

MANUFACTURING ENGINEER DEGREE APPRENTICESHIP LEVEL 6

**UWE
Bristol** | University
of the
West of
England

EMPLOYER TRAINING & APPRENTICESHIPS

The standard offers an exciting opportunity for those looking to progress their engineering career by gaining a university degree. Delivered in partnership with UWE Bristol, this apprenticeship will allow you to gain a comprehensive understanding of central engineering concepts and learn to apply them directly to practical challenges in your workplace. You'll develop professional skills to use throughout your career, including creative problem solving, manufacturing management, computer-aided design (CAD), modelling, simulation, teamwork and innovation.

Delivery model and duration:

Delivery: Part-time

Year 1: 2 days/week at college

Year 2: 1 day/week at college

Year 3 and 4: 1 day/week at
UWE Bristol

Duration: 4 Years

Ideal for:

Ideal for those looking to progress their engineering career while remaining at work

Benefits to business:

- Fill skills gaps in your organisation
- Keep the business up to date with the latest industry knowledge and innovative practice
- Attract promising new talent or develop existing employees looking to progress in their careers
- Benefit from full support from GC

Benefits for learners:

- Combine on-the-job training with academic study to gain the latest technical knowledge and practical industry experience.
- Gain a university degree at no cost
- Eligible for Incorporated Engineer (IEng) professional status after successful completion

For new or existing staff

Qualification

**BEng (Hons) Mechanical
Engineering with Manufacturing
accredited by the Institution of
Mechanical Engineers (IMechE).**

**Completers may want to progress to
MSc in specialised engineering
postgraduate degree.**

Entry Criteria:

Candidates will typically have:

5 GCSE's at Grade C or above, including Maths, English and a Science, Technology or Engineering related subject and A Levels at grade C or above in both a Maths-based subject and a Science, Technology, Engineering or additional Maths-related subject, or 90+ credits in an Engineering BTEC at level 3. Applicants with considerable relevant work experience, will be considered on individual basis, subject to meeting the Maths requirement (Grade C or above in Maths at A Level or equivalent).

0345 155 2020

employer.training@gloscol.ac.uk



gloscol.ac.uk/employers

GC
Gloucestershire College

MANUFACTURING ENGINEER DEGREE APPRENTICESHIP LEVEL 6

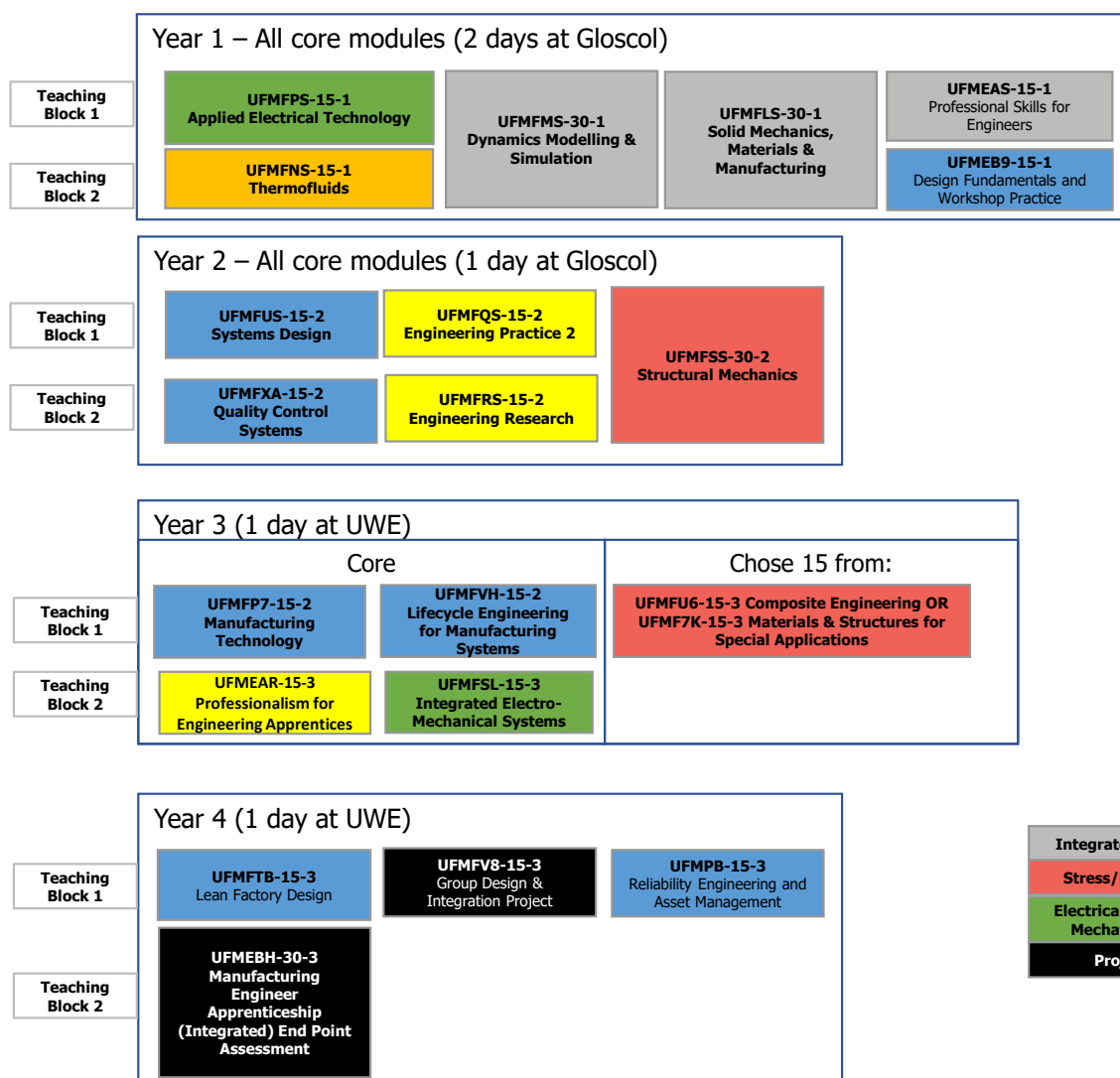
End Point Assessment

The End Point Assessment methods will assess the apprentices overall occupational competence against the knowledge, skills and behaviours detailed in the standard.

Method 1: Case studies presentation

Method 2: Occupational Professional Discussion

The apprenticeship will cover the following core areas:



Integrated Module	Thermodynamics
Stress/Materials	Professional Skills
Electrical/Control Mechatronics	Design/Manufacture
Project	

0345 155 2020

employer.training@gloscol.ac.uk



gloscol.ac.uk/employers