

Engineering Technician

Engineering Technicians solve complex practical problems and maintain systems across various sectors, ensuring that engineering processes run safely and efficiently.

Apprenticeship overview

Core skills, knowledge and behaviours you will learn

- To apply mathematical and scientific principles to engineering
- The use of technical drawings and digital modelling
- Problem-solving and root-cause analysis
- Health, safety, and environmental risk management
- Professional communication and teamwork

In addition to the core content, you will choose one option from:

- Mechatronics Maintenance Technician
- Product Design and Development Technician
- Aerospace Manufacturing Technician
- Maritime Electrical Technician

Typical job roles

- Engineering Technician
- Maintenance Engineer
- Mechatronics Technician
- Junior Design Engineer

Where you might work

- Research and development labs
- Industrial manufacturing sites
- Power stations and utility companies
- Transport infrastructure projects

Level: 3

Duration: 39 months



Good to know

This is a highly versatile standard that fits almost any technical sector

It is a common pathway toward becoming an Incorporated Engineer (IEng)

You'll be the person everyone looks to when things stop working

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