

# DISTANCE LEARNING COURSES

Distance Learning Introduction	79
CCTV System Design BTEC Level 5 Diploma	80
Security Network Design BTEC Level 5 Certificate	81
CCTV Over IP Networking	82
Intruder and Perimeter Alarm	82
Access Control	83
Electronic Principles	83
Introduction to Fire Safety Awareness and Risk Assessment	84
Body Worn Video	84
Security and Emergency Lighting	85
Essentials Security Practices	85
Bitesize Courses	86

## Distance Learning Introduction

### Welcome to the future of online learning.

With the demand for online training on the rise, more and more students are turning to our tutor-supported distance learning courses to obtain and strengthen their vocational skills.

### Why should you study online?

- You will get the opportunity to obtain recognised accreditation online
- You will receive personal, interactive support throughout your distance learning journey
- You will gain internationally recognised BTEC or Tavcom accredited qualifications

Tavcom Training's online learning allows you to work from anywhere that suits you. It is designed to work around your lifestyle - set up to provide you with as much freedom as you need. Throughout your course, your tutor will be on hand to offer support and guidance to help you gain your chosen qualification.

For more information, please call a member of the team on **+44 (0) 1489 895099** or visit **[www.tavcom.com](http://www.tavcom.com)**





## PROFESSIONAL PRACTICES OF CCTV SYSTEM DESIGN DIPLOMA

**BTEC**  
ADVANCED AWARD

This Tutor Supported online BTEC Level 5 Diploma course consists of 12 interactive tutorial modules, providing you with a vast array of system design projects and assignments to gain that vital 'real world' experience. It also provides a deep underpinning knowledge of the elements that make up a CCTV system that will give you the necessary theoretical subject matter knowledge to undertake a concise and professional CCTV system design.

### COURSE CONTENT

- ▶ Risk assessment and the operational requirement
- ▶ Security lighting
- ▶ Fundamentals of CCTV
- ▶ Cameras
- ▶ Lenses
- ▶ Housings, control equipment and accessories
- ▶ Video transmission
- ▶ Fundamentals of IP
- ▶ Video recording and storage
- ▶ Monitors and display screens
- ▶ Specialist applications: (ANPR and video analytics)

“ All elements of the course were very informative. ”  
NOC DELEGATE

### COURSE COST, DURATION AND AWARD



**BTEC Level 5 Diploma**  
CCTV System Design Practices



370 Hours



£795 inc.VAT

## PROFESSIONAL PRACTICES OF SECURITY NETWORK DESIGN CERTIFICATE

**BTEC**  
ADVANCED AWARD

The Professional Practices of Security Network Design Certificate is the ideal course for those looking to develop a deep understanding of IP and networking issues. Over twelve fascinating modules you will cover the fundamentals of IP, networking and network security. Supported by your own tutor, each module is supported by self assessment questions and on completion of the course there is a final assessment and a detailed project to provide the opportunity for you to put the theory learned into practice.

### COURSE CONTENT

- ▶ Bandwidth and storage
- ▶ The OSI model
- ▶ IP addresses and subnetting
- ▶ IPv6
- ▶ Local Area Networks (LANs)
- ▶ Transmission media
- ▶ Broadband
- ▶ Wi-Fi
- ▶ Routers and routing
- ▶ Network management
- ▶ Security

“ Will definitely use all the information learned in my role. ”  
HMRC DELEGATE

### COURSE COST, DURATION AND AWARD



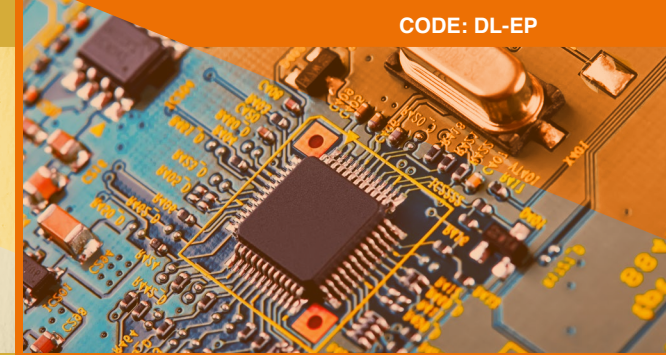
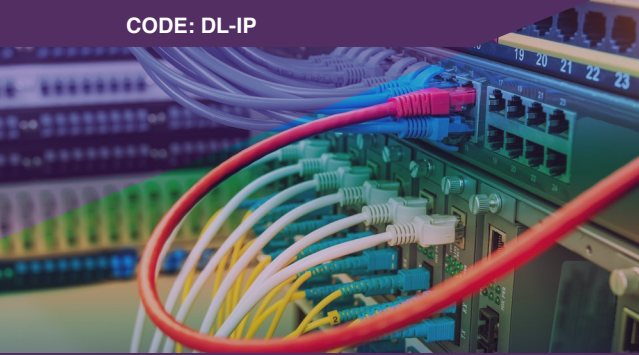
**BTEC Level 5 Certificate**  
Professional Practices of Security  
Network Design



240 Hours



£695 inc. VAT



## CCTV OVER IP NETWORKING

The rapid deployment of IP Networking, HD and Megapixel technologies is only being equalled by their rate of integration with other electronic security systems.

### COURSE CONTENT

- ▶ An introduction to TCP/IP
- ▶ Lighting
- ▶ Cameras and lenses
- ▶ Local Area Networks (LANs)
- ▶ Bandwidth and security
- ▶ IP addresses and subnets
- ▶ Digital video
- ▶ Tools and utilities
- ▶ Recording and storage
- ▶ Transmission

### COURSE COST, DURATION AND AWARD



CERTIFICATE



**Tavcom Certificate**  
CCTV Over IP Networking



30 Hours



£295 Inc. VAT

## INTRUDER AND PERIMETER ALARMS

This intruder alarm online course has been specifically designed to give you the knowledge and understanding required to be able to design cost-effective systems that conform to the relevant international and national regulations.

### COURSE CONTENT

- ▶ What are Intruder and Perimeter alarms Detection Systems
- ▶ Fundamentals of electronic principles
- ▶ Pan European Intruder Alarm Standards
- ▶ Wiring techniques, interconnections and free space transmission
- ▶ Detection devices
- ▶ Control and indicating equipment
- ▶ System signalling
- ▶ PIDS
- ▶ External detection techniques
- ▶ Fault finding and diagnostics

### COURSE COST, DURATION AND AWARD



ADVANCED AWARD



**BTEC Level 3**  
Intruder and Hold Up Alarms  
System Design and Planning



30 Hours



£295 Inc. VAT

## ACCESS CONTROL

This course has been specifically designed to give you the knowledge and understanding required to be able to design cost-effective access control systems that conform to the relevant international and national regulations.

### COURSE CONTENT

- ▶ Standards and surveying
- ▶ Entry phones and single door access
- ▶ Electronic and wireless door locks
- ▶ Door equipment including barriers
- ▶ Hardware, power supplies and cabling
- ▶ Software functionality
- ▶ Fire alarm integration
- ▶ Commissioning

### COURSE COST, DURATION AND AWARD



CERTIFICATE



**Tavcom Certificate**  
Access Control



30 Hours



£295 Inc. VAT

## ELECTRONIC PRINCIPLES

Tavcom's online electronic principles course has been specifically designed for students with little or no knowledge of electronics, and will provide a good fundamental understanding of the basic concepts and electronic principles laws.

### COURSE CONTENT

- ▶ Volts, current and resistance
- ▶ Ohm's Law
- ▶ Electronic symbols and components
- ▶ Series and parallel
- ▶ Alternating and direct current
- ▶ Power supplies and batteries
- ▶ Circuit protection
- ▶ Test equipment and measurement
- ▶ Health and Safety

### COURSE COST, DURATION AND AWARD



CERTIFICATE



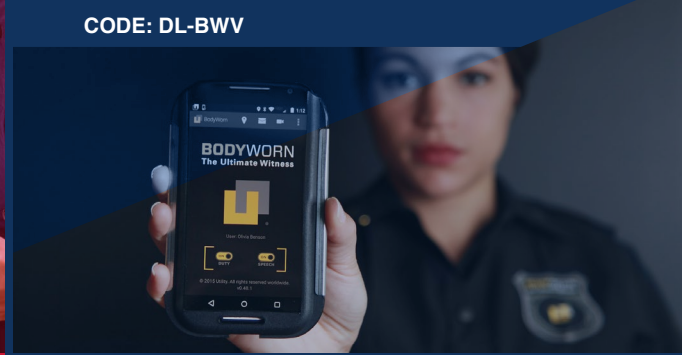
**Tavcom Certificate**  
Electronic Principles



30 Hours



£145 Inc. VAT



## INTRODUCTION TO FIRE SAFETY AWARENESS AND RISK ASSESSMENT

This course also provides an overview of fire alarm systems, conventional and analogue addressable, plus other fire safety related systems such as, emergency lighting, sprinkler systems and extinguishers.

### COURSE CONTENT

- ▶ The Regulatory Reform Order, Fire Industry Standards, bodies and inspectorates
- ▶ Fire risk assessment
- ▶ Fire alarm system design detection types, zones, sound level requirements
- ▶ Installation (theory and practical) conventional and analogue addressable systems
- ▶ Commissioning and handover of systems configuration, testing and documentation
- ▶ Service and maintenance of systems
- ▶ Interfacing with ancillary equipment and integration with other systems

### COURSE COST, DURATION AND AWARD

 CERTIFICATE



**Tavcom Certificate**  
Introduction to Fire Safety Awareness and Risk Assessment



15 Hours



£24.99 Inc. VAT

## BODY WORN VIDEO

With the huge and increasing interest in different surveillance technologies, this online module provides essential training and information for all individuals involved in managing and using Body Worn Video equipment.

### COURSE CONTENT

- ▶ Understanding BWV concept and technology
- ▶ National (policing) guidance and standards
- ▶ Regulatory environment and BWV
- ▶ BWV privacy impact assessments
- ▶ Privacy issues and mitigation
- ▶ Policy development
- ▶ Practical use of BWV equipment
- ▶ Recording guidelines
- ▶ Evidential continuity
- ▶ Professional standards

### COURSE COST, DURATION AND AWARD

 CERTIFICATE



**Tavcom Certificate**  
Intruder and Perimeter Alarms



10 Hours



£24.99 Inc. VAT

## SECURITY AND EMERGENCY LIGHTING

The provision of supplementary lighting is essential to ensure that a CCTV system can capture high quality images day or night, and yet it is major component of a security solution which is quite often overlooked.

### COURSE CONTENT

- ▶ The fundamentals of light including frequency and wavelength
- ▶ Light pollution and energy management
- ▶ Where light should be measured for CCTV cameras
- ▶ Legislation, codes of practice and governing bodies
- ▶ Perimeter, high security and commercial lighting
- ▶ System integration
- ▶ Emergency lighting
- ▶ Automated intelligent lighting systems and photocells

### COURSE COST, DURATION AND AWARD

 CERTIFICATE



**Tavcom Certificate**  
Security and Emergency Lighting



15 Hours



£24.99 Inc. VAT

## ESSENTIAL SECURITY PRACTICES

This Essential Security Practices course comprises 12 modules designed to introduce the essentials of corporate security to those whose core role falls outside that of the typical security manager.

### COURSE CONTENT

- ▶ Security risk measurement and management
- ▶ An introduction to security surveying
- ▶ Perimeter security
- ▶ Physical security of buildings
- ▶ Access management
- ▶ Intruder detection systems
- ▶ Video surveillance systems
- ▶ Procuring and managing security contracts
- ▶ Cyber security
- ▶ Protection against explosive devices
- ▶ Crisis management and business continuity
- ▶ Workplace investigations

### COURSE COST, DURATION AND AWARD

 CERTIFICATE



**Tavcom Certificate**  
Essential Security Practices



Learner's Own Pace



£149.99 Inc. VAT

# BITESIZE COURSES

**Tavcom**  
Training CERTIFICATE

Tavcom's bitesize training courses are the perfect way for you to expand your knowledge of electro technical and electronic security systems.

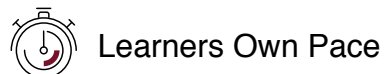
## COURSES AVAILABLE:

- ▶ Lenses explained
- ▶ Video content analysis
- ▶ What is voice over IP?
- ▶ A simple guide to mobile networks
- ▶ Bandwidth and bit rate
- ▶ Cat5, 5e or 6 – What does it mean?
- ▶ IPv4 explained
- ▶ Quality of service in IP networks
- ▶ The bluffer's guide to IPv6
- ▶ Li-Fi
- ▶ Locking mechanisms and turnstiles
- ▶ VSS commissioning
- ▶ Anti-passback – access control
- ▶ Photography – apertures
- ▶ How ANPR cameras work
- ▶ Emergency lighting
- ▶ Detection devices – intruder alarms
- ▶ Video analytics – CCTV
- ▶ Electronic article surveillance
- ▶ A technical guide to optical fibre – pt 1
- ▶ A technical guide to optical fibre – pt 2
- ▶ A technical guide to optical fibre – pt 3
- ▶ What is a VLAN?
- ▶ Local Area Networks (LANs)
- ▶ Fire detection alarm systems
- ▶ 'How does DNS really work?'
- ▶ IP tools and utilities
- ▶ The role of routers

“ All elements of the course were very informative. ”

NOC DELEGATE

## COURSE COST, DURATION AND AWARD



**Tavcom**  
Training

✉ Unit 10 Claylands Park  
Claylands Road  
Bishop's Waltham  
Hampshire SO32 1QD  
United Kingdom

☎ +44 (0)1489 895099

☎ +44 (0)1489 894400

✉ [sales@tavcom.com](mailto:sales@tavcom.com)

🌐 [tavcom.com](http://tavcom.com)