Fundamental Information Security (FIS)

Duration 2 Days

COURSE CONTENT

Information security is a very important topic nowadays due to many kinds of threats from the internet. This course introduces basic information security including threats, attacks and TCP/IP weaknesses. Students will gain experience of several types of attacks and how to defend themselves from those threats. This course is recommended for any users who would like to protect themselves from cyber threats.

COURSE OUTLINE

Day 1

Information Security

- Security Terminology
- Nature of threat
- Computer's security threats

Common attack

- Think like a hacker
- Reconnaissance attack
- Sniffering
- Protocol attack
- Application attack
- Password attack
- Social engineering

Day 2

Mitigation Technique

- Personal firewall design and filtering
- Devices' security design
- Network Security Feature

Wireless LAN security

- Nature of wireless LAN security
- Categories of threat
- How to protect yourself

PREREQUISITES

Students should have a good background in computer and networking systems specifically TCP/IP model. Attending Fundamental Networking course is highly recommended.