

## **Course Outline**

- Introduction to Information Security Concepts and Principles
- Personal Computing Security (Part 1 & 2)
- Network Security
- Laws and Regulations

The course shall include interactive elements (where applicable) such as:

- Definition of Security
- Introduction to IT security issues and impact on individuals and organizations
- Concepts of Cybercrime
- IT security issues pertaining to personal computing devices
- Data integrity and confidentiality
- Safe surfing habits
- Security Issues pertaining to social networking sites
- Social engineering threats
- Identity theft
- Email Security Threats
- Internet Surfing Security Threats
- Malware Infection
- Phishing Attack
- Introduction to networking (wired and wireless)
- Wireless network security (WEP, WPA and WPA2 encryption)
- Computer Misuse Act, Cyber-Security Act & Personal Data Protection Act (PDPA)
- Case studies / Exercises