

CONTINUING EDUCATION

COURSE OUTLINE – Software Development Security

INSTRUCTOR: N/A

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PREREQUISITE(S): This course requires a basic understanding of IT concepts.

REQUIRED TEXT/RESOURCE MATERIALS:

Course materials are included.

CALENDAR DESCRIPTION:

This course covers software development security while focusing on the systems development life cycle, operating systems, and their environments. Additional topics include the role of various databases in security and how to recognize and guard against attacks on software. You will have the opportunity to apply application security controls.

The content in this course aligns with Domain Eight in the CISSP exam, offered by (ISC)2. However, the course can be taken as a stand-alone without the intention of sitting for the exam.

CONTACT HOURS: 5 hours

CEUs: 0.5

PDU: 5

DELIVERY MODE: Online self-paced

TRANSFERABILITY: N/A

GRADING CRITERIA:

Upon successful completion of the course, you will receive a Certificate of Completion.

EVALUATIONS: Learners must achieve an average test score of at least 70% to meet the minimum successful completion requirement and qualify to receive IACET CEUs.

The following list outlines the PDUs you will earn for completing this course, based on the certification you have.

Designation	Technical	Leadership	Strategic/Business	TOTAL
PMP®/PgMP®	2.5	1	1.5	5
PMI-RMP®	2.5	1	1.5	5
PMI-SP®	0	1	1.5	2.5
PMI-ACP®	2.5	1	1.5	5
PfMP®	0	1	1.5	2.5
PMI-PBA®	0	1	1.5	2.5

STUDENT RESPONSIBILITIES: Completion of any practice lessons, quizzes, assignments, or tests.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Dates vary (refer to website for current availability).

LEARNING OUTCOMES:

Upon successful completion of this course, learners will be able to:

- Discuss the role of security in software development
- Explain the systems development life cycle and compare its eight stages
- Understand what the operating system is and how it works
- Describe different application and operating environments
- Discuss the role of databases in information security and identify different database types
- Apply several application security controls
- Recognize several software-based attacks and describe methods to guard against them