

COURSE INFORMATION



University
Centre
Somerset

Part of Bridgwater & Taunton College

Foundation Degree Mechanical Engineering

Subject:	Engineering
Type:	Please Select
Course Code:	TEH065B/HM1
Attendance:	Full Time
Location:	Bridgwater
Awarding body:	University of the West of England (UWE)

Description

The Foundation Degree in Mechanical Engineering 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. Mechanical engineers work to research, develop and manage projects, devising innovative solutions in design and manufacture. This course can also form part of a Higher Apprenticeship.

Example modules include:

During your course you may study areas including:

- Stress and Dynamics
- Design, Materials and Manufacturing
- Fluid Dynamics
- Energy and Thermodynamics and Heat transfer
- Power and the Environment

Read the Course Handbook [here](#).

Teaching and Assessment

You will learn through a combination of lectures, directed study, coursework, practical exercises and the completion of industry related projects relevant to your employment. Your studies will be conducted in our Advanced Engineering Centre at the Bridgwater campus of University Centre Somerset. Assessment will be via a variety of assignments and examinations which will include the analysis and resolution of engineering based scenarios, as well as a portfolio of case work and reflective assignments

Progression Opportunities

Direct progression onto the BEng (Hons) or MEng (Hons) Mechanical Engineering Degree at UWE Bristol is an option. This can be studied on full-time or part-time

COURSE INFORMATION CONTINUED...

attendance patterns. Alternatively, you could progress to employment or to a higher apprenticeship programme. Upon completion you may seek to progress your career in the engineering sector within industries such as manufacturing, automotive, aerospace, pharmaceuticals, energy and water.

Entry Requirements

You will require a minimum of 120 UCAS tariff points from a full Level 3 qualification in a relevant subject area and at least four GCSEs at grades A* - C or Grade 4 including Maths and English. BTEC Level 3 Further Mathematics is required for applicants holding a BTEC Level 3 Diploma.

Costs

£7800