

CISSP® Exam Preparation 5 Day Instructor Led Training



Lantego is offering a 5-day CISSP Examination Preparation course in Tempe, AZ to provide a convenient, affordable, and effective method of preparing attendees to successfully pass the CISSP exam.

CISSP Course Description

Organizations require the expertise of information security professionals to protect critical systems and data. Becoming a Certified Information Systems Security Professional (CISSP)® demonstrates your expertise and qualifications in the field of information security.

The CISSP® Certification. The CISSP certification was developed by ISC2® and is granted to those individuals that can demonstrate adherence to a code of ethics, experience in INFOSEC, and an understanding of ISC2's® Common Body of Knowledge (CBK)®. To qualify for the CISSP® certification you must show 5 years experience in information security, subscribe to a code of ethics, and pass the CISSP® examination. The CISSP is the most widely recognized information security industry certification and is commonly referred to as "the gold standard."

DoD Directive 8570. The Department of Defense now requires that all "Information Assurance" (IA) professionals obtain a recognized INFOSEC certification. This directive applies to DoD personnel identified as IA Technical Personnel (IAT), IA Management Personnel (IAM), and civilians or support contractors performing IA functions. The CISSP® is a DoD approved certification for IAT and IAM.

Lantego CISSP Training. The Lantego CISSP Preparation class is not limited to coverage of the CBK elements, but extends the class effectiveness by drawing on real-life examples, providing charts and worksheets for the application of CBK principles and concepts, memorization techniques for terminology lists, and teaching test taking tips and exam strategies. Lantego CISSP instructors are not only experts at information security but also experts at teaching CISSP exam preparation.

Who Should Attend? The Lantego CISSP® Examination Preparation Class will benefit anyone involved in information security. This course is designed for those preparing to sit for the CISSP® exam: security consultants, IS auditors, system managers, security compliance professionals, privacy officers, information system security officers/managers, network administrators, and security engineers.

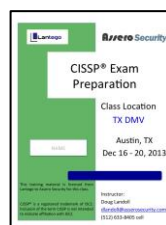
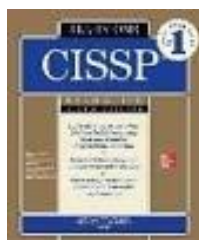
Your Lantego Instructor



Douglas Landoll, CISSP, MBA. Mr. Landoll, author of the best selling "Security Risk Assessment Handbook" will be teaching this course. His ability to prepare students for the CISSP exam is unequal. Mr. Landoll started CISSP exam instruction over 13 years ago, has created the CISSP examination materials for multiple organizations, and has delivered CISSP exam instruction class over 135 times. He is a recognized as a Distinguished Fellow by the ISSA for his outstanding efforts in security education and by his students for the real-world practical experience he brings to the classroom.

Course Materials

Course materials include course slides, S. Harris All-In-One CISSP Exam Guide 6th Edition, and handouts.



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5 Day Instructor Led Training



DAY 1

1. Introduction
 - CISSP requirements
 - CISSP exam and exam process
2. Security Fundamentals
 - Security policies
 - INFOSEC Principles
 - Controls types and areas
3. Access Control Systems and Methodologies
 - Concepts, methodologies, and implementation
 - Detective, corrective, and preventative
 - Centralized and decentralized techniques
 - Risks, vulnerabilities, and exposures

DAY 2

4. Security Architecture and Models
 - Secure OS principles and controls
 - Secure architecture design and modeling
 - Security models: confidentiality, integrity, and information flow
 - Govt. and commercial security requirements
 - Common criteria, ITSEC, TCSEC
 - Technical platforms
5. Disaster Recovery and Business Continuity Planning
 - Business impact analysis, recovery strategies, recovery plan development, and implementation
 - Disaster recovery planning, implementation, and restoration
 - Compare and contrast disaster recovery and business continuity

DAY 3

6. Telecommunications and Network Security
 - Communications and network security
 - Voice communications, data communications, local area, wide area, and remote access
 - Internet/intranet/extranet, firewalls, routers, and network protocols
7. Security Management Practices
 - Organizational security roles
 - Identification of information assets
 - Security management planning
 - Security policy development;
 - Security awareness training
 - Data classification and marking
 - Employment agreements and practices

- Risk management tools and techniques

DAY 4

8. Cryptography
 - Cryptographic concepts, methods, and practices
 - Construction of algorithms
 - Attacks on cryptosystems
 - Ancient cryptography and modern methods
 - Public and private key algorithms and uses
 - Key distribution and key management
 - Digital signature construction and use
 - Methods of attack, strength of function
9. Law, Investigation, and Ethics
 - Computer crime detection methods
 - Computer crime, security, and privacy laws
 - Evidence gathering and preservation methods
 - Investigation methods and techniques
 - Civil, criminal, and investigative law
 - Intellectual property law
 - (ISC)² and IAB ethics application

DAY 5

10. Physical Security
 - Physical hazards
 - Secure site design and selection elements
 - Access control and protection methods
11. Operations Security
 - Resource protection mechanisms and techniques
 - Operation security principles, techniques
 - Information attacks
 - Access Control Subversion
12. Application and System Development
 - System development process and controls
 - System development life cycle, change controls
 - Database structure, concepts, design techniques
 - Object-oriented programming
 - Data warehousing and data mining
13. Review and Q&A Session
 - Review concepts
 - Tips for additional CISSP exam preparation
 - Techniques for scoring well on the exam

