

Engineering BTEC level 3

Overview

The BTEC level 3 in Engineering is designed for learners who are interested in a career in the engineering sector and want to progress to further study in the sector. Learners will take a practical, applied engineering course as part of their level 3 study programme, which gives them an introduction to the sector. They will be able to combine this with other qualifications, such as a GCE A level in Mathematics or Physics, which would allow them to progress to higher education to study engineering or other STEM-related programmes.

Will this course suit me?

Engineering covers a broad variety of roles and it involves the application of scientific principles and practical knowledge to transform ideas and materials into products and systems safely and support them during their lifetime. This qualification has a focus on a broad range of engineering specialist areas. Learners taking this qualification will study content including:

- engineering principles and mathematics
- health and safety, team work and interpreting and creating computer-aided engineering drawings
- design and manufacture of products

Opportunities

Progression from this qualification will lead to courses in higher education. The qualification is recognised by higher education providers as contributing to meeting admission requirements for many relevant courses in a variety of areas of the engineering sector, for example:

- BEng (Hons) in Engineering
- BEng (Hons) in Electronics Engineering
- BSc (Hons) in Computer Science
- BSc (Hons) in Mathematics

This qualification also supports progression to job opportunities in the engineering sector.

Jobs that are available in these areas include:

- engineering operative
- manufacturing operative
- semi-skilled operative

This qualification also supports those following an apprenticeship in engineering who are looking to work and progress in the engineering sector as an engineering operative.