2017 PORT SECURITY SEMINAR & EXPO

ISACA/CISM Information Security Management Training for Security Directors/Managers

ISACA

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Agenda

- ❖ Introduction
- ❖ ISACA
- ❖ Information security vs. cybersecurity
- ❖ CISM certification
- ❖ Other security certifications

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Introduction

❖ Michael Podemski, CISA, CISM, CRISC, CIPM, CIPT, is a Senior Manager in the Risk Advisory Services practice of Ernst & Young LLP. He focuses on managing and delivering high-quality IT assurance and advisory engagements, including financial statement audits/internal controls over financial reporting (SOX 404), pre- and post-implementation system reviews, IT audits (co-sourcing), and Service Organization Controls (SOC 1 and SOC 2) reports. He also recognizes that our commitment to service quality extends to bringing relevant insights and industry experiences to his clients. Furthermore, he has been recognized for developing high-performing teams that deliver exceptional client service. Prior to EY, he has over 15 years of experience in IT Internal Audit, IT operations, and IT solutions delivery.

❖ In addition to his role as a senior manager, he is the immediate past president of the Chicago chapter of ISACA where he serves as an advisor to the current president and other board members as well as assist in organizing events, chairing special committees, or researching responses to questions from the board. Besides his role as the immediate past president, he is an instructor for the CISA, CISM, and CRISC certification review courses. In addition to ISACA, he is a Chicago KnowledgeNet co-chair for the International Association of Privacy Professionals.

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ISACA

❖ For nearly 50 years, ISACA has been a pace-setting global organization for information governance, control, security and audit professionals.

❖ As a nonprofit, global membership association for IT and information systems professionals, ISACA is committed to providing its diverse constituency of more than 140,000 professionals worldwide with the tools they need to achieve individual and organizational success. The benefits offered through our globally accepted research, certifications and community collaboration result in greater trust in, and value from, information systems. Through more than 200 chapters established in more than 80 countries, ISACA provides its members with education, resource sharing, advocacy, professional networking, and a host of other benefits on a local level.

ISACA®
Trust in, and value from, information systems

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Information security vs. cybersecurity

❖ Information security deals with information, regardless of its format – it encompasses paper documents, digital and intellectual property in people's minds, and verbal or visual communications.

❖ Cybersecurity is the protection of information assets by addressing threats to information processed, stored, and transported by internetworked information systems.

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Certified Information Security Manager (CISM)

❖ The management-focused **CISM** is the globally accepted standard for individuals who design, build and manage enterprise information security programs. CISM is the leading credential for information security managers.

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Benefits of the CISM certification

❖ Demonstrates your understanding of the relationship between an information security program and broader business goals and objectives

❖ Distinguishes you as having not only information security expertise, but also knowledge and experience in the development and management of an information security program

❖ Puts you in an elite peer network

❖ Is considered essential to ongoing education, career progression and value delivery to enterprises

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Job domains

- ❖ Domain 1—Information Security Governance
- ❖ Domain 2—Information Risk Management
- ❖ Domain 3—Information Security Program Development and Management
- ❖ Domain 4—Information Security Incident Management

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Domain 1—Information Security Governance

❖ Establish and/or maintain an information security governance framework and supporting processes to ensure that the information security strategy is aligned with organizational goals and objectives

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Domain 2—Information Risk Management

❖ Manage information risk to an acceptable level based on risk appetite in order to meet organizational goals and objectives.

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Domain 3—Information Security Program Development and Management

❖ Develop and maintain an information security program that identifies, manages and protects the organization's assets while aligning to information security strategy and business goals, thereby supporting an effective security posture.

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Domain 4—Information Security Incident Management

❖ Plan, establish and manage the capability to detect, investigate, respond to and recover from information security incidents to minimize business impact.

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How to become certified

1. Successfully pass the CISM exam.
2. Adhere to ISACA's Code of Professional Ethics.
3. Agree to comply with the Continuing Education Policy.
4. Work experience in the field of information security.
5. Submit an Application for CISM Certification.

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Other certifications

1. CSX Fundamentals Certificate and CSX Practitioner Certification from ISACA

2. Certified Information Systems Security Professional (CISSP) and Systems Security Certified Practitioner (SSCP) from the Information Systems Security Cert

3. Security+ from CompTIA