

MAINS COMPLIANCE

This is an essential course for all those who work on, or near a live electrical supply and need to ensure they are a 'competent person' under the terms of the 'electricity at work' regulations. Teaching you how to install fused spurs and conduct other work safely, efficiently and legally within current legislation, this course allows you to undertake 'minor works' to an existing electrical circuit that does not involve the addition of a new circuit.

WHAT YOU WILL LEARN

- ▶ How to become a 'competent person' under the terms of the Electricity at Work Regulations
- ▶ How to undertake 'minor works' to an existing electrical circuit, for example adding an additional socket or a fused spur
- ▶ How to install a fused spur and connect to an existing ring or radial circuit
- ▶ How to use the correct test equipment effectively
- ▶ How to complete the necessary documentation



COURSE CONTENT

- ▶ Part P Regulations – 18th Edition updates
- ▶ Understanding the dangers of electricity
- ▶ The implications of legislation
- ▶ BS7671 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
- ▶ Connection in junction boxes and control panels
- ▶ Inspection and testing criteria
- ▶ Documenting and reporting systems
- ▶ Cable size and new colour coding
- ▶ Health and Safety

“ Tutor was outstanding and found the course excellent. ”

THE ALARMING CO LTD DELEGATE

COURSE COST, DURATION AND AWARD



BTEC Level 3 (optional)
Electrical Mains Compliance



1 Day



£325 + VAT includes Tavcom
Certification. **BTEC Certification is
optional at an additional cost of £95 +
VAT**