

# DESIGNING NETWORKS FOR SECURITY

**BTEC**  
ADVANCED AWARD

This advanced training course, including IP and IP addressing, Ethernet, routers and routing, enables delegates to understand the issues involved in integrating security systems and data networks.

Learn how to design and install dedicated resilient IP networks for security systems on this advanced IP networking course.

## COURSE CONTENT

- ▶ Design and Configure IP Infrastructures
- ▶ Power Over Ethernet (POE) limitations and design
- ▶ Configuring DSL lines and routers for remote access
- ▶ Configure VLANs and managed switches - Manufacturer differences
- ▶ Understanding Unicast and Multicast
- ▶ Port numbering and using port forwarding
- ▶ Adding security to the network
- ▶ Testing the network
- ▶ Program adaptive security appliances
- ▶ Configuring routers using different routing protocols
- ▶ IPv4 - Full understanding, variable length subnets
- ▶ OSI Layers and control information
- ▶ Network diagnostics
- ▶ IPv6 understanding

“ Perfect amount of knowledge. Really excellent approach to presenting this knowledge. ”

OCS GROUP UK LTD DELEGATE

## COURSE COST, DURATION AND AWARD



**BTEC Level 4** (optional)  
Networking Technology  
for Security Systems



5 Days



**£1450** + VAT includes  
Tavcom Certification. \*\*BTEC  
Certification is optional at an additional  
cost of £115 + VAT\*\*