

Apprenticeship
ENGINEERING OPERATIVE
Machining route
Level 2



train / grow / succeed

Apprenticeship

ENGINEERING OPERATIVE

Machining route

Level 2

This course will enable someone to become competent a component engineer and prepare them for an in a number of different roles within the manufacturing engineering sector.

Who is the course aimed at?

Anyone who is new to the manufacturing / machining industry and is looking to start a career with in the engineering industry. This qualification will allow you to progress into a number of different career paths within the engineering sector.

What will you study?

You will study a range of subject areas, including but not limited to:

- ▶ *Complying with statutory regulations and organisational safety requirements*
- ▶ *Working efficiently and effectively in advanced manufacturing and engineering*
- ▶ *Using and interpreting engineering data and documentation*
- ▶ *Producing components using hand fitting techniques*
- ▶ *Preparing and using lathes for turning operations*
- ▶ *Preparing and using milling machines*
- ▶ *Maintenance*

Qualification gained

- ▶ *Level 2 Diploma in Engineering Operations (Occupational Skills)*
- ▶ *Level 2 Certificate or Diploma in Engineering Operations (Occupational knowledge)*

Knowledge and skills that you will develop

1. *Level 2 Diploma in Engineering Operations (Occupational Skills)*
2. *Level 2 Certificate or Diploma in Engineering Operations (Occupational knowledge)*
3. *Practical Skills Observation – to assess the apprentices application of skills*
4. *Professional Discussion – to assess the apprentice's knowledge of processes and techniques.*

Behaviours you will develop

- ▶ *Personal responsibility and resilience*
- ▶ *Work effectively in teams*
- ▶ *Effective communication and interpersonal skills*
- ▶ *Focus on quality and problem solving*
- ▶ *Continuous personal development*

Progression to further study

- ▶ *Engineering Technician Level 3*

Entry requirements

Apprentices without Level 1 (or equivalent) in English or math's must achieve Level 1 and take the test for Level 2 prior to taking the End-point assessment.

Preferred 3/D in maths or equivalent.

How long will it last?

Between 18–24 months.

How will it be delivered?

In college between 1–2 days a week.

How will it be assessed?

Independent end-point assessment.

Two part skills assessment:

- ▶ *Practical Skills Observation – to assess the apprentices application of skills*
- ▶ *Professional Discussion – to assess the apprentice's knowledge of processes and techniques*

Further details

Further details on this standard can be found at

www.instituteforApprenticeships.org

Who to contact

- ▶ *For more information please contact our Workforce Development Team on 01704 392874*