

COURSE INFORMATION



University
Centre
Somerset

Part of Bridgwater & Taunton College

HNC Mechanical Engineering

Subject:	Engineering
Type:	HNC Level 4
Course Code:	TEH245B/JM1
Attendance:	Part Time
Location:	Bridgwater
Awarding body:	Pearson

Description

This part-time, one day per week course is designed for those looking to develop a career in mechanical engineering, with the emphasis on applying mechanical theory to practical situations. Studying in new, state of the art engineering facilities, with industry-standard equipment.

Mechanical Engineers research, develop and manage projects devising innovative solutions in design and manufacture. Generally graduates find roles within industries such as manufacturing, automotive, aerospace, energy and water. The course is designed to provide the knowledge and understanding of how advanced and innovative engineering underpins the mechanical design, advanced manufacturing and technical service areas of the industry. This course can also form the academic part of a Higher Apprenticeship.

Example modules could include:

- Engineering Design
- Managing a Professional Engineering Project
- Mechanical Principles
- Fundamentals of Thermodynamics and Heat Engines
- Fluid mechanics
- Engineering Science
- Engineering Maths
- Materials, Properties and Testing

Find the course handbook [here](#)

Teaching and Assessment

Continuous assessment of your performance will be carried out by means of assignments and may include laboratory work, investigations, projects, practical exercises and integrative assignments that link various subject areas, and formal examinations.

Progression Opportunities

You could choose to progress onto an HND course (see page 132) or study a Degree course at a university of your choice. Alternatively, you could progress to employment. Graduates find roles within industries such as manufacturing, automotive, aerospace,

energy and water.

Entry Requirements

Typically entrants will possess:

- Level 3 qualification in a relevant subject Mature applicants with relevant experience who do not have the stated entry requirements are encouraged to apply.