CERTIFICATION ACADEMY

Course Syllabus: CISSP Certification Exam Preparation Bootcamp

Duration: 5 Days

Course Description:
This intensive, fast-paced 5-day bootcamp is designed to help IT professionals prepare for the Certified Information Systems Security Professional (CISSP) examination. The course will delve into the eight domains of knowledge, as outlined by the (ISC)² CISSP Common Body of Knowledge (CBK), providing comprehensive understanding of a wide variety of subjects within the field of Information Security.

Course Objectives:

1. Gain a comprehensive understanding of the 8 domains outlined in the CISSP CBK.
2. Acquire the knowledge and skills needed to pass the CISSP certification exam.
3. Understand the latest security trends and practices in the industry.
4. Apply practical insights and strategies for test-taking.

Day 1: Introduction and Security and Risk Management (Domain 1)
- Course Introduction: Overview, expectations, exam format, and study strategies
- Confidentiality, Integrity, and Availability Concepts
- Security Governance Principles
- Compliance
- Legal and Regulatory Issues
- Professional Ethics
- Security Policies, Standards, Procedures and Guidelines

Day 2: Asset Security (Domain 2) and Security Architecture and Engineering (Domain 3)
- Information and Asset Classification
- Privacy Protection
- Appropriate Retention
- Data Security Controls
- Security Engineering Processes
- Security Models Fundamental Concepts
- Security Evaluation Models

Day 3: Communication and Network Security (Domain 4) and Identity and Access Management (Domain 5)
- Secure Network Architecture Design
- Secure Network Components
- Secure Communication Channels
- Physical and Logical Assets Control
- Identification and Authentication of People and Devices
- Identity as a Service

Day 4: Security Assessment and Testing (Domain 6) and Security Operations (Domain 7)
- Assessment and Test Strategies
- Security Process Data
- Security Control Testing
- Test Outputs
- Operational Resiliency
- Resource Protection
- Incident Management

Day 5: Software Development Security (Domain 8) and Review Session

- Security in the Software Development Lifecycle
- Development Environment Security Controls
- Software Security Effectiveness
- Acquired Software Security Impact
- Comprehensive Review: Key Topics and Exam Strategies
- Practice Examination

Teaching Method:
The course will involve a mix of lecture-style presentations, discussions, case study evaluations, interactive activities, practice tests, and Q&A sessions.

Included Materials:

1. CISSP Official (ISC)² Practice Tests
2. CISSP (ISC)2 Certified Information Systems Security Professional Official Study Guide
3. How to Think Like a Manager for the CISSP Exam