

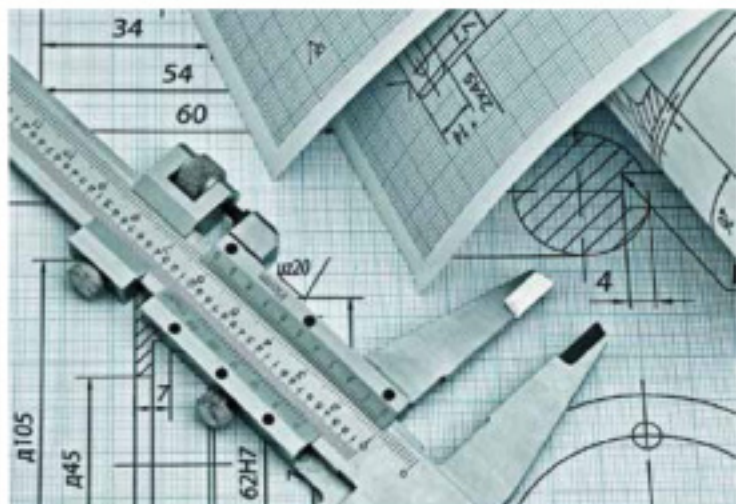
ENGINEERING - BTEC LEVEL 3

Course introduction

The BTEC Level 3 Courses in Engineering is designed to give students an understanding of different areas of Engineering. Students can study either a 4 unit course (National Extended Certificate), equivalent to 1 A level) in Engineering.

Entrance requirements

Students who wish to study Engineering must have acquired a minimum of 5 GCSEs or equivalent at 4-9 (including English Language and Mathematics (at a grade 6).



How the course is taught

The course will be completed through a variety of approaches including: Taught lessons, Practical and Coursework. You will be expected to work independently in lessons to ensure the work is your own and also work in teams as required.

Most of the necessary books are provided but students are expected to do their own research and must use all available sources of information e.g. the professionals – engineering industries, local businesses and neighborhood engineers.

Areas covered by the course

The 4 unit course is made up of 3 Mandatory units and 1 optional. 2 of the Mandatory units are externally assessed.

Unit 1 – All courses – Externally assessed

Engineering Principles (Double Unit)

Unit 2 – All courses – Internally assessed

Delivery of Engineering Processes Safety as a team

Unit 3 – All courses – Externally assessed

Engineering Product Design and Manufacture (Double Unit)

The 6 and 9 unit courses are then made up of a range of optional units.

Optional Units – Will either be unit 9 or unit 10

Unit 9

Work Experience in the Engineering Sector (dependent of places).

Unit 10

Computer Aided Design in Engineering.

How the course is assessed

Assessment is carried out through both externally and internally assessed assignments/exams. All internally set units are assessed through coursework and practical activities which is spread throughout the 2 years of the course.

Career opportunities

BTEC Level 3 Engineering can lead to further study at University or employment within the engineering sector. There are many sectors of Engineering in which you can Progress including Automotive, Marine, Chemical, Mechanical, Electrical and Electronic.

The majority of Engineers who graduate from University can earn starting salaries in excess of £30,000.

