

Course Syllabus:

Linux Networking and Security course

Enroll to Excellence

Objectives:

This course is designed for system administrator to manage a series of company-wide Network Services on Linux platform.

Medium:

Cantonese supplemented with English

Prerequisites:

Applicants should have the sound Linux experience and knowledge.

Award of Certificate:

Students who achieve an attendance of 75% or above are qualified for the Attendance Certificate issued by the Department.

Topics include:

- Network Information Service (NIS): NIS Master & Slave Server and Client
- Lightweight Directory Access Protocol (LDAP) Server
- Dynamic Host Configuration Protocol (DHCP) Server
- Network File System (NFS) Server and Client
- File and File System Security, Data Integrity
- Encrypted Communications: PKI, Digital Certificates
- Process and System monitoring
- Service-Based Security (xinetd & tcpwrappers) and Firewalls (iptables)
- Security Tools: Packet Sniffer and Network monitoring: MRTG

Total Hours: 12