PRACTICAL CCTV INSTALLATION

The 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

- How to configure High Definition (HD)
- Analogue and IP CCTV solutions
- How to install a range of High Definition (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

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.

- The basic theory of television and CCTV
- The foundations of digital CCTV and IP
- Setting up, back focusing and zoom tracking cameras
- Selecting and applying appropriate lenses and filters
- Understanding different lighting parameters for CCTV cameras
- Practical lens calculations and the Operational Requirement
- Handling video and data storage media
- Setting up digital video recorders
- Selecting, connecting and installing cables
- Use of oscilloscopes, bar generators and other test equipment
- Commissioning, fault finding and routine maintenance
- Selecting and applying function switches on cameras
- Setting up and programming domes
- Installing cameras over twisted pair
- Using launch and equalising amplifiers
- Fibre optic transmitters and receivers
- Setting up and terminating display screens
- British and European standards
- Health and Safety
- Group 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 Principles and Practices of CCTV Systems
- 5 Days
- £1195 +VAT

WE ALSO OFFER ‘IN-COMPANY’ TRAINING WORLDWIDE VISIT WWW.TAVCOM.COM FOR DETAILS