

SENG460

Practice of Information Security and Privacy

Spring 2015

About the Instructor

- Dr. Michael Y Liu, CISSP, CISM
- Email: mliu@uvic.ca
- Course Website:
 - <http://coursespaces.uvic.ca>
 - (Logon with your NetLink credential)
- Office: EOW419
- Office Hour: After Class or By Appointment

Course Objectives

- Students will learn the common knowledge of the information security domains classified by major information security associations
- Students will understand information security requirements and practise in corporate environment
- Students will be able to apply information security theories, models and techniques in solving practical information security problems

*Bonus: Be able to pass CISSP certification exam without paying **\$4,000** training fees*

More About CISSP Certification

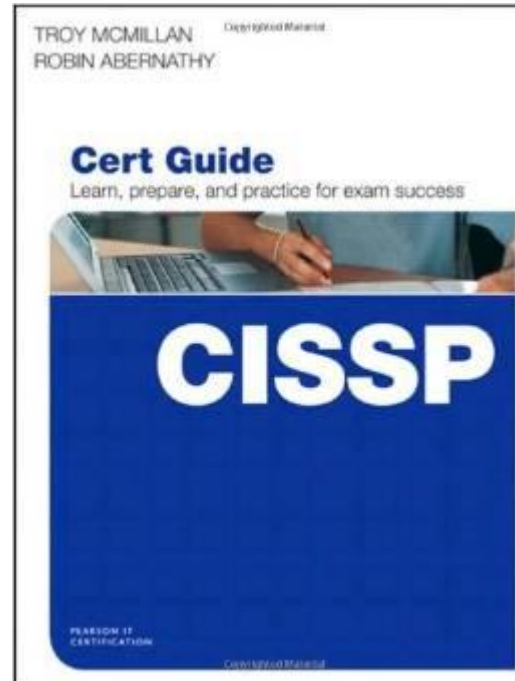
- Issued by the International Information Systems Security Certification Consortium (ISC2)
- Provide a reliable instrument to measure an individual's knowledge of security. This knowledge is not limited to technology issues alone, but to all aspects of security that face an organization
- Recognized globally as a standard of achievement that confirms an individual's knowledge in the field of information security
- Commonly preferred by the following Job functions:
 - Security Consultant
 - Security Manager
 - IT Director/Manager
 - Security Auditor
 - Security Architect
 - Security Analyst
 - Security Systems Engineer
 - Chief Information Security Officer
 - Director of Security
 - Network Architect

Topics

- Access Control
- Telecommunications and Network Security
- Information Security Governance and Risk Management
- Software Development Security
- Cryptography
- Security Architecture and Design
- Operations Security
- Business Continuity and Disaster Recovery Planning
- Legal, Regulations, Investigations, and Compliance
- Physical and Environmental Security

Textbook

Title: **CISSP Cert Guide**
Author: Troy McMillan and Robin Abernathy
Publisher: Pearson IT Certification
ISBN-10: 0789751518
ISBN-13: 978-0789751515
Year: 2013



Grading

- Undergraduate Students
 - Online Quizzes : 10 Quizzes (3% each, 30% in total)
 - Midterm: 1 Midterm 20%
 - Final: 50%
- Graduate Students
 - Online Quizzes : 10 Quizzes (2% each, 20% in total)
 - Midterm: 1 Midterm 20%
 - Project: 10%
 - Final: 50%