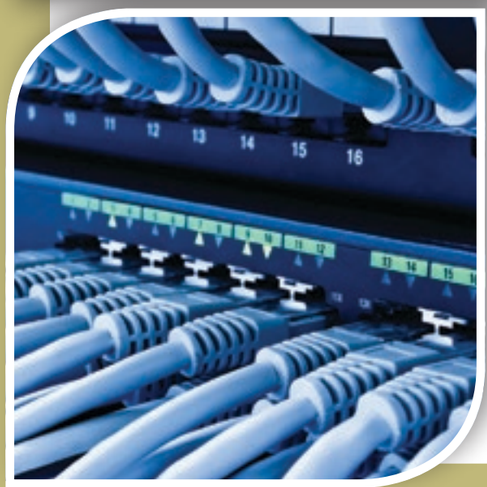
Practical IP COURSE COM 8

Traditionally, IP has been used extensively to transmit data. Now to a host of driving forces, IP is seen as the answer to the transmission not only of data but also voice and video - in today's world and for the foreseeable future.

This practical course looks at IP and its associated protocols in the world of CCTV as well as how it is utilised in 'real-life' applications in the security arena. In addition, we discuss many of the issues that need to be addressed when using - or considering the use of - IP.



What you will learn

- How to configure an IP network
- How to use sub nets effectively
- The roles of TCP & UDP in the transportation of CCTV images
- The key differences between IPv4 and IPv6
- How to trouble shoot IP Networks
- How to use tools and utilities successfully
- How to understand bandwidth limitations
- How Quality of Service (QoS) can be implemented
- How routers make routing decisions.

Tavcom Training

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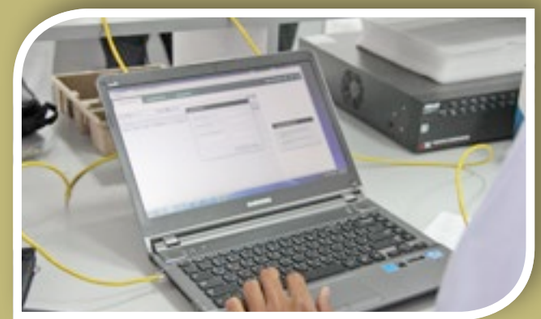
Course details

- Basic theory of TCP/IP and UDP
- Migration from analogue to digital
- Subnet masking - a practical view
- Internet security
- Firewalls
- Wireless technologies
- Protocols and their operational status
- Physical connections - coax, UTP, cable and fibre
- Compression techniques explained
- Quality of service
- TCP, header, ports and windows
- Setting up IP cameras, domes and codec
- RIP and OSPF technology explained
- Using VBR and CBR
- Network management
- Calculating bandwidth
- Group workshops
- Short evening projects



Who should attend?

This course is open to all those who are responsible for installing, configuring or maintaining IP Networks.

How you will benefit

This excellent blend of workshop and classroom training will prepare you for challenging 'real world' situations in the modern security systems industry.

BTEC from Edexcel