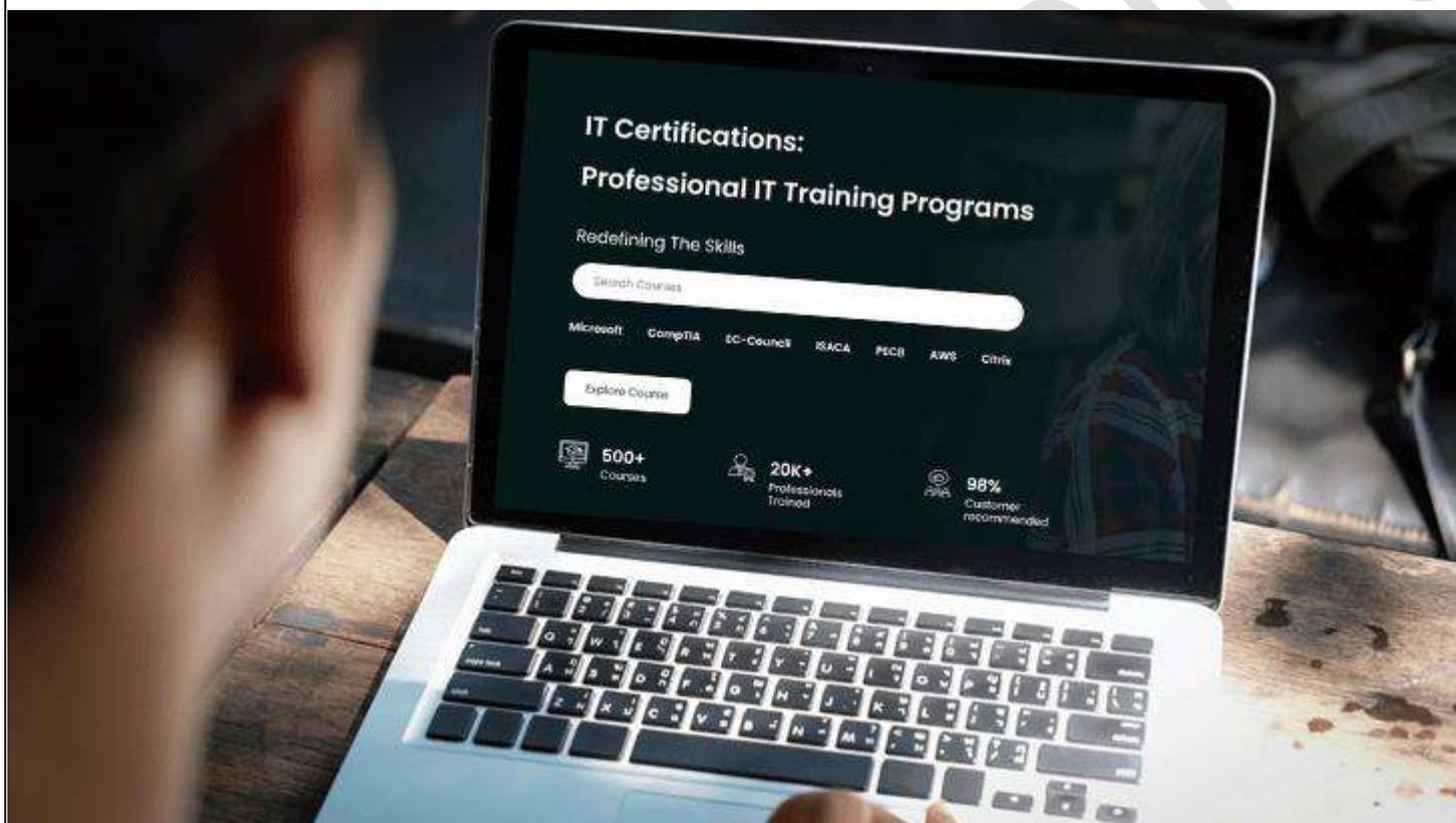




Redefining The Skills



## **CISA – CERTIFIED INFORMATION SYSTEMS AUDITOR PREP COURSE TRAINING**

**Duration: 4 Days**

### **Course Description**

CISA - Certified Information Systems Auditor Prep Course Training provides you with comprehensive coverage on all the CISA exam domains offered by the ISACA (Information Systems Audit and Control Association).

The CISA exam has become very important for IT auditing, security, and control, and an individual with ISACA certification is considered one of the highest authorities in these domains.

This technical course helps professionals gain essential, updated, and accurate knowledge and competitive practice exams to prepare for the CISA examination.

CISA is a high demand certification currently available in the market, and is recognized as one of the best certifications to acquire by top analysts across the globe.

CISA - Certified Information Systems Auditor Prep Course Training is packed with comprehensive knowledge and concepts that are mandatory to crack the CISA certification exam.

This training program is suitable for IT consultants, privacy officers, security, police officers, network security engineers, and system administrators.

### **Who should attend this course?**

This training is attended by those professionals who are working in the profile of IS/IT- Auditors, Consultants, Audit Managers, Non-IT Auditors.

The CISA Certification course is especially for IT professionals having 5 years of experience and are specialized in IS assurance, controlling and security.

### **What you will learn**

- Evaluating IT governance structure by good efficiency.
- Implement and develop risk based IT strategy with other IT reviewed standards.
- Check standards, methods and security policies for the established practices.
- Gain in-depth knowledge and prepare to pass Certified Information Systems Auditor (CISA) Exam.
- Make sure that personnel management assists firm aims and strategies for every IT organized structure.

### **Prerequisites**

- There are no prerequisites for taking this course.

### **Curriculum**

#### **Module 1 - Information System Auditing Process**

- IS Audit Standards, Guidelines, Functions, and Codes of Ethics
- Types of Audits, Assessments, and Reviews
- Risk-based Audit Planning
- Types of Controls and Considerations

- Audit Project Management
- Audit Testing and Sampling Methodology
- Audit Evidence Collection Techniques
- Audit Data Analytics
- Reporting and Communication Techniques
- Quality Assurance and Improvement of Audit Process

#### **Module 2 – Governance and Management of IT**

- Laws, Regulations, and Industry Standards
- Organizational Structure, IT Governance, and IT Strategy
- IT Policies, Standards, Procedures, and Guidelines
- Enterprise Architecture and Considerations
- Enterprise Risk Management (ERM)
- Privacy Program and Principles
- Data Governance and Classification
- IT Resource Management
- IT Vendor Management
- IT Performance Monitoring and Reporting
- Quality Assurance and Quality Management of IT

#### **Module 3 – Information Systems Acquisition, Development, and Implementation**

- Project Governance and Management
- Business Case and Feasibility Analysis
- System Development Methodologies
- Control Identification and Design
- System Readiness and Implementation Testing
- Implementation Configuration and Release Management
- System Migration, Infrastructure Deployment, and Data Conversion
- Postimplementation Review

#### **Module 4 – Information Systems Operations and Business Resilience**

- IT Components
- IT Asset Management
- Job Scheduling and Production Process Automation
- System Interfaces
- End-user Computing and Shadow IT
- Systems Availability and Capacity Management
- Problem and Incident Management
- IT Change, Configuration, and Patch Management
- Operational Log Management
- IT Service Level Management
- Database Management
- Business Impact Analysis
- System and Operational Resilience
- Data Backup, Storage, and Restoration
- Business Continuity Plan
- Disaster Recovery Plans

#### **Module 5 – Protection of Information Assets**

- Information Asset Security Policies, Frameworks, Standards, and Guidelines
- Physical and Environmental Controls

- Identity and Access Management
- Network and End-Point Security
- Data Loss Prevention
- Data Encryption
- Public Key Infrastructure (PKI)
- Cloud and Virtualized Environments
- Mobile, Wireless, and Internet-of-Things Devices
- Security Awareness Training and Programs
- Information System Attack Methods and Techniques
- Security Testing Tools and Techniques
- Security Monitoring Logs, Tools, and Techniques
- Security Incident Response Management
- Evidence Collection and Forensics

#### **CISA Exam Preparation**

- CISA Exam Rules
- Exam Tips
- Day of the Exam
- CISA Certification Steps

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*For any query Contact Us – Microtek Learning*

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