



Physical Security Planning and Vulnerability Assessment

MSA 515

Southwestern College Professional Studies

COURSE SYLLABUS

I. Course Catalog Description

This course emphasizes real-world concepts, principles, and processes for building security and safety design, including assessing needs and working with security consultants. Security design concepts, security evaluation and planning, building hardening, security technology, and biochemical and radiological protection are covered. Conducting vulnerability assessments of physical protection systems from start of planning through final analysis, including senior management briefing, is examined.

II. Required and Supplementary Instructional Materials

The American Institute of Architects. (2004). *Security planning and design: A guide for architects and building design professionals*. Hoboken, NJ: John Wiley & Sons.

Garcia, M. L. (2006). *Vulnerability assessment of physical protection systems*. Burlington, MA: Elsevier.

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:

- Discuss basic security principles and protocols.
- Describe security components and their proper application.
- Identify the different types of technology that are currently available to individuals and managers to prevent, detect, respond, and mitigate emergency situations.
- Apply fundamental security and defense concepts and principles to "real-world" scenarios.
- Articulate principles that form the basis for a sound Security Strategy.
- Address the importance of preparation and planning in security operations
- Describe risk assessment and how to evaluate current and future threats.
- Explain the necessary skill sets and various challenges that security managers must confront and overcome.
- Develop a comprehensive physical protection system through a risk and vulnerability assessment.
- Provide direct guidance on the proper application of security components and a detailed written security assessment.

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	600	60%
Midterm	1	200	20%
Portfolio Assignment	1	200	20%
Total Points		1000	100%

VI. Course at a Glance:

Unit	Reading & Preparation Activities	Graded Work Due
1	<ul style="list-style-type: none"> Garcia Preface - Chapter 2 AIA Introduction and Chapter 1 Introductions discussion forum 	<ul style="list-style-type: none"> Unit 1 Discussion
2	<ul style="list-style-type: none"> Garcia Chapters 3 & 4 AIA Chapter 2 	<ul style="list-style-type: none"> Unit 2 Discussion
3	<ul style="list-style-type: none"> AIA Chapters 3 – 6 	<ul style="list-style-type: none"> Unit 3 Discussion Midterm
4	<ul style="list-style-type: none"> Garcia Chapters 5 - 8 	<ul style="list-style-type: none"> Unit 4 Discussion
5	<ul style="list-style-type: none"> Garcia Chapters 9 & 10 AIA Chapters 7 & 8 	<ul style="list-style-type: none"> Unit 5 Discussion
6	<ul style="list-style-type: none"> Garcia chapters 11 & 12 AIA chapter 9 	<ul style="list-style-type: none"> Unit 6 Discussion Portfolio Assignment

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.