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

KCC IP TECHNOLOGIES

PROS= good grounding for engineers

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. Training is conducted in modern office environments or training rooms with air conditioning and refreshments/lunches are provided.

The Instructors all have 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 become familiar with IP ADDRESSING, LAN and WAN technologies, connectivity, cabling, interfaces and protocols relevant to today's equipment.

More and more industries are now using IP communications to connect and manage their equipment…. alarm systems, multi-media, television distribution, security, telephony, automation, education, medical systems, automotive electronics ….. just about any electrically power device now can be connected using IP. Engineers working in these industries NEED to update their skills to understand the IP Technologies.

Pre-Requisites - a good PC literacy… No previous DataComm or Cisco FLEX training just a keen interest in the latest IP technologies.

Target Audience - Electrical Installation Engineers, Automation Design Engineers Implementation & Installation Engineers, anyone wishing to learn about the 21st century communications networks, implement, rollout and troubleshoot IP connected devices in their environment. This training can be CUSTOMIZED to allow for bespoke content covering your required hardware and environment.

Objectives

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

- Describe how IP enabled devices can be connected and configured
- Describe the basic operation, protocols, components involved in a IP 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
- Rapidly calculate and manage the IP Addresses
- 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 and connectivity through the Internet
- Troubleshoot IP device connectivity issues
- CUSTOMIZE with your own requirements to match your environment