

MAINS COMPLIANCE



56

ELECTRO TECHNICAL COURSES

An essential course for all those who work on or near a live electrical supply and need to ensure that they are a 'competent person' under the terms of the 'electricity at work' regulations.

If you wish to install security systems or other electrical equipment in commercial or domestic properties, this course will teach you how to install **fused spurs** and conduct other work safely, efficiently and legally within current legislation.

WHY DO I NEED COMPLIANCE?

Anyone who works on or near a live electrical supply is covered by the electricity at work regulations and has a statutory duty of care to ensure that work is carried out by a competent person.

WHAT DEFINES A COMPETENT PERSON?

A competent person is one who can demonstrate by gaining a recognised qualification that he or she can work safely on electrical supplies.

WHO ATTENDS THE COURSE

This course has been designed for all security systems installers and maintenance engineers working on or near live electrical supplies, reducing the risk of electrical injury and maintaining compliance with the electricity at work regulations 1989.

WILL THE COURSE COVER PART P?

No, this course does not provide you with a Part P qualification but will allow you to undertake 'minor works'. This is electrical work that does not involve the addition of a new circuit, for example adding new sockets or a fused spur to an existing circuit.

Although this work does not have to be undertaken by a registered electrician and you do not need to notify your local building control office, all electrical work must comply BS 7671, the wiring regulations.



COURSE CONTENT

- ▶ Part P Regulations - 17th Edition updates
- ▶ Understanding the dangers of electricity
- ▶ The implications of legislation
- ▶ BS 7671 and the Electricity at Work Act 1989
- ▶ Electric shock and first aid basics
- ▶ The electrical supply - single, and three phase
- ▶ Frequency and current
- ▶ Ring circuits
- ▶ Radial circuits
- ▶ Protective conductors
- ▶ Mains wiring terminology and application
- ▶ Circuit isolation - the procedures, isolation, fused connectors (spurs)
- ▶ Circuit breakers
- ▶ Practical wiring - installing a fused spur and connecting to the ring circuit
- ▶ Connection in junction boxes and control panels
- ▶ Inspection and testing criteria
- ▶ Documenting and reporting systems
- ▶ Cable size and new colour coding
- ▶ Health and safety

Thoroughly enjoyed the course.

FRONTLINE SECURITY SOLUTIONS DELEGATE

BTEC
INTERMEDIATE AWARD

COURSE DATES

2015

JANUARY	15
MARCH	19
APRIL	9
MAY	14
JUNE	25
JULY	16
AUGUST	20
SEPTEMBER	24
OCTOBER	22
NOVEMBER	26
DECEMBER	10

2016

JANUARY	14
FEBRUARY	11
MARCH	17

COURSE COST, DURATION AND AWARD

£295.00 + VAT

Duration: **1 day**

BTEC Diploma Points: **1**

Course fee includes
BTEC level 2 certificate

A must for all involved in the installation and maintenance of electronic security systems.