

# Certified Information Systems Security Officer

## June 1-5, 2015

This course addresses the broad range of industry best practices, knowledge and skills expected of a security leader as well as the theory and requirements for practical implementation of core security concepts, practices, monitoring and compliance. Through the use of a risk-based approach a certified CISSO is able to implement and maintain cost effective security controls that are closely aligned with business requirements. The Certified Information Systems Security Officer certification was a direct initiative of the DND (Department of Defense of Canada) in cooperation with the DOD (Department of Defense of the United States).

Below are topics covered, but not limited to, during training.

- Risk Management
- Identification and Authentication
- Access Control
- Security Models and Evaluation Criteria
- Operations Security
- Symmetric Cryptography and PKI
- Network Connections
- Network protocols and Devices
- Telephony, VPNs and Wireless
- Security Architecture and Attacks
- Software Development Security
- Database Security and Development
- Malware and Software Attacks
- Business Continuity
- Disaster Recovery
- Incident Management, Law, and Ethics
- Physical Security