

<b>Course Name:</b>	Information Security Essentials
<b>Duration:</b>	2 Day
<b>Medium of Instruction:</b>	Cantonese (with terminology and handout in English)
<b>Award of Certificate:</b>	Certificate of Attendance

### **Nature and Objectives:**

Information Security is one of the top issues for modern organizations. The two-day course provides participants with a comprehensive overview of various aspects of information security including security concepts, fundamental principles, security components and risk management in a modern and Internet connected business environment. Through the course, one can understand the basic principles, concerns and technology relating to information security, and the risks they are exposed to if their information and supporting facilities are not properly protected.

### **Who Should Attend:**

IT Practitioners, Security Officers, Auditors and anyone who need to have a comprehensive understanding of information security.

### **Course Outline:**

#### **Introduction**

- Information Technology Basic Concepts
- Common Threat and Cyber Crime
- Computer Security Trends

#### **Fundamental Principles of Security**

- Access Control, Authentication and Authorization
- Asset Identification and Classification
- Cryptography

#### **Manage your Security**

- Principles of Information Technology Security
- Security Architecture and Models
- Information Security Management System
- Security Foundation through Policy
- Risk Assessment and Risk Management

- Security Management Practices

#### **Information Security**

- Common Computer Vulnerabilities
- System and Network Security
- Application Security
- Operation Security
- Personnel Security
- Physical and Environmental Security
- Information Backup and Media Control
- Privacy Regulation that affect Information Security
- Business Continuity Planning
- Intrusion Detection and Monitoring
- Auditing and Logging
- Incident Response and Business Continuity Planning
- Basic Cyber Law and Forensics