Advanced in AI Security Management™ (AAISM™)

An ISACA CERTIFICATION

TRAINING DATASHEET

With the significant potential of artificial intelligence comes new threats and vulnerabilities. ISACA Advanced in AI Security Management™ (AAISM™) is the first and only AI-centric security management certification designed to help experienced IT professionals reinforce the enterprise's security posture and protect against AI-specific threats. You'll be able to manage the evolving security risk related to AI, implement policy, and ensure its responsible and effective use across the organization.

COURSE SYNOPSIS

Advanced in AI Security Management (AAISM) is designed to expand security management professionals' expertise in AI. This credential builds upon existing security best practices to enhance expertise and adapt to the evolving AI-driven landscape, ensuring robust protection and a strategic edge.

AAISM is ISACA's certification designed to supplement certified security managers with the ability to identify, assess, monitor and mitigate risks associated with enterprise AI solutions. Active CISM (ISACA) or CISSP (ISC2) holders can prove their knowledge and skills in security or advisory roles and demonstrate their capability to assess, implement and maintain AI solutions.

This course is designed for intermediate learners from a wide range of industries who want to extend their security management skills to manage AI solutions securely.

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PRE-COURSE READING MATERIALS

There are no pre-course reading materials needed for this course although candidates are encouraged to review the AAISM Review Manual prior to attending the course.

PRE-REQUISITES

This Advanced in AI Security Management™ (AAISM™) course is an intermediate or advanced-level course.

To be eligible for the AAISM certification, you must meet the following requirements: hold an active CISM or CISSP certification.

TARGET LEARNERS

Ideal for Security Managers, Security Architects, CISO/CISO aspirants, and IT Risk Professionals with experience assessing and maintaining AI systems.

AAISM DETAILED COURSE OUTLINE

AI Governance and Program Management

- Stakeholder Considerations, Industry Frameworks, and Regulatory Requirements
- AI-related Strategies, Policies, and Procedures
- AI Asset and Data Life Cycle Management
- AI Security Program Development and Management
- Business Continuity and Incident Response

AI Risk Management

- AI Risk Assessment, Thresholds, and Treatment
- AI-related Strategies, Policies, and Procedures
- AI Vendor and Supply Chain Management

AI Technologies and Controls

- AI Security Architecture and Design
- AI Life Cycle (e.g., model selection, training, and validation)
- Data Management Controls
- Privacy, Ethical, Trust and Safety Controls
- Security Controls and Monitoring

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DURATION

3 Days Instructor Led Classroom Training

COURSE OBJECTIVES

By completing this course, the following Learning Outcomes will be achieved:

- Plan AI security policies, standards, procedures and guidelines to fulfil business-specific security requirements and align with organisational security governance
- Assess AI solution assets and data security against industry recommendations and organisational requirements
- Analyse organisational AI processes / programs for gaps and issues against industry recommendations and relevant requirements
- Apply various security controls for AI solutions in alignment with organisational security governance
- Implement AI security controls with security guidelines for compliance
- Assess effectiveness of AI security controls against organisational requirements and security policies
- Recommend improvements for AI security controls and programs in alignment with organisational security governance

HIGH-LEVEL OUTLINE

The AAISM Course comprises three primary sections, covering the following domains:

- Domain 1: AI Governance and Program Management
- Domain 2: AI Risk Management
- Domain 3: AI Technologies and Controls

AAISM EXAMINATION FORMAT (optional/not included)

- Complex Multiple-Choice Questions.
- 90 questions.
- 2.5 hours duration.
- Scaled Score between 200 to 800 Marks.
- 450 Marks required to pass.

Additional Information

- Certificate of Attendance from Sapience Consulting:
  Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Attendance from Sapience Consulting.

The following information are relevant for candidates who are seeking SSG-funding support for the course:

- Assessments
  Candidates must pass all prescribed tests/assessments and attain 100% competency to be eligible for funding support.
  Mode of Assessment: Written Assessment, Case Study Assessment.
- Statement of Attainment (SOA) from SkillsFuture Singapore:

  After passing the assessment(s), you'll receive a SkillsFuture Singapore Statement of Attainment (SOA) certifying that you have achieved the following Competency Standard(s):
  ICT-SNA-4020-1.1 – Security Governance-4

CONTACT US

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