University of Central Lancashire
Training 2000

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

Level 3

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.

Apprenticeships

European Union
European
Social Fund

www.training2000.co.uk | 01254 54659 | info@t2000.co.uk

Fire Emergency and Security Systems
Apprenticeship information

Duration
3 years - x24 one week blocks

You may have to complete your English and Maths Functional Skills depending on your GCSE grades.

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 is desirable.

Our Apprenticeship includes:

- Training 2000 registration and pass
- Structured delivery programme
- Assessor visits and reviews in your workplace

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.

ecs
electrotechnical certification scheme

Topics covered on your Apprenticeship

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.

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

Diagnostics
Carry out and record diagnostic tests, maintain and service 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?

The End-Point Assessment (EPA) is your opportunity to show an independent assessor how well you can carry out the occupation you have been trained for. You'll be graded based on:

1. **Practical assessment with questioning**
   You will be observed by an independent assessor completing a set of tasks. It will last 9 hours. They will ask you at least 3 questions.

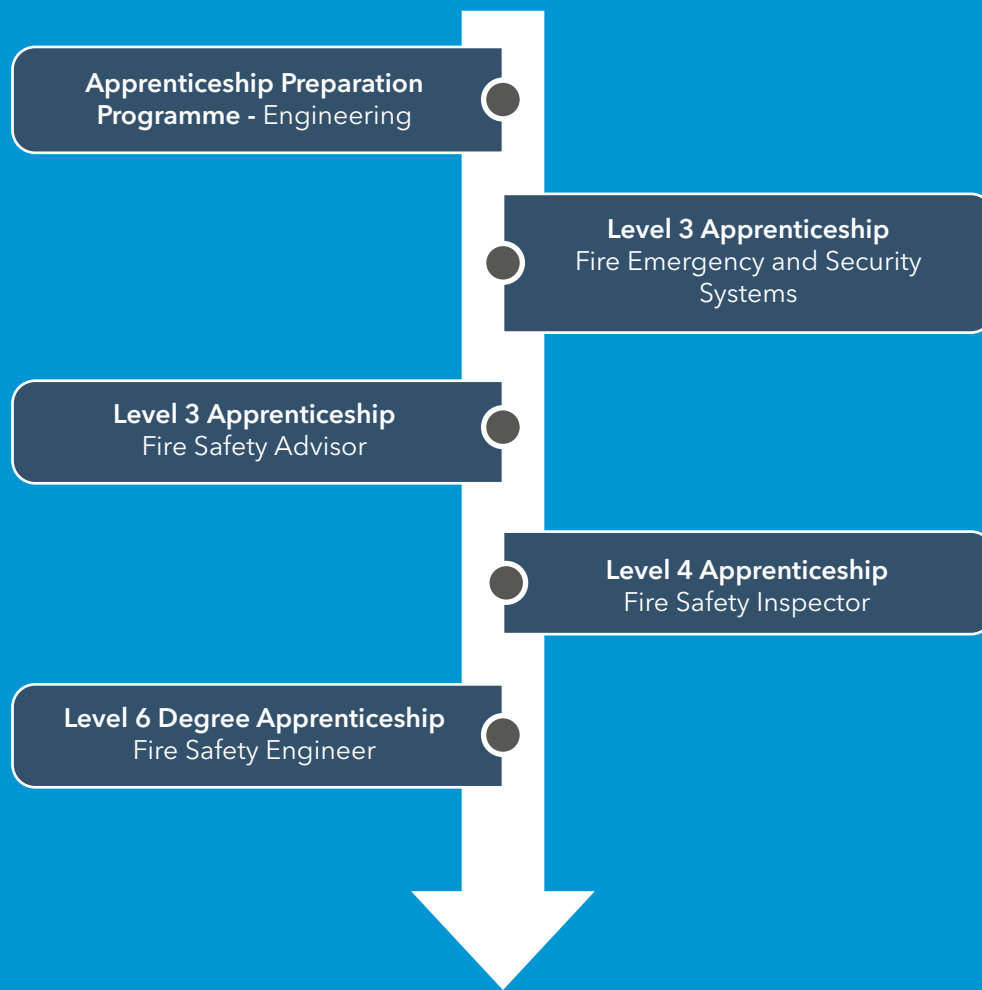2. **Interview underpinned by a portfolio of evidence**
   You will have an interview with an independent assessor. It will last at least 60 minutes. They will ask you at least 6 questions. The questions will be about certain aspects of your occupation. You need to compile a portfolio of evidence before the EPA gateway. You can use it to help answer the questions.

3. **Multiple-choice test**
   You will complete a multiple-choice test. It will be closed book, meaning you will not have access to any books or reference materials.

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 or Degree Apprenticeship.

Apprenticeship Preparation Programme - Engineering

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

Careers

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? Apply now

www.training2000.co.uk
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Proud to be part of the

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