

Engineering Manufacture



What topics will I study?

- Tools and manufacturing processes.
- Materials and their uses.
- Production planning
- Developing machining
- Risk assessment
- CAD and CNC Machining
- Engineering drawings
- Using workshop machines
- Manufacturing process

What career opportunities are there?

Project Engineer
Tool Maker
Mechanical Engineer
Production Engineer
CNC Setter and Operator
Manufacturing Engineer

‘Engineering really links to the job that I want. I want to work in manufacturing designing machine and presses for the automotive industry. I've learnt a lot about working in engineering’. - **Former Year 11 learner**

Subject Overview

This qualification will give you an insight into the principles of manufacturing in an engineering environment. Looking at the manufacture of a single product and then using CAD and technology to produce batches of parts. You will learn about engineering processes and the materials we use in manufacturing

For more information about this subject, please speak to Mr Underhill – CTL Technology & Engineering