Identity and Access Management (IAM) Governance Training Course

Professional Development Training Course Outline

Category	Defense and Security	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Identity and Access Management (IAM) Governance is a critical component of modern cybersecurity and IT risk management, enabling organizations to control access to sensitive data, systems, and applications while ensuring compliance with regulatory frameworks. Effective IAM governance establishes structured policies, role-based access controls, authentication and authorization processes, and continuous monitoring to prevent unauthorized access, data breaches, and insider threats. Identity and Access Management (IAM) Governance Training Course equips participants with the knowledge and practical skills required to implement IAM frameworks that align with organizational strategy, regulatory requirements, and industry best practices.

As digital transformation accelerates, enterprises face increasing challenges in managing user identities across hybrid IT environments, cloud platforms, and mobile applications. Participants will explore techniques for centralized IAM governance, privilege management, audit and compliance reporting, and risk mitigation. Through real-world case studies, practical exercises, and hands-on tools, learners will gain insights into designing scalable IAM strategies, implementing robust access controls, and fostering a culture of accountability and security across the organization. By completing this course, participants will be able to protect critical assets, reduce cybersecurity risks, and ensure business continuity.

Programme Curriculum

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Course Objectives

1. Understand the principles and importance of IAM governance in modern enterprises.
2. Develop comprehensive IAM policies and procedures aligned with regulatory requirements.
3. Implement role-based access control (RBAC) and attribute-based access control (ABAC) models.
4. Design effective authentication and authorization strategies for diverse IT environments.
5. Integrate IAM with cloud platforms, on-premise systems, and mobile applications.
6. Apply identity lifecycle management processes including provisioning, deprovisioning, and access review.
7. Utilize IAM tools and technologies for monitoring, auditing, and reporting.
8. Manage privileged access and enforce least privilege principles.
9. Address compliance requirements and implement IAM audit controls.
10. Evaluate risks associated with identity management and access violations.
11. Enhance security awareness and training for employees and stakeholders.
12. Develop incident response strategies related to IAM breaches.
13. Build scalable IAM governance frameworks to support organizational growth.

Organizational Benefits

- Strengthened cybersecurity posture and reduced risk exposure
- Improved regulatory compliance and audit readiness
- Enhanced control over privileged accounts and sensitive data
- Standardized identity lifecycle management across the organization
- Increased operational efficiency through automated access processes
- Reduced risk of insider threats and unauthorized access
- Improved visibility and reporting on access rights and activities
- Enhanced trust and confidence among stakeholders and clients
- Stronger alignment of IT and business objectives
- Scalable IAM governance framework supporting enterprise growth

Target Audiences

- IT security and risk management professionals
- System and network administrators
- Compliance and audit officers
- IAM solution architects and engineers
- IT managers and directors

- Cloud and digital transformation specialists
- Security consultants and advisors
- Governance, risk, and compliance (GRC) professionals

Course Duration: 10 days

Course Modules

Module 1: Introduction to IAM Governance

- Overview of IAM principles and frameworks
- Importance of IAM in cybersecurity and risk management
- Key components of IAM governance
- Regulatory and industry compliance requirements
- Challenges in managing identities across enterprise systems
- Case Study: IAM failure causing a major security breach

Module 2: IAM Policies and Procedures

- Developing and documenting IAM policies
- Establishing roles, responsibilities, and accountability
- Creating standard operating procedures for access management
- Alignment with organizational security strategies
- Communication and enforcement of IAM policies
- Case Study: Policy-driven IAM implementation in a financial institution

Module 3: Role-Based Access Control (RBAC)

- Principles of RBAC and its advantages
- Designing roles and responsibilities
- Role assignment and segregation of duties
- Managing role changes and exceptions
- Monitoring and reviewing role-based access
- Case Study: RBAC deployment in a multinational enterprise

Module 4: Attribute-Based Access Control (ABAC)

- ABAC concepts and use cases
- Defining attributes and access rules
- Integrating ABAC with existing IAM frameworks
- Dynamic access management for cloud and hybrid environments
- Benefits and limitations of ABAC
- Case Study: ABAC implementation for dynamic resource access

Module 5: Authentication & Authorization

- Authentication methods and multi-factor authentication (MFA)
- Authorization processes and access approval workflows
- Single sign-on (SSO) and federated identity management
- Token-based and certificate-based authentication
- Mitigating authentication-related security risks
- Case Study: MFA deployment reducing unauthorized access incidents

Module 6: Identity Lifecycle Management

- User provisioning and onboarding processes
- Managing access changes and role modifications
- Deprovisioning and offboarding processes
- Periodic access reviews and audits
- Automating identity lifecycle tasks
- Case Study: Lifecycle management improvements in a large enterprise

Module 7: Privileged Access Management (PAM)

- Definition and importance of privileged accounts
- Implementing least privilege principles
- Monitoring and auditing privileged activities
- Tools and technologies for PAM
- Risk assessment for privileged users
- Case Study: Preventing insider threats using PAM solutions

Module 8: IAM in Cloud Environments

- IAM challenges in cloud and hybrid infrastructures
- Integration with SaaS, PaaS, and IaaS platforms
- Identity federation and single sign-on
- Access management across multiple cloud providers
- Cloud-native IAM tools and solutions
- Case Study: Securing cloud applications in a financial services firm

Module 9: Identity Analytics & Monitoring

- Continuous monitoring of access and identity activities
- Anomaly detection and risk scoring
- Reporting and dashboards for IAM governance
- Integration with SIEM and security monitoring tools
- Proactive threat mitigation using identity analytics
- Case Study: Detection of suspicious access patterns using analytics

Module 10: Compliance & Audit Management

- IAM compliance requirements for GDPR, SOX, ISO, etc.
- Preparing for IAM audits
- Audit trails and evidence documentation
- Corrective actions for non-compliance
- Continuous improvement through audit feedback
- Case Study: Successful IAM audit and regulatory compliance achievement

Module 11: Risk Management in IAM

- Identifying IAM-related risks
- Risk assessment frameworks and tools
- Mitigating identity-related threats
- Contingency and incident response planning
- Measuring residual risk and mitigation effectiveness

- Case Study: Risk assessment preventing data compromise

Module 12: Security Awareness & Training

- Importance of user awareness in IAM
- Developing training programs for employees
- Phishing, social engineering, and password hygiene
- Reinforcing security culture and accountability
- Metrics to measure effectiveness of IAM training
- Case Study: Reducing security incidents through staff awareness

Module 13: Incident Response & Breach Management

- Detecting IAM breaches and anomalies
- Response procedures and escalation workflows
- Containment, eradication, and recovery strategies
- Communication with stakeholders and regulators
- Lessons learned and post-incident review
- Case Study: Incident response handling a credential compromise

Module 14: IAM Governance Frameworks

- Designing scalable IAM governance structures
- Defining roles, committees, and decision-making processes
- Policy enforcement and oversight mechanisms
- Integration with overall cybersecurity and risk management
- Continuous improvement and maturity models
- Case Study: Enterprise-wide IAM governance adoption

Module 15: IAM Strategy & Roadmap

- Aligning IAM strategy with business objectives
- Developing long-term IAM implementation plans
- Prioritizing initiatives and resources
- Technology and process roadmap for IAM maturity
- Measuring success and continuous refinement
- Case Study: Multi-year IAM strategy implementation in a global firm

Training Methodology

- Instructor-led presentations and guided discussions
- Hands-on exercises and practical IAM scenarios
- Case study analysis and real-world examples
- Group workshops and collaborative problem-solving
- Tool demonstrations and templates for IAM governance
- Action plan development and feedback sessions

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
02 Nov 2026	13 Nov 2026	Online	$2,000
02 Nov 2026	13 Nov 2026	Physical	$3,000
02 Nov 2026	13 Nov 2026	Physical	$6,000
02 Nov 2026	13 Nov 2026	Physical	$6,000
02 Nov 2026	13 Nov 2026	Physical	$12,000
02 Nov 2026	13 Nov 2026	Physical	$9,000
02 Nov 2026	13 Nov 2026	Physical	$12,000
02 Nov 2026	13 Nov 2026	Physical	$12,000

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