



Enterprise Security

ISM 431

Southwestern College Professional Studies

COURSE SYLLABUS

I. Course Catalog Description

This course teaches learners how to apply an information security management plan to an organization's enterprise systems, including integrating physical and digital security technologies into an enterprise security system that meets the requirements of an organizational information security plan and its policies. Prerequisite: SMGT320

II. Required and Supplementary Instructional Materials

Iannarelli, J. G., & O'Shaughnessy, M. O. (2015). Information governance and security: Protecting and managing your company's proprietary information. Waltham, MA: Butterworth Heinemann, Elsevier.

van Wyk, K. R., Graff, M. G., Peters, D. S., & Burley, D. L. (2015). Enterprise software security: A confluence of disciplines. Upper Saddle River, NJ: Pearson Education.

III. Learning Outcomes

Learning outcomes describe the knowledge, skills, values, and attitudes that learners gain as the result of a particular learning experience. Southwestern College Professional Studies has learning outcomes specific to each course and each [undergraduate](#) and [graduate](#) program of study, as well as [institution-wide outcomes](#) related to the mission and vision of the college. Outcomes can help learners and instructors focus on the big picture of the learning experience and can help inform potential employers about a graduate's knowledge and skills.

Upon successfully completing this course, the learner will be able to:

- Explain the strategic importance of effective, interdisciplinary, and multifunctional enterprise information security governance and information security management program and its execution. (PO 1)
- Compare various types of enterprise information security governance structures, enterprise information security management programs, and their critical components. (PO 1, PO 2, PO 3)
- Differentiate between stakeholder groups and their respective roles, investment, and interest in an effective enterprise information security management program. (PO 1, PO 2, PO 3)
- Contrast enterprise information security management strategies related to people, processes, software, hardware, and networking. (PO 1, PO 2, PO 3)
- Assess the ethical, social, environmental, and risk considerations for enterprise information security governance, and developing and executing an enterprise information security management program. (PO 1, PO 2, PO 3, PO 4)
- Evaluate the effectiveness and potential application of multiple information security governance structures and information security management programs for variant enterprise scenarios with consideration for strategic, operational, ethical, social, environmental, and risk factors. (PO 1, PO 2, PO 3, PO 4)
- Recommend a plan for the adoption, integration, implementation, and maintenance of an information security governance structure and information security management program for an enterprise scenario with consideration for strategic, operational, ethical, social, environmental, and risk factors. (PO 1, PO 2, PO 3, PO 4, PO 5)

At the end of the course, learners may vary in their ability to achieve these outcomes. You are more likely to achieve these outcomes only if you attend class and/or online activities as required by the syllabus, complete the requirements for all assignments to the best of your ability, participate actively in class activities and group work as directed, and study diligently for exams.

IV. Course Policies

Students are expected to read and abide by the course policies located in the instructor-specific syllabus in the blackboard course.

V. Course Requirements:

Requirements	Number of Assignments	Points Possible	Percent of Grade
Discussions	6	300	30%
Unit Papers	5	450	45%
Final Paper	1	250	25%
Total Points		1000	100%

VI. Course at a Glance:

Unit	Reading & Preparation Activities	Graded Work Due
1	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 1 & 2• Read van Wyk Chapters 1 & 2• Watch: Advice to help today's CISOs succeed at security leadership.	<ul style="list-style-type: none">• Unit 1 Discussion• Unit 1 Paper
2	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 3 & 4• Read van Wyk Chapter 3• Watch: HIPAA -- IT compliance	<ul style="list-style-type: none">• Unit 2 Discussion• Unit 2 Paper
3	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 5 & 6• Read van Wyk Chapter 4• Watch: Ruby On Rails Tutorial – Brakeman	<ul style="list-style-type: none">• Unit 3 Discussion• Unit 3 Paper
4	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 7 & 8• Read van Wyk Chapter 5 & 6• Watch: On Connecting Security to the Business Mission	<ul style="list-style-type: none">• Unit 4 Discussion• Unit 4 Paper
5	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 9 & 10• van Wyk Chapter 7 & 8• Watch: HP Fortify on Demand	<ul style="list-style-type: none">• Unit 5 Discussion• Unit 5 Paper
6	<ul style="list-style-type: none">• Read Iannarelli & O'Shaughnessy, Chapters 11 & 12• Read van Wyk Chapter 9• Watch: White House Proposes Consumer Cybersecurity Measures	<ul style="list-style-type: none">• Unit 6 Discussion• Unit 6 Final Paper

VII. Other Policies and Requirements

Follow this link to the Southwestern College Professional Studies [Standard Syllabus](#) in Blackboard. You may be required to log in.