

# PRACTICAL INTRUDER & HOLD-UP ALARM SYSTEM INSTALLATION

Using the latest technology, this practical workshop based course will teach you how to install and commission Intruder and Hold Up Alarm Systems meeting the current British and International standards.

## WHAT YOU WILL LEARN

- ▶ How to install intruder alarm systems
- ▶ How to apply the latest standards and best practice
- ▶ How to measure power supplies and electronic components accurately with the appropriate test equipment
- ▶ How to wire a complete intruder alarm system effectively, efficiently and safely
- ▶ How to programme an intruder alarm control panel
- ▶ How to design a system and prepare a system proposal
- ▶ How to test systems and complete the relevant documentation during commissioning

## COURSE CONTENT

- ▶ Practical applications of Ohm's law
- ▶ Using a multimeter for voltage, current and resistance readings
- ▶ Detection devices - features, technologies, and applications
- ▶ Control and indicating equipment
- ▶ Self powered and remotely powered warning devices
- ▶ Calculating battery and power supply requirements
- ▶ Adding power supplies – considerations
- ▶ British and European standards for Intruder and Hold-Up Alarms
- ▶ Practical wiring of complete intruder alarm systems
- ▶ Designing and planning a system
- ▶ Installation and commissioning of Intruder and Hold-Up Alarms
- ▶ Electrical testing of intruder alarm systems
- ▶ Completing essential documentation
- ▶ Remote signalling system requirements for Police response
- ▶ Environmental considerations
- ▶ Insurance pre-requisites

“ Really enjoyed the practical elements and having more understanding of how and why things are wired ”  
**CATCHPOINT LTD DELEGATE**

## COURSE COST, DURATION AND AWARD



**BTEC Level 3** (optional)  
 Principles and Practices  
 of Intruder and Hold-Up Alarms



**5 Days**



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