ISACA Advanced in AI Risk (AAIR)

Duration: 2 Days Course Code: AAIR Delivery Method: Virtual Learning

Overview:

Prepare for ISACA **Advanced in AI Risk (AAIR)** certification.

The ISACA® Advanced in AI Risk™ (AAIR™) certification validates risk professionals' expertise and experience in managing AI-specific risks while harnessing AI's transformative potential for strategic advantage. This credential builds upon established risk management best practices, focusing on the evolving AI landscape to effectively assess and manage risk profiles within organizations by fostering cross-functional collaboration.

Please note:
"The exam is not included with the course. However, the exam voucher can be purchased separately when attending the associated training"
The exam voucher is available only to GK course attendees and cannot be purchased as a standalone product.

Updated September 2026

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This class is intended for the following participants:
- Mid-to-late career risk professionals who hold the prerequisite certifications.
- Senior IT Auditor
- Risk Manager
- Information Manager
- CISO/CRO

Objectives:

- **In this course participants will learn:**
- AI Governance & Risk
- AI Operations
- AI Auditing Tools & Techniques

Prerequisites:

One of the following prerequisites is required:

- ISACA Designation: CISA, CISM, CGEIT, CRISC, CDPSE
- Non-ISACA Designation: CPA , CIA, CISSP
- CISAU - ISACA CISA®, Certified Information Systems Auditor® incl QAE
- CISM - ISACA CISM®, Certified Information Security Manager® incl QAE
- CGEIT - ISACA CGEIT , Certified in the Governance of Enterprise IT incl QAE
- CRISC - ISACA Certified in Risk and Information Systems Control incl QAE

Testing and Certification

Candidates are currently expected to meet the applicable prerequisite requirements before taking the exam. These include recognized certifications such as CISA, CISM, CGEIT, CRISC, CDPSE, ACA, ACCA, ANAN CNA, CA ANZ, Canadian CPA, CERP, CGMA, CGRC, CIA, CISSP, CPA HKICPA, CRCM, CRMA, CRMP, CPA **or other recognized certifications**.

Exam Details

- 90 questions
- 150 minutes
- 10 CPEs of AI-related activity annually

NB: The examen voucher for the official AAIR exam is not included in the course price. However, the exam voucher can be purchased when attending the associated training"

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Certification

- **ISACA Advanced in AI Risk (AAIR)**

Follow-on-Courses:

None

Content:

1: AI Risk Governance and Framework Integration

AI Models, Frameworks, Strategies, and Use Cases

- Types of AI
- AI Frameworks
- Business Use Case and AI Use Case Review
- AI Business Strategies

AI Organizational Processes and Alignment

- AI Governance Fundamentals
- Alignment to Existing Organizational Structures

AI Ownership, Oversight, and Accountability

- AI-related Roles and Responsibilities
- Accountability and AI
- RACI for AI Solutions

AI Policies, Procedures, and Organizational Training

- AI Acceptable Use Policy
- AI Policy Development
- AI Procedures and Manuals
- Organizational Culture and AI Risk Governance
- Elements of Effective AI Training and Awareness

AI Regulatory Compliance and Legal Considerations

- Compliance With Laws and Regulations
- Gaps in Regulatory Coverage
- Mapping Legal Requirements for AI
- Assessing Legal Exposure and Liability for AI Actions
- Intellectual Property Considerations in AI
- Vendor Contract Review

AI Trustworthiness, Ethical and Societal Implications

- Responsible Use of AI Systems 68
- Bias and Fairness
- Transparency and Explainability
- Trust and Safety
- Human Rights and Societal Impact
- Environmental Impact

2: AI Life Cycle Risk Management

AI Design, Development, Procurement, and Documentation

- Plan and Design
- Data Requirements for AI Models
- Procurement of AI Solutions
- Build, Adapt, and Document Models

AI Model Training, Testing and Validation

- Sourcing Datasets
- Validating the Data
- Model Training
- Model Testing and Validation
- Model Performance and Fine Tuning

AI Implementation, Maintenance, and Decommissioning

- AI Deployment and Implementation
- Robustness and Scalability Considerations
- Monitoring and Managing Model Drift
- Change Management in AI Systems
- Decommissioning AI Solutions

AI Data and Asset Management

- AI Asset Inventory
- Data Collection for AI
- Data Classification
- Data Confidentiality
- Data Quality
- Data Balancing
- Data Scarcity
- Data Security
- Data Preparation and Normalization
- Data Minimization and Privacy Considerations

3: AI Risk Program Management

AI Risk Scenario Identification and Assessment

- AI Threat Landscape
- AI Threat Modeling
- Development of AI Risk Scenarios
- AI Risk Classification
- AI Risk Assessment

AI Risk Treatment Strategies

- Accept
- Avoid
- Mitigation
- Transfer/Share

AI Controls Management

- AI Control Types and Control Frameworks
- AI Control Selection and Validation
- Control Performance
- Controls Specific to AI Solutions
- Use of AI in Control Management

AI Risk Metrics, Monitoring, and Reporting

- Risk and Performance Metrics
- AI Risk Reportings

AI Supply Chain Risk Management

- AI Vendor Management
- AI Shared Responsibility Model
- AI Software Supply Chain Risk
- Cloud Computing Risk in AI Supply Chains

AI Incident Response, BIA, Business Continuity, and Disaster Recovery

- AI Business Impact Analysis
- Prepare
- Identify and Report
- Assess
- Respond
- Post-incident Review

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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