

FIRE EMERGENCY AND SECURITY SYSTEMS APPRENTICESHIP LEVEL 3

WHY YOU?

Fire, Emergency and Security Systems Technicians design, install, commission and maintain electronic systems in and outside simple and complex premises to protect individuals, homes and properties from risk and danger.

Systems include fire, security and emergency systems to detect intrusion, provide surveillance, monitor and control access to buildings, properties and sites or to detect fire and emergencies.

Skills include interconnection of equipment, programming, verifying performance/fault finding and testing and maintaining. Technicians will carry out planned jobs to install new systems, modify and maintain existing systems as well as respond to call-outs to repair faulty systems where they will utilise their problem solving skills.

They will take a professional approach to customer service skills which include being presentable, tidy and respectful as they can often find themselves working in and outside customers' homes as well as in and outside business premises.

It is important for Fire, Emergency and Security Systems Technicians to be able to work independently or as part of a team and use their knowledge and skills to ensure systems have been appropriately selected and installed and maintained to a professional industry standards, often without any supervision, and done so in a safe, efficient and economical manner to minimise waste.

DURATION: 3 years - x24 one week blocks

TRAINING LOCATION: Blackburn

ENTRY REQUIREMENTS: A minimum of four GCSEs at grade 4 (C) or above including English, Maths, Science and Technology is desirable.

JOB ROLES INCLUDE: Alarm/Fire/Emergency/ Security Systems: Installer/Maintainer/Engineer/ Technician

OUR OFFER INCLUDES:

- Training 2000 registration and pass
- Structured delivery programme
- Assessor visits and reviews in your workplace
- Synoptic / end point assessment
- Accredited Health and Safety training
- Awareness training in drugs, financial and driver safety

Successful completion of this Apprenticeship provides you with professional status (EngTech) which will be understood and sought after by your peers, employers, suppliers, customers and your wider professional network.



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COURSE DETAILS

It comprises of a Level 3 Standard which will be completed over a 3 year period.

Core Knowledge and Skills Requirements

The Fire, Emergency and Security Systems Technician will understand:

KNOWLEDGE

- Health and Safety
- Electrical and electronic principles
- Practices and procedures
- Core Systems
- System technologies
- Environmental principles
- Customer service
- Communication
- Commercial awareness

SKILLS

- Working safely
- Core systems techniques
- System technologies
- Supervisory

BEHAVIOURS/ATTITUDE

- Honesty and Integrity
- Dependable and responsible
- Positive can-do attitude
- Openness to learning
- Work with others
- Safe and Sustainable working

In addition to the core skills, knowledge and behaviour requirements, apprentices must choose one of the following options:

FIRE

Understand: the relationship of fire detection and alarms to the fire industry, the principles and features for design criteria, and the methods of surveying new and existing systems. The Planning and project management for system installation, commissioning and handover. The preventative and corrective maintenance of fire detection and alarm systems, emergency systems and components.

SECURITY

Understand: the requirement and implementation of security risk assessments, the principles, functions and operation for design criteria. The planning and project management for system installation, commissioning and handover. The preventative and corrective maintenance of Intruder and hold up alarms, Access Control, video surveillance (CCTV) and other electronic security systems and components.

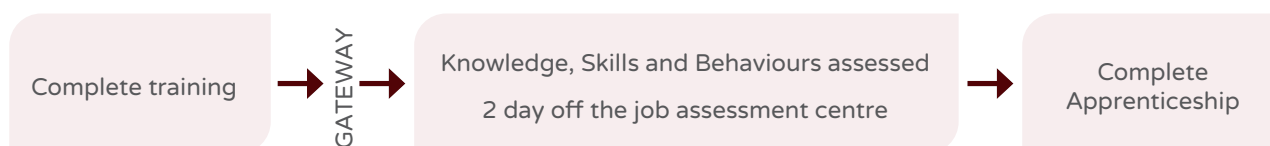
FIRE AND EMERGENCY LIGHTING

Understand: The relationship of fire detection and alarms to the fire industry, the principles and features for design criteria, and the methods of surveying new and existing systems. The Planning and project management for system installation, commissioning and handover. The preventative and corrective maintenance of fire detection and alarm systems, emergency lighting, emergency systems and components. The installation of electrical circuits, selecting correct protective devices, testing and certifying to current standards.

FIRE AND SECURITY

Understand: the relationship of fire detection and security alarms to the fire & security industry and the requirement and implementation of security risk assessments, the principles, features, functions and operation for design criteria, and the methods of surveying new and existing systems. The Planning and project management for systems installation, commissioning and handover. The preventative and corrective maintenance of fire detection and alarm systems, emergency systems and components, Intruder and hold up alarms, Access Control, video surveillance (CCTV) and other electronic security systems and components.

END POINT ASSESSMENT



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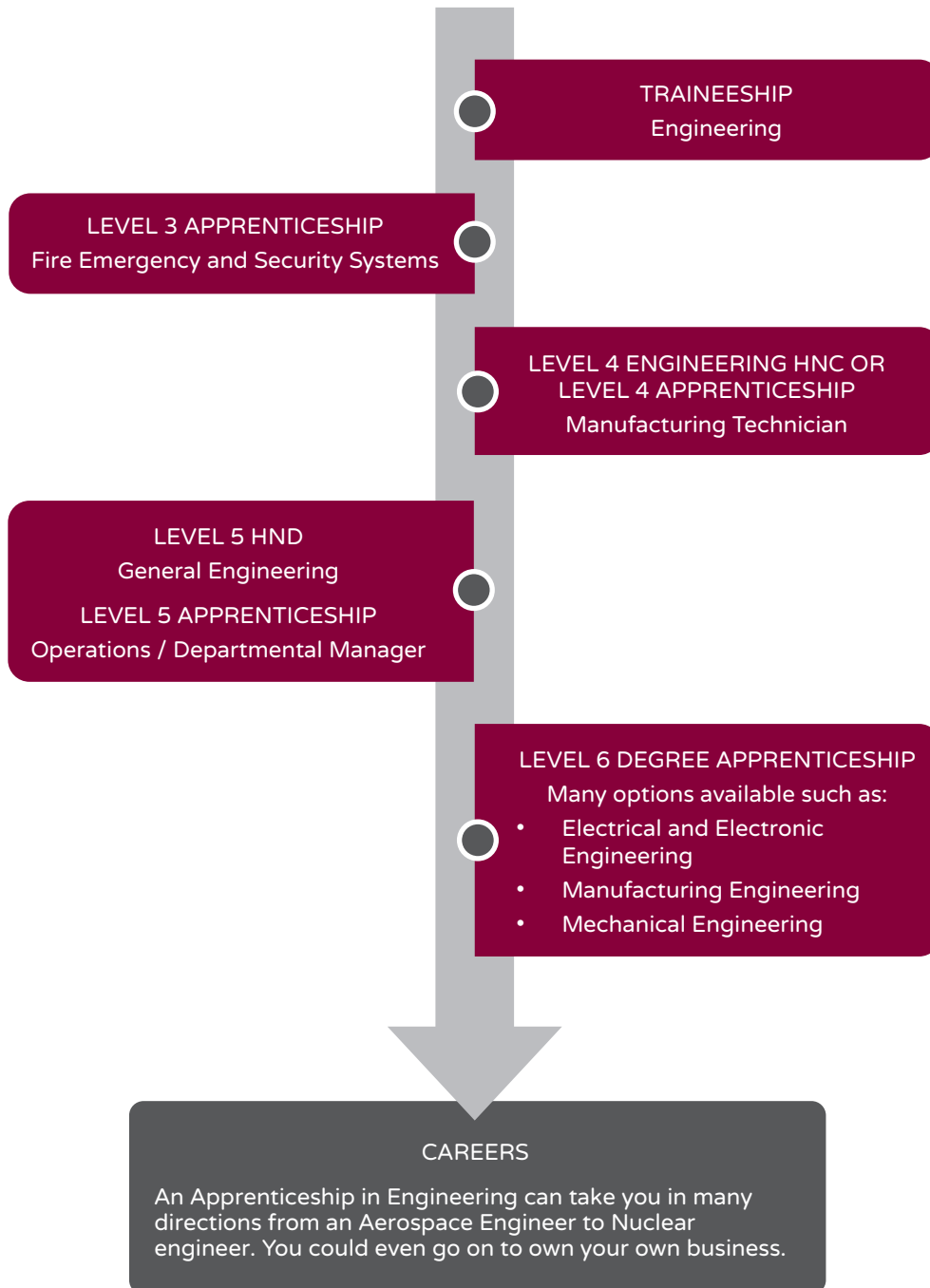


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YOUR APPRENTICESHIP CAREER PATH

Below is an example career path showing how you can progress up to a Level 6 qualification. At the end of every qualification you have the option to leave your education and progress with your career - you don't need to study up to level 6.



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