

## **OCR Level 3 Principal Learning in Engineering (500/2400/0)**

### **About this qualification**

This is a Technical Level qualification that is designed for learners aged 16-19 who are interested in engineering and want to develop the knowledge and skills required by employers to help them enter into employment or on to further training or study in engineering.

### **What skills and knowledge will be covered?**

The qualification will enable learners to develop a wide range of basic engineering skills in technical drawing, CAD design, CNC manufacture and maintenance operations. They will also develop an understanding of mechanical and electrical/electronic fluid power principles, engineering business, employability, production processes and engineering innovation. The emphasis is on learning by doing and understanding the theory behind the practice.

### **Where could this qualification lead to?**

1. Entry into employment in engineering design, production manufacture and aftercare services in engineering sectors such as automation/production, automotive, aeronautical, marine and civil.
2. An apprenticeship and/or training opportunity at Level 3 (advanced) or Level 4 (Higher).
3. A Higher Education course. Learners could:
  - a. choose to undertake an engineering-related degree from options including mechanical, electrical and design engineering in the sectors of automation/production, automotive, aeronautical, marine and civil engineering.
  - b. choose from non-Engineering related degree programmes.