Hardware/Software and Equipment: Computer System with an Internet connection.

Topics: Social engineering attacks, cryptography, network security, mobile security, access control, and risk mitigation

Learning Objectives: Upon completion of this course, the student will be able to:

1. Recognize the importance of the manager's role in securing an organization's use of information technology and the characteristics that differentiate information security management from general management.
2. Identify the principal components of information security system implementation planning in the organizational planning scheme.
3. Create a simple set of contingency plans using business impact analysis.
4. Evaluate the fundamental elements of key information security management models and practices.
5. Define risk management and its role in the organization.
6. Describe the various access control approaches, including authentication, authorization, and biometric access controls.
7. Differentiate between law and ethics.

Midstate Grading scale:

90 - 100 A

80 - 89 B

70 - 79 C

60 - 69 D

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0 - 59 F

Midstate Plagiarism Policy:

Plagiarism is using another person's words, either by paraphrase or direct quotation, without giving credit to the author(s). Plagiarism can also consist of cutting and pasting material from electronic sources by submitting all or a portion of work for assignment credit. This includes papers, computer programs, music, sculptures, paintings, photographs, etc. authored by another person without explicitly citing the original source(s). These actions violate the trust and honesty expected in academic work. Plagiarism is strictly against the academic policy of Midstate College. Its seriousness requires a measured, forceful response which includes consequences for inappropriate and/or no citation.

In courses containing writing assignments, the College promotes the use of an electronic resource which compares the student's writing against previously submitted papers, journals, periodicals, books, and web pages. Students and instructors can use this service to reduce the incidence of plagiarism. This electronic resource has been found to conform to legal requirements for fair use and student confidentiality. It is able to provide a report to the student indicating the parts of the assignment that match.

Student Success:

The Office of Student Success is available to students seeking tutoring for individual classes or who need assistance with writing assignments. Information is also available on test taking techniques, how to take notes, developing good study skills, etc. Contact Student Success in Room 218 (in person); (309) 692-4092, extension 2180 (phone); studentsuccess@midstate.edu (email).

Instructor: Doug Orwig

Midstate email: dorwig@midstate.edu

Phone: 309-228-4335 (txt and voicemail)

Office Hours:

30 minutes prior to class and by appointment.

Policies and Procedures:

Late Assignments:

- Assignments less than one week late are reduced 10%.
- Assignments greater than one week, but less than two weeks late are reduced 25%
- Assignments over two weeks late are reduced 50%

Assistance: It is the student's responsibility to notify the instructor when he or she has been absent, has fallen behind, or needs assistance

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Participation Requirements: Flex courses are taught both on-campus and through eLearning. Flex courses offer personalized learning where students can choose each week whether they want to attend on-campus, via eLearning, or both.

- On-campus = If a student attends an on-campus course, he or she will be counted as present.
- eLearning = To be considered in attendance for an eLearning course, the student must participate each week by submitting substantial, gradable work.

Examination Information: Exams are due by the date assigned. Arrangements for make-up exams must be made prior to the due date for the exam.

Methods of evaluating student performance:

Assignments: 50%

Exams/Quizzes 30%

Class participation 20%

Commented [D01]: E

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Instructor's Grading Scale:

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Wk	Topics	Learning Objectives	Assignments
1	Introduction to the Management of Information Security	1	EOC Assignments Summary Forum
2	Planning for Security	2	EOC Assignments Summary Forum
3	Planning for Contingencies	3	EOC Assignments Summary Forum
4	Information Security Policy	4	EOC Assignments Summary Forum
5	Developing the Security Program	1, 2, 3, 4	EOC Assignments Summary Forum
6	Security Management Models	4	EOC Assignments Summary Forum
7	Security Management Policies	2	EOC Assignments Introduce Security Paper Summary Forum
8	Risk Management: Identifying and Assessing Risk	5	EOC Assignments Summary Forum
9	Risk Management: Controlling Risk	6	EOC Assignments Summary Forum
10	Protection Mechanisms	6	EOC Assignments Summary Forum
11	Personnel and Security	6	EOC Assignments Summary Forum
12	Law and Ethics	7	EOC Assignments Summary Forum