

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

Practical Internet

Course Description:

The object of this course is to provide delegates with an awareness and understanding of the Internet through instruction and hands-on sessions. At the end of the course, delegates will appreciate the value of the Internet, understand how to access the Internet, and make use of facilities such as FTP sites, electronic mail and Web pages.

Pre-requisites:

Delegates should be familiar with the basic principles of computing. A knowledge of basic data communications and Microsoft Windows would be advantageous.

Course Content:

- **Introduction to Networking**
 - Network concepts and terminology (LANs and WANs)
 - Serial networking (SLIP, PPP)
 - Internet protocol (IP) and Domain Name System (DNS)
 - What is the Internet?
- **Internet access hardware and media**
 - Hardware: Modems, Terminal adapters, routers
 - Media: PSTN, ISDN, KiloStream
- **Service Providers**
 - Demon, Tsp, Pipex, etc...
 - The InterNIC (Registering addresses)
- **Internet Access Software**
 - 3rd party diallers (Trumpet, AOL, WinCIM, Chameleon etc)
 - Windows 95, NT dial-up networking, Connecting from Unix systems
 - Connecting using routers (LAN software)

21a Peach Street Wokingham Berkshire RG40 1XJ

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Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 - VAT registration No:532 1929 56

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- **Internet Services**
 - Electronic mail, newsgroups
 - File Transfer Protocol (FTP) and HyperText Transfer Protocol (HTTP)
 - Internet databases: WAIS, archie, gopher, WWW search databases
- **Security**
 - Login authentication: TTY based, PAP, CHAP
 - Firewalls and proxy
- **Creating a Web page**
 - Writing HTML scripts, introduction to Java.

Course Duration:

1 Days

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