

GAIN A QUALIFICATION

## BTEC Level 2 Engineering

### SHOWING IMPACT IN SCHOOL KEY INDICATORS

Enhance and develop skills in maths, English, 3 sciences and ICT  
Build on your learners confidence

**Target Learner:** Key Stage 4

**Duration:** Equivalent teaching time of one GCSE over two years

The Edexcel BTEC Engineering course offers a basic foundation of engineering knowledge and processes. This course is very useful for those considering a career in mechanical or electrical engineering, installation, design, maintenance, fabrication, machining or control systems. This qualification is **equivalent to a GCSE A\*-C grade** if a minimum Level 2 pass grade is achieved. There are two core units which must be achieved over the two years, plus the achievement of one or two specialist units. Participants can achieve BTEC Level 1 Engineering while aiming for BTEC level 2.

**Cost:** £62.50 per hour GYSBP members or £69.00 per hour

**Delivered by:** Nexus Engineers

The BTEC award is based upon the successful completion of two core units and two specialist units. BTEC Engineering is an intense course **requiring detailed record keeping** that needs pupils who think analytically and logically and an interest in problem solving by applying knowledge of science, technology and maths. BTEC Engineering has one externally marked assessment and three internally marked assessments. Equipment required as part of the course are compass, protractor and a scientific calculator. Learners can use this qualification as a **stepping stone to national certificates** and diplomas in Engineering and related subjects as well as technical apprenticeships.

### Optional specialist units are:

- 03. Health and Safety in Engineering
- 04. Engineering Maintenance
- 05. Engineering Materials
- 06. Computer-aided Engineering
- 07. Machining Techniques
- 08. Electronic Circuit Design and Construction
- 09. Electrical /Mechanical Science for Engineering
- 10. Engineering Design
- 11. Engineering Assembly
- 12. Vehicle Engines and Other Systems

### HOW TO BOOK

**Telephone:** 01493 742336 **email:** [office@nexus-engineering.org](mailto:office@nexus-engineering.org)  
**contact us via our website:** [www.nexus-engineering.org](http://www.nexus-engineering.org)

### Or visit us at

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