EC-Council Certified Chief Information Security Officer (CCISO)

Course Details

Course Outline

I. Governance

    A. Information program security management

    B. Information security governance program

    C. Regulatory and legal compliance

    D. Risk management

II. Is Risk, Controls & Auditing Management

    A. Design, Deploy and Manage Security Controls

    B. Security Control Types and Objectives

    C. Implement Control Assurance Frameworks Audit Management

III. Information Security Leadership – Projects & Operations

    A. The role of the CISO

    B. Information security projects

    C. Integration of security requirements into other operational processes (change management, version control, disaster recovery, etc.)

IV. IS Core Competencies

    A. Access controls

    B. Physical security

C. Disaster recovery and business continuity planning

D. Network security

E. Threat and vulnerability management

F. Application security

G. Encryption

H. Vulnerability assessments and penetration testing

I. Computer forensics and incident response

V. Strategic Planning & Finance

A. Security Strategic Planning

B. Alignment with Business Goals and Risk Tolerance

C. Security emerging trends

D. Key Performance Indicators (KPI)

E. Financial Planning

F. Development of business cases for security

G. Analyzing, forecasting, and developing a capital expense budget

H. Analyzing, forecasting, and developing an operating expense budget

I. Return on investment (ROI) and cost benefit analysis

J. Vendor management

K. Integrating security requirements into the contractual agreement and procurement

process

L. Taken together, these five domains translate to a thoroughly knowledgeable, competent

executive information security practitioner