



CAMSE Course Syllabus

Course Title: Certified Asset Management Security Expert

Contact Information: [Email: info@iaitam.org , Phone Number: 330.638.3012, Office Hours: 9am – 5pm ET]

Class Schedule: 9am – 4pm, conducted online via Zoom. The time zone will be determined based on the participant's purchase choices.

Course Description

The **Certified Asset Management Security Expert (CAMSE)** course is designed to optimize the role of IT Asset Management professionals in bolstering the organization's information and physical security. This objective is achieved by bridging the divide between ITAM and IT security processes. The course integrates security strategies across ITAM policies, processes, and procedures, thereby leveraging ITAM to augment the security program and enhance applicable governance. Through this course, participants will be exposed to novel perspectives on how the ITAM program intersects with and amplifies security endeavors.

The course sheds light on the symbiotic relationship between IT asset lifecycle management and security initiatives. This interconnectedness is vital, as IT asset lifecycle management constitutes a foundational IT component. By grasping these dynamics, participants gain insights into the roles and responsibilities of individuals tasked with implementing, managing, and overseeing security initiatives within their respective organizations.

Course Objectives

By completing the **Certified Asset Management Security Expert (CAMSE)** course, participants will be able to:

1. **Understand the Scope of IT Security and IT Asset Management (ITAM):** Define the interrelationship between IT security and ITAM, highlighting the critical importance of integrating both disciplines.
2. **Differentiate Between Threat Prevention and Threat Protection:** Distinguish strategies for preventing threats versus protecting assets from existing threats and implement both approaches effectively.
3. **Evaluate Decentralized and Centralized Security Models:** Compare and contrast decentralized and centralized security structures to determine the best fit for organizational needs.
4. **Develop and Implement an IT Security Plan:** Create a comprehensive IT security plan that aligns with organizational goals and ITAM practices.
5. **Understand ITAM's Role in Risk Management:** Leverage ITAM processes to identify, assess, and mitigate risks associated with IT assets.
6. **Integrate ITAM's 12 Key Process Areas (KPA) with Security:** Apply the 12 KPAs of ITAM to enhance IT security efforts, including program management, communication, policy, acquisition, and disposal.
7. **Enhance Program Management with Security Considerations:** Incorporate security measures into program management to ensure ITAM alignment with security objectives.
8. **Strengthen Communication and Education for Security Awareness:** Develop and manage communication strategies and educational initiatives to promote security awareness across the organization.
9. **Implement Policy Management for Security:** Establish, maintain, and enforce policies that incorporate IT security within ITAM frameworks.
10. **Secure Acquisition Management Processes:** Integrate security protocols into acquisition management to minimize risks associated with new asset procurement.

11. **Improve Asset Identification with Security Protocols:** Implement robust asset identification processes that include security tagging and tracking measures.
12. **Develop Secure Disposal Management Practices:** Ensure secure and compliant disposal of IT assets to protect sensitive data and meet regulatory requirements.
13. **Incorporate Security into Project Management:** Embed security considerations into project management practices to safeguard IT assets and processes.
14. **Ensure Documentation Management Supports Security:** Maintain secure documentation practices to protect sensitive information related to IT assets.
15. **Link Financial Management with Security Measures:** Align financial management practices with security objectives to allocate resources effectively and mitigate risks.
16. **Comply with Relevant Legislation for Security:** Understand and adhere to legislative requirements related to IT security and ITAM.
17. **Strengthen Compliance Management with IT Security:** Implement processes to ensure compliance with security regulations and standards.
18. **Enhance Vendor Management with Security Protocols:** Incorporate security considerations into vendor selection, contract management, and ongoing relationships.
19. **Assess Asset Risk Levels:** Evaluate the risk levels of various IT assets and implement tailored mitigation strategies.
20. **Address Program Issues by Asset Type:** Identify and manage security challenges specific to different types of IT assets.
21. **Conduct ITAM Program Security Assessments:** Assess the ITAM program's effectiveness in supporting and enhancing IT security.

Required Materials – Access to Materials provided 48 hours prior to course

- Course book: Certified Asset Management Security Expert
- Presentation: Certified Asset Management Security Expert (CAMSE)
- Student guide to Preparing for Exam Success
- Software/Technology: Computer, internet connection, Zoom Access

Who Should Attend

The CAMSE course is tailored for individuals who have a foundational understanding of ITAM program management within an organization or for IT security professionals seeking to learn how ITAM supports and enhances IT security. This course is essential for IT Asset Managers and other professionals involved in asset management, strategic planning, security programs, or those impacted by or contributing to ITAM and security initiatives.

Schedule – Times are approximate depending on Course Discussion

Time	Topics Covered	Assignments/Exams Due
1 hour	Welcome/Course Expectations, IAITAM Mission, Resources, and Services, What is ITAM?	Heavy note taking
1 hour	Scope of IT Security & ITAM, Threat Prevention vs. Threat Protection, Decentralized vs. Centralized Security, The IT Security Plan	Heavy note taking
1 hour	ITAM's Role in Risk Management, The 12 KPAs & Security, Program Management & Security	Heavy note taking
1 hour	Communication & Education, Management & Security, Policy Management & Security, Acquisition Management & Security	Heavy note taking
1.5 hour	Asset Identification Management & Security, Disposal Management & Security, Project Management & Security, Documentation Management & Security	Heavy note taking
1 hour	Financial Management & Security, Legislation Management & Security, Compliance Management & Security, Vendor Management & Security	Heavy note taking
1 hour	Assessing Asset Risk Level, Program Issues by Asset Type, ITAM Program Assessment for Security	Heavy note taking
4 Hours	Read and Review the CAMSE Manual	Read full Manual
2 Hours	Exam Prep	Review PowerPoint and Preparing for Exam Success Doc.
3 Hours	Exam	3 hour timed exam

Note: Schedule is subject to change.

Grading and Attendance Policy

- Certification Exams: - 3 hours to complete 100 questions. Multiple choice, Single choice, True and false
- Participation: Must participate for the duration of the course and complete attendance link to gain access to exam.
- Grading Scale:
 - Pass - 85% or higher on Exam
 - Fail - below 85% on Exam