



AI Enabled Coordinated Assurance

Certification



Executive Summary

The AI Enabled Coordinated Assurance certification empowers audit, risk, governance, and compliance professionals to apply AI for more integrated and efficient assurance practices. Developed in collaboration with industry experts and aligned with IIA Global Internal Audit Standard 9.5 (2025), this program equips participants to enhance collaboration, minimize duplicated assurance efforts, and strengthen governance transparency using AI. Learners will explore assurance mapping, AI governance frameworks (ISO/IEC 42001, NIST AI RMF, EU AI Act), and generative AI tools that streamline coordination and reporting.

Prerequisites

- **Basic understanding of AI concepts:** Familiarity with AI fundamentals and applications.
- **Knowledge of risk management frameworks:** Understanding core risk and governance principles.
- **Experience in audit or compliance roles:** Practical exposure to audit or compliance processes.
- **Familiarity with assurance processes:** Knowledge of assurance mapping and workflows.
- **Awareness of AI governance standards:** Understanding ISO, NIST, and EU AI regulations.

Exam Blueprint

Number
of Questions

50

Passing
Score

35/50 or 70%

Duration

90 Minutes

Format

**Online via AI
Proctoring platform**

Question Type

**Multiple Choice/Multiple
Response**

Exam Overview

Module	Weight
Introduction to Coordinated Assurance	13%
The Role of AI in Enhancing Collaboration	16%
Using AI for Assurance Mapping and Reliance	16%
Enforcement & Model Integrity	16%
Case Study – Implementing AI in Coordinated Assurance	13%
Toolkits & Automation	13%
Conclusion – Building Trust and Governance Across Functions	13%
	100%



AI Enabled
Coordinated
Assurance

Certification Modules

Module 1

Introduction to Coordinated Assurance

1.1 Foundations and Importance of Coordinated Assurance

1.2 Roles of Assurance Providers and Stakeholders in
Coordinated Assurance

1.3 Standard 9.5 and Governance Expectations

Module 2

The Role of AI in Enhancing Collaboration

2.1 AI's Impact on Data Integration and Communication

2.2 Overview of Key AI Technologies for Assurance

2.3 Collaboration Use Cases Enabled by AI

2.4 Risk in AI Utilization

Module 3

Using AI for Assurance Mapping and Reliance

3.1 Identifying Overlaps and Gaps with AI

3.2 Introduction to Integrated Assurance Mapping

3.3 Reliance Strategies and AI

Module 4

Enforcement & Model Integrity

4.1 Securing AI Systems Post-Deployment

4.2 Model Integrity and Auditing

4.3 Cryptographic Integrity Protections (Hash Validation & Signature Rotation)

4.4 Side-Channel Attack Scenarios on Model Checkpoints, Quantized Models, and GPU Memory

4.5 Guardrail Testing Patterns for Automated Prompt Sanitization

4.6 Separation of Duties & Dual Control for High-Risk AI Models

4.7 Evaluation Guidance for Model Behavior Consistency

4.8 RSAIF Mapping, GRC Interpretation, and Evidence Requirements

4.9 Introducing Dual Lab Paths and a Tools Capability Matrix

4.10 Hands-On: Implementing RBAC for Secure AI APIs (Dual Lab Path)

4.11 Knowledge Check

Module 5

Case Study – Implementing AI in Coordinated Assurance

5.1 Case Study – Implementing AI in Coordinated Assurance

5.2 Introduction to Ethical Considerations in the Case Study

5.3 Overview of Case Outcomes

Module 6

Toolkits & Automation

6.1 Introduction to AI Security Tools

6.2 Automating AI Security and Compliance

6.3 Hallucination Monitoring and Scoring mechanisms

6.4 Architecture of Automated Compliance Pipeline

6.5 Automated Rollback Workflows, Drift Alerts, and Scheduled Red Teaming

6.6 Cross-Model Validation for Multi-Model AI Systems

6.7 GPU Runtime Observability and Isolation Requirements

6.8 Introduction: AI Security Automation Stack

6.9 Expanding AI Security Tool Categories

6.10 Tool Selection Criteria and Capability Matrix

6.11 Real Automation Workflow & Evidence Generation

6.12 Hands-On Lab

Module 7

Conclusion – Building Trust and Governance Across Functions

7.1 AI Governance Frameworks and Controls (in Coordinated Assurance)

7.2 Trust, Transparency, and Ethics in AI-Enabled Assurance

7.3 Measuring Assurance Effectiveness (Metrics, KRIs, KPIs, and Continuous Improvement)

7.4 Conclusion and Next Steps

Certification Outcome

Upon completing the AI Enabled Coordinated Assurance certification, learners will be proficient in integrating AI-driven solutions into audit, risk, governance, and compliance practices. They will be equipped to enhance collaboration, minimize duplicated efforts, and improve governance transparency through AI technologies. Learners will gain expertise in assurance mapping, AI governance frameworks (ISO/IEC 42001, NIST AI RMF, EU AI Act), and generative AI tools to streamline coordination and reporting. Graduates will be able to apply AI to optimize assurance practices, drive efficiency, and ensure compliance, positioning themselves as valuable assets in modern assurance and governance roles.



Market Insight

The growing demand for AI in risk management, audit, and compliance highlights the need for professionals skilled in integrating AI solutions. This certification addresses the industry's shift towards AI-enabled assurance practices, empowering individuals to stay competitive in evolving governance frameworks.



Value Proposition

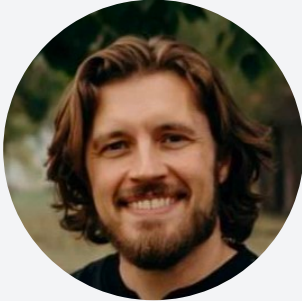
The AI Enabled Coordinated Assurance certification equips professionals with in-demand expertise in AI-driven assurance processes. Learners gain the knowledge to optimize risk assessments, streamline coordination, and improve compliance reporting, empowering organizations to achieve more efficient and transparent governance with AI.



Additional Features

The course includes practical hands-on experience with AI governance frameworks and tools, real-world case studies, and interactive modules. Learners will explore assurance mapping and regulatory guidelines such as ISO/IEC 42001, NIST AI RMF, and the EU AI Act, ensuring comprehensive knowledge.

AI Experts



Jason Kellington

AI Expert

As a consultant, trainer, and technical writer with more than 25 years of experience in IT, I specialize in the development and delivery of solutions focused on effective and efficient enterprise IT.



Justin Frébault

AI Expert

I'm a boutique data consultant specializing in data mesh and lakehouse solutions. I've dedicated my career to helping organizations transform their approach to data, moving beyond mere knowledge.



J Tom Kinser

AI Expert

I have over forty years of experience in software development, data engineering, management, and technical training. I am a Microsoft Certified Trainer and a software developer, holding multiple certifications.



Terumi Laskowsky

AI Expert

Country Manager for Global Consulting Services in Japan, Specialties: Information Security (Compliance, Policy, Application, Host, Network)



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