

ENGINEERING FACTSHEET 1

Engineering

The skills and experience gained from an engineering apprenticeship will set you up for a lifelong and rewarding career; whether it's designing the engine management system for cars, developing energy efficient technologies or providing engineering services in shopping centres.

For some roles you'll need practical and creative skills, and in others you'll need to be good at maths and science. Most importantly every engineer needs an interest in how things work and enjoy problem solving.

There are so many different career paths available to qualified engineers and there's a career waiting for you. According to Engineering UK, there are more than 55,000 unfilled engineering jobs per year. So, why not get started in a career in engineering today?

NEWHAM
COLLEGE
LONDON



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ENGINEERING FACTSHEET 2

The below information is based on the Performing Engineering Operations pathway. The unit content of each NVQ can be selected to meet the needs of employers and their individual apprentices.

Intermediate

- NVQ Level 2 in Performing Engineering Operations
- BTEC Level 2 Extended Certificate in Engineering
- Functional Skills in Mathematics and English Level 1
- Personal Learning and Thinking Skills
- Employment Responsibilities and Rights

Advanced

- NVQ Level 3 in Performing Engineering Operations
- BTEC Level 3 Extended Certificate in Engineering
- Functional Skills in Mathematics and English Level 2
- Personal Learning and Thinking Skills
- Employment Responsibilities and Rights

Progression

It is likely that a significant number of Intermediate Apprentices will progress on completion of this pathway to the Advanced Apprenticeship in Engineering Manufacture at Level 3.

Example Job Roles

General Service and Maintenance Roles

Desired skills and attributes

- Willing to work as part of a team
- Have a keen interest and flair for engineering

Delivery model and duration

The delivery model and duration are between 18-24 months depending on the level.

Application process

Applications for vacancies are completed via the apprenticeship vacancy section of the Newham College Website.

All applicants are assessed at interview, reviewing prior qualifications and experience for suitability of the role.