ZETLAN TECHNOLOGIES
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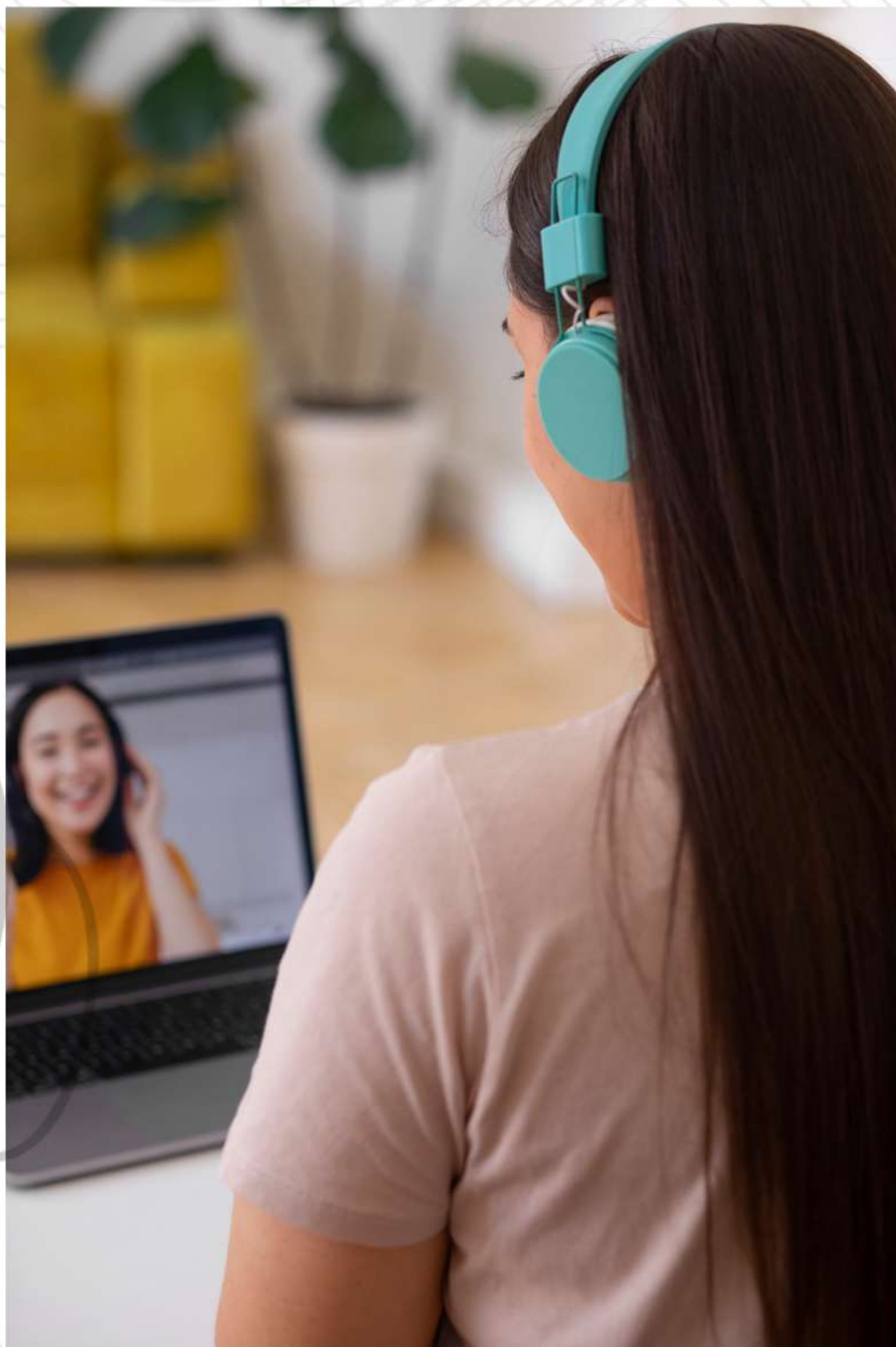Zetlan Technologies

Certified Information Systems Auditor

Online
Course

Course Modules

Information Systems Auditing Process

1. Planning
- IS Audit Standards, Guidelines, and Codes of Ethics
- Business Processes
- Types of Controls
- Risk-Based Audit Planning
- Types of Audits and Assessments

2. Execution
- Audit Project Management
- Sampling Methodology
- Audit Evidence Collection Techniques
- Data Analytics
- Reporting and Communication Techniques
- Quality Assurance and Improvement of the Audit Process

Governance & Management of IT

3.It Governance
- IT Governance and IT Strategy
- IT-Related Frameworks
- IT Standards, Policies, and Procedures
- Organizational Structure
- Enterprise Architecture
- Enterprise Risk Management
- Maturity Models
- Laws, Regulations, & Industry Standards affecting the Organiztn

4.IT Management
- IT Resource Management
- IT Service Provider Acquisition and Management
- IT Performance Monitoring and Reporting
- Quality Assurance and Quality Management of IT

Info Systems Acquisition, Development & Implementation

5.Information Systems Acquisition and Development
- Project Governance and Management
- Business Case and Feasibility Analysis
- System Development Methodologies
- Control Identification and Design

6.Information Systems Implementation
- Testing Methodologies
- Configuration and Release Management
- System Migration, Infrastructure Deployment & Data Conversn
- Post-implementation Review

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Information Systems Operations & Business Resilience

7.Information Systems Operations
- Common Technology Components
- IT Asset Management
- Job Scheduling and Production Process Automation
- System Interfaces
- End-User Computing
- Data Governance
- Systems Performance Management
- Problem and Incident Management
- Change, Configuration, Release, and Patch Management
- IT Service Level Management
- Database Management

8.Business Resilience
- Business Impact Analysis (BIA)
- System Resiliency
- Data Backup, Storage, and Restoration
- Business Continuity Plan (BCP)
- Disaster Recovery Plans (DRP)

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Protection of Information Assets

9.Information Asset Security and Control

- Info Asset Security Frameworks, Standards, and Guidelines
- Privacy Principles
- Physical Access and Environmental Controls
- Identity and Access Management
- Network and End-Point Security
- Data Classification
- Data Encryption and Encryption-Related Techniques
- Public Key Infrastructure (PKI)
- Web-Based Communication Techniques
- Virtualized Environments
- Mobile, Wireless, and Internet-of-Things (IoT) Devices

10. Security Event Management

- Security Awareness Training and Programs
- Information System Attack Methods and Techniques
- Security Testing Tools and Techniques
- Security Monitoring Tools and Techniques
- Incident Response Management
- Evidence Collection and Forensics