University of Central Lancashire
Training 2000
1828

INFORMATION FOR STUDENTS

Apprenticeships

European Union
European
Social Fund

Fire Emergency and Security Systems (CCTV, intruder alarms and access control)

Level 3 Apprenticeship

Duration: 3 years - x24 one week blocks. Six hours per week need to be dedicated towards portfolio work and training in the workplace

Where will I study:
Training 2000, Blackburn

Entry requirements:
A minimum of four GCSEs at grade 4 (C) or above including English, Maths. Science and Technology are desirable.

A Fire, Emergency and Security Systems Technician will be responsible for the planning, installation, testing, commissioning and handover of fire, or security systems (CCTV, intruder alarms and access control) equipment. Their responsibilities include carrying out preventative and corrective maintenance, diagnosis of, and repairing faults on systems and their components. Installation of systems must be done in accordance to customer specification and requirements, industry regulations and company quality standards. They are responsible for the correct use and maintenance of tools and equipment.

What you'll learn

Compliance, health & safety
Work in a safe manner, applying the systems, processes and organisational procedures used to ensure compliance with health and safety and other relevant legislation.

Industry standards
Work with designs, specifications and installation manuals to effectively comply with industry standards and ensure customer expectations have been fulfilled.

Planning
Plan and complete first fix cable runs using the correct methods of containment and protection.

Measurements
Use a range of meters to take measurements and interpret the readings against expected results.

Data protection
Use different types of data transmission ensuring its security is in accordance with Data Protection legislation.

Diagnostics
Carry out and record diagnostic tests, maintain and service systems.

Installations
Complete complex and non-complex installations of fire, access control, intruder alarm and video surveillance systems.

Commissioning and handover
Complete the commissioning and handover procedure of a system.

Documentation
Complete company approved documentation detailing corrective outcomes and produce all required paperwork to handover systems.

Programming and configuration
Carry out programming and configuration of all fire or security systems.

Testing
Isolate communication links to remote monitoring centres, testing links and reinstating.

End user training
Train users in the correct operation of their system.

How you'll be assessed?

At the end of your Apprenticeship you'll go through an end-point assessment (EPA) and be graded a pass, merit or distinction based on a:
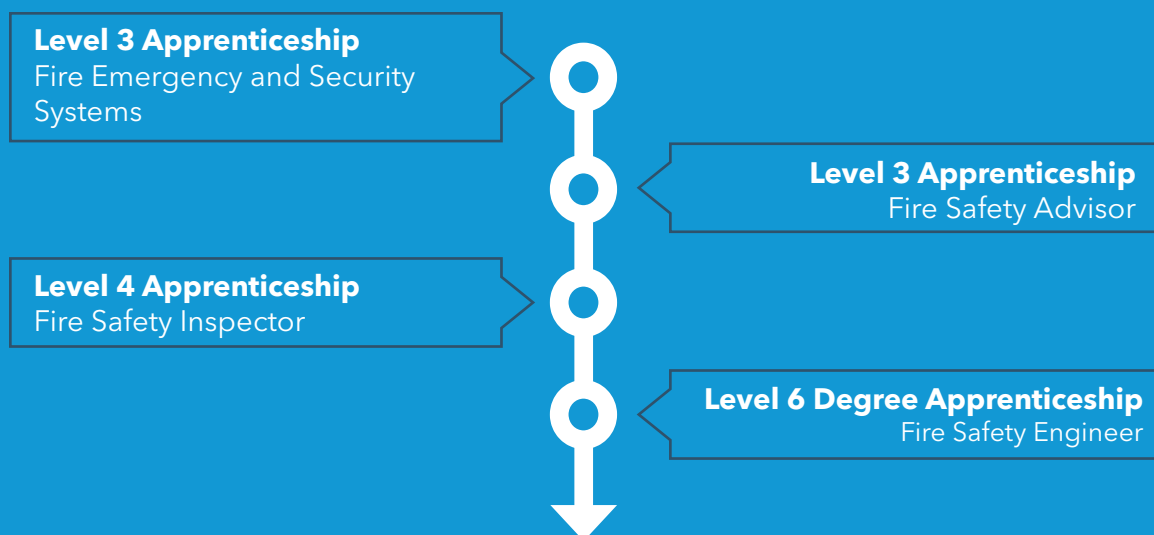
1. Practical assessment with questioning

2. Interview underpinned by a portfolio of evidence

3. Multiple-choice test

ecs
electrotechnical
certification scheme

The Electrotechnical Certification Scheme (ECS) accredits the qualifications and experience of workers in the electrotechnical industry. In the first year of your Apprenticeship you'll get an ECS card.

Your Apprenticeship career path

Below is an example career path showing how you can earn, learn and study up to Degree level with an Apprenticeship. Training 2000 are part of the University of Central Lancashire which makes it easier than ever to progress on to a Degree Apprenticeship or Degree.

Level 3 Apprenticeship
Fire Emergency and Security Systems

Level 3 Apprenticeship
Fire Safety Advisor

Level 4 Apprenticeship
Fire Safety Inspector

Level 6 Degree Apprenticeship
Fire Safety Engineer

An Apprenticeship in Fire & Security can take you in many directions from being a service engineer, maintaining and correcting systems, or an installation engineer, fitting new technologies to new and existing systems. Or, why not become a design engineer, working from drawings and legal requirements, specifying new projects.

The Fire & Security industry is forever growing and forever changing, meaning the possibilities for further progression are extensive and varied.

Interested? Apprenticeships start throughout the year. Apply now!

www.training2000.co.uk
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