

# Advanced in AI Audit™ (AAIA™)

An ISACA CERTIFICATION

## TRAINING DATASHEET

AI auditing needs leaders!

ISACA®, the leader in IT audit, introduces the first advanced audit-specific artificial intelligence certification designed for experienced auditors: the ISACA Advanced in AI Audit™ (AAIA™). Building on the skills validated by ISACA's CISA® or those of qualified CIA (IIA), or CPA (AICPA) holders, the AAIA certification empowers auditing professionals to stand up to the challenge and become leaders in the emerging AI future.

## COURSE SYNOPSIS

The Advanced in AI Audit™ (AAIA™) course at Sapience is an intensive, instructor-led program designed to prepare experienced auditors to become leaders in the emerging AI future. As the first advanced audit-specific artificial intelligence certification from ISACA®, this course goes beyond foundational knowledge.

Building on the expertise of CISA®, CIA (IIA), or CPA (AICPA) holders, the program empowers auditing professionals with the skills to confidently evaluate the proper governance, design, development, and security of AI solutions within an enterprise.

The course is structured to align with the AAIA job practice, featuring a variety of knowledge checks, case studies, activities, and discussions. This ensures you can apply complex AI audit concepts to real-life business scenarios, preparing you to lead audit and assurance activities in an AI-driven environment.

## PRE-COURSE READING MATERIALS

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

## PRE-REQUISITES

This Advanced in AI Audit™ (AAIA™) course is specifically designed for experienced audit professionals looking to expand their audit capabilities into the specialized domain of AI, ensuring proper governance, design, development, and security of AI solutions.

This program is ideal for individuals who meet the following criteria:

- ▲ Active CISA, CIA (IIA), or CPA (AICPA) Holders: Professionals who possess a foundational certification in audit or accounting, indicating a strong understanding of audit principles.
- ▲ Proven Experience in IT Audit or IT Advisory Roles: Individuals with established experience in auditing information technology systems or providing IT-related advisory services.
- ▲ Some Expertise in Auditing, Assessing, Implementing, and Maintaining AI Systems: Professionals who already have a degree of familiarity or direct involvement with AI systems in an audit, assessment, implementation, or maintenance capacity.

## AAIA DETAILED COURSE OUTLINE

### AI GOVERNANCE AND RISK

- ▲ AI Models, Considerations, and Requirements
- ▲ AI Governance and Program Management
- ▲ AI Risk Management
- ▲ Privacy and Data Governance Programs
- ▲ Leading Practices, Ethics, Regulations, and Standards for AI

### AI OPERATIONS

- ▲ Data Management Specific to AI
- ▲ AI Solution Development Methodologies and Lifecycle
- ▲ Change Management Specific To AI
- ▲ Supervision Of AI Solutions
- ▲ Testing Techniques For Ai Solutions
- ▲ Threats And Vulnerabilities Specific To AI
- ▲ Incident Response Management Specific To AI

### AI AUDITING TOOLS AND TECHNIQUES

- ▲ Audit Planning and Design
- ▲ Audit Testing and Sampling Methodologies
- ▲ Audit Evidence Collection Techniques
- ▲ Audit Data Quality and Data Analytics
- ▲ AI Audit Outputs and Reports

## DURATION

3 Days Instructor Led Classroom Training

## COURSE OBJECTIVES

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

- △ Design compliance organizational auditing program and processes for AI solutions, in alignment with organization's strategy, internal and external requirements
- △ Evaluate audit results of AI solutions to identify gaps and non-compliance in business and IT operations
- △ Recommend improvements for compliance processes to strengthen the organization's internal controls in auditing programs for AI solutions

## HIGH-LEVEL OUTLINE

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

- △ Domain 1: AI Governance and Risk (33%)
- △ Domain 2: AI Operations (46%)
- △ Domain 3: AI Auditing Tools and Techniques (21%)

## AAIA 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-4001-1.1 – Audit and Compliance

## CONTACT US

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