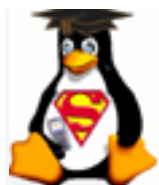


Competitor prices: CLP £1,895.00 (ex. VAT) for four days
Others range £ 1600 - £ 900
Cheapest approx £ 900 (ex.vat) for 4 days



KCC DataCommunications

PROS= good, basic Data Communications

CONS= mainly open standards ip and 'standard Cisco equipment', although there is the option to customize this training to suit your own environment and equipment

Overview

KCC FLEX training allows the ultimate control in your training schedule. Training can be split into weekdays or weekends and time can be taken between training to suit your requirements and/or review the material. Classes are limited to a maximum of five students and students are graded into classes to ensure equal ability groups = minimum delays. Students have dedicated equipment and do not need to share PC, routers and switches. Training is conducted in modern office environments or training rooms with air conditioning and refreshments/lunches are provided.

The Instructors are of 'CCIE level' with over 10 years experience in the real world, not only to teach to achieve certification, but also to teach to improve practical and 'on-the-job' abilities.

In this training you will interconnect voip networking devices, test and modify scenarios, diagnose and repair faults and practice configuration changes. You will become familiar with VoIP products and protocols.

Pre-Requisites - Previous DataComm or Cisco FLEX training AND/OR you should also be very familiar with networking topics such as TCP/IP, IP configuration, the OSI & TCP/IP models, open standards VoIP protocols, SIP, SCCP, MGCP, H323 and be very proficient at calculating ip addresses, masks and sub-nets.

Target Audience - System Engineers, Network Engineers, Design Engineers wishing to design, implement, rollout and troubleshoot VoIP in their environment. This training can be CUSTOMIZED to allow for bespoke content covering your required hardware and VoIP environment. This is not recommended for folks new to networking !

Objectives

At the end of the course you will be able to;-

- Describe the basic operation, protocols, components involved in a Data Communications Network
- Describe the basic functional blocks within a network
- Identify major network components and the Open System Interconnection (OSI) & TCP/IP reference models
- Understand cabling requirements for device connectivity
- Understand layer-2 addressing and its limitations
- Describe differences between hubs, switches and routers
- Understand packet flows and delivery process
- Rapidly calculate and manage the IP Address space for an enterprise
- Describe issues related to traffic levels on Ethernet LANs and identify switched LAN technology solutions
- Describe the reasons for extending LAN reach (CSMA/CD) and methods that can be used
- Describe the reasons for connecting networks with routers and how routed TCP/IP networks transmit data
- Describe the function of Wide Area Networks (WANs), major devices on the WANs
- Describe static and dynamic routing
- Describe NAT/PAT
- Configure, verify and troubleshoot RIP routing
- Troubleshoot LAN and Wan issues
- Use the command-line interface to discover neighbours on terminals, routers and switches
- CUSTOMIZE with your own requirements to match your environment