

ECITB Engineering (Design & Draughting) Level 3 Advanced Apprenticeship

Duration: 3 years

Who is the apprenticeship for?

This apprenticeship is intended for new or existing staff working in the engineering construction sector and is suitable for candidates who have an interest in pursuing a career in an engineering construction design role or who are already working in a design and draughting position.

Entry requirements

Applicants must be aged 16 year and over with 5 GCSEs A*-C which must include Science, English and Mathematics (higher tier). Qualifications will be considered along with the results of an initial assessment.

What qualifications are delivered?

- ◆ BTEC Diploma in Operations and Maintenance Engineering (Level 3)
- ◆ Diploma in Engineering Construction Design and Draughting (Level 3)
- ◆ Employee Rights and Responsibilities
- ◆ Personal Learning and Thinking Skills
- ◆ Functional Skills in ICT at Level 2 (if not already achieved)

What does the apprenticeship cover?

Year 1: Off the job training (39 weeks + 1 week in workplace)

Year 2: On the job training (12 months) ECITB Diploma in Engineering Construction Design and Draughting

Year 3: On the job training (12 months) ECITB Diploma in Engineering Construction Design and Draughting

The apprenticeship includes a range of mandatory and optional units, which will be determined by their relevance to the individual's job role.

BTEC Diploma in Operations & Maintenance Engineering

Mandatory Units:

- ◆ Health and Safety in the Engineering workplace
- ◆ Communications for Engineering Technicians
- ◆ Engineering project
- ◆ Mathematics for Engineering Technicians

Optional Units (examples):

- ◆ Mechanical principals and applications
- ◆ Electrical and Electronic principals
- ◆ Engineering Design
- ◆ Properties and Applications of Engineering materials

Diploma in Engineering Construction Design & Draughting

Mandatory Units (examples):

- ◆ Contribute to effective working relationships
- ◆ Read and extract technical information from engineering construction drawings
- ◆ Produce detailed engineering construction drawings to specified draughting conventions
- ◆ Identify, evaluate and understand factors affecting design in engineering construction

Additional Units (examples):

- ◆ Manufacturing Machine Workshop
- ◆ AutoCAD, Inventor & Revit

Training Programme

The assessor visits the apprentice five times a year during years 2 & 3 for approximately 2 hours for assessment and training. In addition quarterly review meetings will be scheduled to track progress, involving the line manager, assessor and apprentice. If the apprentice needs to gain their IT qualifications they will attend the college to achieve these. There will be employer engagement forum meetings every 6 weeks, to discuss apprentice progress reports and evaluate programme from both an employer and apprentice perspective.

For more information contact Training Solutions at:
trainingsolutions@rutc.ac.uk OR call **020 8607 8306**