CISSO Certified Information Systems Officer

Meet the expert: Kevin is an international author, consultant and international >speaker. He is the official course development writer for ISC2 CISSP, ISACA CRISC

and mile2’s C)ISSO. Kevin has been educating IT professionals for over 30 years. He

also provides cyber security consulting and support services for organizations

around the world. Assisting them with setting up Information Security programs and

addressing areas ranging from in-depth risk analysis to policy creation and security

awareness.

Prerequisites: none

Runtime: 10:40:00

Course description: This Official Mile2® cyber security certification training series covers everything you need to know about becoming a Certified Information Systems Security Officer. Students will learn about risk management, security management, authentication, access control, security models, operations security, symmetric cryptography and hashing, asymmetric cryptography and PKI, network connections, network protocols and devices, telephony, VPNs and wireless, security architecture, software development security, database security and system development, business continuity, disaster recovery, incident management, law, and ethics, and physical security.

Course outline:

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Module 1: Risk and Security
• Risk Management
• Security Management

Module 1: Authentication and Access
• Authentication
• Access Control

Module 1: Models and Operations
• Security Models
• Operations Security

Module 1: Cryptography
• Symmetric Cryptography and Hashing
• Asymmetric Cryptography and PKI

Module 1: Networks
• Network Connections
• Network Protocols and Devices

Module 1: Telephony
• Telephony, VPNs and Wireless
• Security Architecture

Module 1: Software and Database
• Software Development Security
• Database Security and System Development

Module 1: Disaster Recovery
• Malware and Software Attacks
• Business Continuity

Module 1: Incidents
• Disaster Recovery
• Incident Management, Law, and Ethics