

BTEC ENGINEERING

Areas of Study...

The course requires you to complete 4 units:

Unit 1

Engineering principles

Unit 2

Delivery of Engineering processes safely as a team

Unit 3

Engineering product design and manufacture

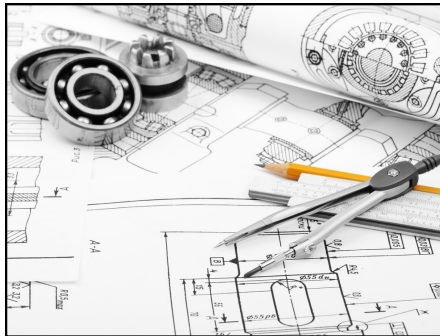
Optional Unit

To be confirmed.

Future Careers

Engineering offers valuable preparation for careers in all branches of design and any career where creativity and problem-solving are important, such as engineering, architecture and interior design.

This BTEC provides entry to higher education and it complements most other A Levels including Sciences and Art.



Assessment

Unit 1

Written exam / 2 hours / externally assessed
80marks

Short and long-answer problem-solving questions.

Learners will need to explore and relate to the engineering contexts and data presented.

Assessment will focus on learners' ability to solve problems that require individual and combined application of mathematical techniques, and electrical, electronic and mechanical principles to solve engineering problems.

The assessment availability is twice a year in January and May/June. Sample assessment materials will be available to help centres prepare learners for assessment.

Unit 3

Externally assessed

You will complete a task to demonstrate your knowledge and understanding of engineering product design and manufacture as you follow a standard development process of interpreting a brief, scoping initial design ideas, preparing a design proposal and evaluating the proposal.

Unit 2 and Optional Unit

Internally assessed coursework.