

## Level 3 ENGINEERING

ACCREDITING AUTHORITY | Pearson

### **COURSE LEVEL 3** | BTEC National Subsidiary Diploma in Engineering

Level 3 Engineering comprises 6 units (2 core units plus 4 specialist units). The units cover various aspects of Engineering, from Health and Safety, Mechanical principles and engineering drawing through to secondary processes, CNC of machine tools and Computer Aided Manufacturing.

#### **COURSE FOLLOWED**

<https://qualifications.pearson.com/en/qualifications/btec-nationals/engineering-2010.html>

#### UNITs covered

- Health and Safety in Engineering
- Mechanical Principles and Applications
- Engineering Drawing for Technicians
- Engineering and Secondary Finishing techniques
- Computer Numerical Control
- Computer Aided Manufacture

#### **METHOD OF ASSESSMENT:-**

Each unit is assessed and graded through assignments based on work-related situations or activities with opportunities for teamwork and in-depth study. All units are internally assessed.

The National Subsidiary Diploma is a two-year course, the successful completion of which is worth 1 A Level at Grades A\*-E (Distinction\* - Pass)

#### **ENTRY REQUIREMENTS**

A GCSE equivalent to five passes at grade 5 or above (including Mathematics and English) or other related Level 2 qualifications. One of the five must be L2 Engineering or GCSE Design and Technology . A minimum of a grade 6 is a recommended requirement at GCSE maths, because of the large amount of applied mathematics contained in unit 1.

#### **FUTURE PROSPECTS**

Engineering is a well respected profession and with skills in Science, Technology, Engineering & Mathematics (STEM) in short supply, there are plenty of choices of jobs on offer. BTEC engineering students will gain a range of very transferable skills to prepare them for their future career. Employers often say that what they want are articulate recruits, with good self-awareness, good thinking skills, flexible minds and the ability to make good decisions. The BTEC in Engineering develops all of these.

This course is an ideal preparation for students who wish to follow a career in an Engineering related occupation. The Level 3 BTEC enables progression to degree-level courses at university.

*For further information please contact Mr D Gordon or Mr L Stringer*

