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SOHO Networking/ Wireless Networking/ Internet Security in Win XP Environment

(aka CompTIA Network+ / IC3 – Living Online)

SDF Course Code : 00087 (IC3 Only)

Course Objective:

This course aims to teach from scratch networking theory and network implementation specially designed for Small Office, Home Office and home networking environments. At the end of the course candidates will acquire the skill sets to install, configure, and troubleshoot basic networking and wireless networking.

Who Should Attend?:

Individuals who are keen in networked and wireless network implementation & troubleshooting. The course is ideal for beginners and user, teachers and/or students new to networking. Participants are able to set up Internet Sharing Network, Sharing files and setting up of network printers and understand the security hazards and measures to take when surfing internet, internet banking and carry out transaction over internet.

Certificate Of Attendance:

Certificate Of Attendance will be awarded to students completing the course achieving minimum 75% attendance.

Training Methodology & Materials:

- Practical hands-on sessions to enhance networking concept.
- Well-designed lab sessions to enhance further understanding of the courseware.

Training Duration:

Part-time: 12 sessions
6.30pm-10.30pm (twice a week)
Full-time: 5 weekdays or 5 Sats
9.00am – 6.00pm

Course Training Fee :

Course Fee : S\$480 excluding IC3 / CompTIA Exam
Regn Fee : S\$30
SDF & SRP grants available. Please contact our Customer Service for more information.

DETAILED COURSE OUTLINE

Networking Computer and Terminologies Module:

- Networking Fundamentals and Concepts
- Networking Terminologies
- Network Equipments Eg. Switches and routers, UTP cables
- Understanding Network Media
- Cramping of Network Cables
- Setting up Networking using Windows XP Pro Network neighbor
- Setting up of User accounts in Windows XP Pro
- Setting up of Groups in Windows XP Pro
- Sharing of Files
- Sharing of Printers
- Permissions in Windows XP
- Setting of Permissions in Windows XP Networking

Internet, Email and Search Engine Module:

- Identify different types of information sources on the Internet
- Be able to use a Web browsing application
- Be able to search the Internet for information
- Identify how to use an electronic mail application
- Identify the appropriate use of e-mail and e-mail related "netiquette"

Internet Setup, Connectivity, Troubleshooting Module:

- Setting up of Networking Computers to connect to Internet
- Understanding Internet and TCP/IP Protocols
- Understanding IP Address
- Setting up Sharing Internet Connection using Router
- Troubleshooting Connectivity to Internet Eg Email or Web not able to connect

Internet Security Module:

- How safe to surf unlimited broadband?
- Understanding Security of the Internet.
- What is Trojan Horses, Spyware, Virus, Adware, Keyloggers, Worms? How do they compromise our PC/Networks.
- How to remove Trojan Horses, Spyware, Virus, Adware, Keyloggers, Worms, etc.
- How to use Windows XP built-in Security features.
- Implementing Security when surfing the Internet.
- What are the things to do to minimize security risks when surfing the Internet, E-banking, E-commerce,etc

Wireless Networking Module:

- Wireless Networking Fundamentals and Concepts
- Wireless Networking Equipments (Wireless Card, Access Points,etc)
- Wireless Networking Terminologies (Eg Service Set, SSID, Infrastructure Network, Ad-hoc networks)
- Setting up Wireless Networking using Wireless Card, Access Points
- Wireless Networking range, frequency channels and other placement considerations
- Security in Wireless Network (Is it Safe to deploy a wireless network?)
- How to make sure there is security in your Wireless Network.
- How to locate Wireless HotSpot (Eg surf in Cafes, McDonalds, TCC, Changi Airports, etc)
- How to scan for neighbour Wireless Network (Site Survey).
- Other factors you should consider when deploying wireless network

