

Welcome to Engineering

Level 4 HNC in Manufacturing Engineering

About this course:

The BTEC Level 4 Higher National Certificate in Manufacturing Engineering is a two year part-time course. It is aimed at students who have already gained a Level 3 qualification in Manufacturing Engineering and wish to progress to a higher level. It also forms the technical element of a Higher Level Apprenticeship Standard.

This course is aimed primarily at technician engineers who are currently employed or seeking employment in the mechanical manufacturing or engineering industries who wish to develop their academic knowledge.

Why study this course?

The HNC/HND in Manufacturing Engineering will develop core competencies for the practicing engineer alongside softer skills such as business techniques and time management. The range of skills acquired will provide a pathway into diverse career opportunities within the engineering sector.

Core modules:

- Engineering Science
- Managing professional engineering projects
- Engineering Maths
- Production engineering for manufacture
- Engineering Design
- Quality and process improvement

Optional modules, these will run based on popular demand:

- Machining and processing of engineering materials
- Mechanical workshop practice
- Materials, Properties and Testing
- Research Project

A student's experience in our engineering department:

Two of our engineer apprentices have taken part in the Ventilator Challenge where their company has joined the VentilatorChallengeUK consortium to produce medical ventilators. Read more at: <https://keighleycollege.ac.uk/uncategorized/apprentices-take-part-in-ventilator-challenge>

Next steps after this course:

This course prepares you for employment in the manufacturing industry (such as production engineer, manufacturing engineer or manufacturing planner) or assist you with progression within employment or further study at a higher level apprenticeship programme or university.

Until you arrive at college, keep checking our website, social media and Applicant Hub for updates and even some activities to do before we meet you in September.

