TEXAS A&M UNIVERSITY KINGSVILLE
CENTER FOR CONTINUING EDUCATION

Certified Information Systems Security Professional (CISSP)

80 hours/6 months/Instructor-Facilitated/Certificate Program

Course Code: **CTP-E2G367**

TP#: E2G367 Course Cost: **$3,995.00**

Texas A&M University~Kingsville
In partnership with 360training.com
700 University Blvd
Kingsville, TX 78363-8202
http://www.tamuk.edu/continuinged/
(866)-991-3921 or (361) 593-2861

OVERVIEW

In today's online world, information security has become a critical part of virtually every organization—no matter the industry. The demand for information security professionals is expected to surge, as the forces of "good" and "bad" continue to battle for control and use of online information. You can join the side for "good" when you earn your Certified Information Systems Security Professional (CISSP) certification. Earning your CISSP is a must for cyber security professionals who want to get ahead in this important field.

This Certified Information Systems Security Professional (CISSP) course is an engaging, fully online course that provides in-depth instruction in key areas related to information/cyber security.

OBJECTIVES

Students will develop competencies in the following areas:

- Learn how to handle security and risk management
- Understand asset security
- Know how to implement security engineering
- Realize best practices for communications and network security
- Master identity and access management

How students will benefit:

- Become prepared to work as a Certified Information Systems Security Professional (CISSP)
- Gain hands-on experience in the information/cyber security industry
- Begin a career in information security or broaden your skills if you're already working
- Become more efficient on the job and better able to identify risks

STUDENT SERVICES

STUDENT SUPPORT SERVICES	INSTRUCTOR SERVICES	CAREER SERVICES
Study Groups	Answer Questions	Time Management Assistance
Student Success Calls	Mentoring	Labor Market Information
Study Schedules	24-hour Reply Time	National Certification Information
Technical Support	Industry Information	Externships
Extensions	Exam Reviews and Feedback	Check-in Emails
Leave of Absence	Write Recommendations	Student Feedback Surveys
Transcript Requests	On the Spot Test Results	
Completion Certificates	Progress Emails/Phone Calls	
Student Feedback Surveys	Student Feedback Surveys	

PROGRAM OUTLINE:

Certified Information Security Systems Professional (CISSP)

Module 1: Security and Risk Management

- Security Governance
- Security Policies
- Confidentiality
- Business Continuity
- Legal and Regulatory
- Professional Ethic
- Risk Management

Module 2: Asset Security

- Information Classification
- Handling Requirements
- Ownership
- Data Security Controls
- Protect Privacy
- Retention

Module 3: Security Engineering

- Security Models
- Security Designs
- Engineering Processes
- Vulnerabilities
- Cryptography
- Embedded Devices
- Site Design and Security

Module 4: Communication and Network Security

- Network Architecture Design
- Network Components
- Communication Channels
- Network Attacks

Module 5: Identity and Access Management

- Physical and Logical Assets Control
- Identification and Authentication
- Third-Party Identity Services
- Identity as a Service
- Provisioning Lifecycle
- Authorization Mechanisms

Module 6: Security Assessment and Testing

- Assessment and Test Strategies
- Test Outputs
- Security Control Testing
- Security Process Data
- Security Architectures

Module 7: Security Operations

- Foundational Security Operations Concepts
- Logging, Monitoring and Investigating Activities
- Provisioning of Resources
- Management Processes
- Physical Security
- Preventative Measures
- Business Continuity

Module 8: Software Development Security

- Security in the Software Development Lifecycle
- Development Environment Security Controls
- Software Security Effectiveness
- Software Security Impact

Certified Information Security Manager (CISM)

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