PRACTICAL CCTV INSTALLATION

This complete CCTV installation course offers a superb blend of 'need to know' classroom theory and 'hands on' practical experience. Over 5 days we will provide you with the necessary knowledge and skills to work effectively in the electronic security and video surveillance sector.

From cabling to the latest HD analogue and IP integration techniques, this 5 day course is the perfect choice if you are looking to enter the exciting world of CCTV installation. Everyone is welcome, no prior knowledge is required.

The course carries a BTEC Advanced Award – a respected qualification for anyone seeking career opportunities in the electronic security sector.

WHAT YOU WILL LEARN

▶ HD Analogue and IP CCTV solutions

▶ How to install and configure a range of High Definition (HD) CCTV solutions

▶ HD Analogue solutions including AHD, HDCVI and HDTVI

▶ How to install mega-pixel, varifocal and fixed lenses

▶ How to measure light for all aspects of CCTV installations

▶ How to set up a range of cameras including True Day Night (TDN) and fully functional domes

▶ How to configure digital recording devices

▶ How to utilise and terminate a range of transmission media

▶ How to use test equipment effectively

Tavcom *Training*

:::BTEC
ADVANCED AWARD

COURSE CONTENT

Learn how to install and configure Video Surveillance Systems. On this practical course you will install a complete CCTV system using both High Definition (HD) Analogue and IP equipment from leading manufacturers.

- ▶ Basic CCTV theory
- ▶ Analogue to Digital evolution of CCTV
- ▶ Setting up and back focusing cameras
- ▶ Selecting and applying appropriate lenses and filters
- ▶ Understanding different lighting parameters for CCTV cameras
- ▶ Practical lens calculations and the Operational Requirement
- ▶ Remote connectivity to VSS
- ▶ Configuring video recording systems
- ▶ Selecting, connecting and installing cables
- ▶ Use of service monitors and other test equipment
- ▶ Commissioning, fault finding and routine maintenance
- ▶ Common camera features and their application
- ▶ Setting up and programming fully functional dome cameras
- ▶ Video analytics and their use
- ▶ Using launch and equalising amplifiers to extend transmission distances
- ▶ Fibre optic transmitters and receivers
- ▶ Setting up display screens
- ▶ British and International standards for video surveillance
- ▶ Health and Safety
- ▶ Practical workshops and short evening projects

“ *Very good delivery with a superb blend of practical and theory.* ”
BLUE MOUNTAIN GROUP DELEGATE

COURSE COST, DURATION AND AWARD

BTEC Level 3 (optional)
Principles and Practices of CCTV Systems

5 Days

£1295 + VAT includes
Tavcom Certification. **BTEC Certification is optional at an additional cost of £95 + VAT**