Certified Information Systems Auditor (CISA)

churchillsquareconsulting.virtualinstructorledtraining.com/courses/certified-information-systems-auditor-cisa/

Introduction:

In this course, students will evaluate organizational policies, procedures, and processes to ensure that an organizations information systems align with its overall business goals and objectives.

Objectives:

Upon successful completion of this course, students will be able to: – implement information systems audit services in accordance with information systems audit standards, guidelines, and best practices. – evaluate an organizations structure, policies, accountability, mechanisms, and monitoring practices. – evaluate information systems acquisition, development, and implementation. – evaluate the information systems operations, maintenance, and support of an organization; and evaluate the business continuity and disaster recovery processes used to provide assurance that in the event of a disruption, IT services are maintained. – define the protection policies used to promote the confidentiality, integrity, and availability of information assets.

Course Outline:

1 – The Process of Auditing Information Systems

- ISACA Information Systems Auditing Standards and Guidelines
- Fundamental Business Processes
- Develop and Implement an Information Systems Audit Strategy
- Plan an Audit
- Conduct an Audit
- The Evidence Life Cycle
- Communicate Issues, Risks, and Audit Results
- Support the Implementation of Risk Management and Control Practices

2 – IT Governance and Management

- Evaluate the Effectiveness of IT Governance

- Evaluate the IT Organizational Structure and HR Management
- Evaluate the IT Strategy and Direction
- Evaluate IT Policies, Standards, and Procedures
- Evaluate the Effectiveness of Quality Management Systems
- Evaluate IT Management and Monitoring of Controls
- IT Resource Investment, Use, and Allocation Practices
- Evaluate IT Contracting Strategies and Policies
- Evaluate Risk Management Practices
- Performance Monitoring and Assurance Practices
- Evaluate the Organizations Business Continuity Plan

3 – Information Systems Acquisition, Development, and Implementation

- Evaluate the Business Case for Change
- Evaluate Project Management Frameworks and Governance Practices
- Development Life Cycle Management
- Perform Periodic Project Reviews
- Evaluate Control Mechanisms for Systems
- Evaluate Development and Testing Processes
- Evaluate Implementation Readiness
- Evaluate a System Migration
- Perform a Post-Implementation System Review

4 – Information Systems Operations, Maintenance, and Support

- Perform Periodic System Reviews
- Evaluate Service Level Management Practices
- Evaluate Third-Party Management Practices
- Evaluate Operations and End User Management Practices
- Evaluate the Maintenance Process
- Evaluate Data Administration Practices
- Evaluate the Use of Capacity and Performance Monitoring Methods
- Evaluate Change, Configuration, and Release Management Practices
- Evaluate Problem and Incident Management Practices
- Evaluate the Adequacy of Backup and Restore Provisions

5 – Protection of Information Assets

- Information Security Design
- Encryption Basics
- Evaluate the Functionality of the IT Infrastructure
- Evaluate Network Infrastructure Security
- Evaluate the Design, Implementation, and Monitoring of Logical Access Controls
- Risks and Controls of Virtualization
- Evaluate the Design, Implementation, and Monitoring of Data Classification Process
- Evaluate the Design, Implementation, and Monitoring of Physical Access Controls
- Evaluate the Design, Implementation, and Monitoring of Environmental Controls

Enroll in this course

£3,250.00

Select a start date for your 5 Days course

- 2022-12-19 09:00:00_2022-12-23 17:00:00

- 2023-03-13 09:00:00_2023-03-17 17:00:00

- 2023-06-26 09:00:00_2023-06-30 17:00:00