

EAL Purpose Statement:

600/1667/X EAL Level 3 NVQ Extended Diploma in Engineering Toolmaking (QCF)

Qualification Overview:

This level 3 qualification is a National Vocational Qualification (NVQ) based on national occupational standards for engineering, which are statements of performance that describe what competent people in a particular occupation or task are expected to be able to do. It involves the skills and knowledge needed for occupations in engineering toolmaking including producing and working with engineering drawings, using machinery, producing components and working with composites.

Delivered in the workplace (or a setting that replicates the workplace), NVQs can be undertaken as a standalone vocational qualification, or as part of an apprenticeship. They can be taken by full-time employees or by school and college students with a work placement or part-time job that enables them to develop the appropriate skills in the workplace.

The qualification has numerous pathways linked to typical job roles. The primary purpose of this qualification is to confirm your occupational competence in a specific job role and you will need to select the appropriate pathway to enable you to achieve the assessment requirements.

The achievement of NVQs will encourage an employee to value their contribution to the workplace, and it will develop their skills and potential within the engineering toolmaking field.

What does this qualification cover?

To achieve this qualification you need a **minimum of 132 credits**.

You must complete all 15 credits in Group A, 90 credits from one of the pathways P1 to P5 and the final 27 credits from either pathway M1 or M2. These credits in combination will give you the skills, knowledge and understanding in a wide variety of engineering toolmaking activities including:

- toolmaker
- toolroom CNC machining
- mould, tool and die equipment maintenance
- jig and fixture manufacture
- toolroom manual machining

NVQs are assessed by **portfolio of evidence** which details what you've done at work and **observation** from an assessor who watches you work and checks that you can do the work-related tasks.

For further details on the **5 pathways** available, please contact the EAL customer services team: Tel +44 (0)1923 652 400 or via Email: customercare@eal.org.uk

Who could take this qualification? OR who is this qualification designed for?

- Individuals who need recognition of their competence in one or more of a wide variety of engineering toolmaking activities and also need a nationally recognised qualification at Level 3
- Learners who are undertaking a Semta apprenticeship
- Those who are working in a general engineering environment and would like to specialise in toolmaking activities
- Those who are new to engineering or are looking for a career change

It is suitable for learners aged:

- 16-18
- 19+

What could this qualification lead to?

Typical job roles include:

- Toolmaker (Manufacture)
- Toolmaker (Design Research and Development)
- Production Supervisor

Progression to further learning:

You will be able progress onto other engineering based qualifications such as:

- EAL Level 3 NVQ Diploma in Mechanical Manufacturing Engineering (QCF)
- EAL Level 3 NVQ Extended Diploma in Engineering Leadership (QCF)
- EAL Level 3 NVQ Diploma in Engineering Maintenance (QCF)
- EAL Level 4 NVQ Diploma in Engineering Manufacture (QCF)

Which will further broaden your skills set and increase your employability in the engineering industry.

Apprenticeships:

This qualification is a component part of a number of different apprenticeship frameworks, details of which can be obtained from **EAL Customer Services** Tel: +44 (0)1923 652 400 Email: customer@eal.org.uk

Similar titled qualifications offered by EAL (e.g. Award/Certificate/Diploma):

N/A

Who supports this qualification?

This qualification is supported by **The Engineering Council** and recognised by **The Institute of Mechanical Engineers** as a means for Engineers to obtain **Eng Tech status**.

Any other relevant information:

Ofqual Qualification code: 600/1667/X
QCF Level: 3
QCF Credit Value: 132
Guided Learning Hours (GLH): Min 439 Max 1027

Further Information:

For further information on this qualification, please contact our customer services team:
EAL Customer Services
Tel: +44 (0)1923 652 400 **Email:** customer@eal.org.uk