

Certified Information Systems Security Officer



The Certified Information Systems Security Officer certification course addresses a wide variety and range of industry best practices, experiential knowledge, and core information security competencies expected of every CISO or Security Manager. In this comprehensive course covering 20 distinct, students will be presented with in-depth theories regarding the practical implementation of foundational Information Security concepts. Using a risk-based approach, the student will have the capability to implement and maintain cost-effective security management programs directly aligned with both the business process and industry best practices. Examples of some of the topics covered in this challenging but rewarding course include: Identification, Authentication, and Access Control; Network Protocols, Devices, and Security Architecture; Cryptography, VPN, and Wireless Technology; Database and Software Development Security; and, Security Models and Evaluation Criteria.

Duration: 5 Days

CPE Credits: 40

Course Fee: \$3,000

Learning Objectives

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| 01) Policy and Governance | 11) Network Connections |
| 02) Risk Management | 12) Network Protocols and Devices |
| 03) Security Management | 13) Telephony, VPN's, and Wireless |
| 04) Identity Management | 14) Security Architecture |
| 05) Access Controls | 15) Software Development Security |
| 06) Security Models | 16) Database Security Strategies |
| 07) Operations Security | 17) Malware and Software Attacks |
| 08) Assurance Process Integration | 18) Business Continuity and Disaster Response |
| 09) Symmetric Cryptography and Hashing | 19) Incident Management and Response |
| 10) Asymmetric Cryptography and PKI | 20) Physical Security and Safety |

Hardcopy Training Materials



Course Text / Workbook
Course Lab Manual
Supplemental Handout
Text: Key Security Concepts
Exam Prep Study Guide
USB Drives

Digital Training Materials



Course Text / Workbook
Course Lab Manual
Course Video Series
Exam Prep Study Guide
Exam Simulator
CPE Credit Certificate

Certification examination is included in the course fee.



The Certified Information Systems Security Officer course is a component of the career progression track that supports the following Categories, Specialty Areas, and Work Roles as defined by the **National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework**:

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| Information Systems Security Manager
(OV-MGT-001) | IT Project Manager
(OV-PMA-002) |
| Communications Security (COMSEC) Manager
(OV-MGT-002) | Cyber Workforce Developer and Manager
(OV-SPP-001) |
| Executive Cyber Leadership
(OV-EXL-001) | Cyber Instructor Curriculum Developer
(OV-TEA-001) |

Average Yearly Salary:
\$221,054