

MANUFACTURING ENGINEER DEGREE APPRENTICESHIP LEVEL 6



**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



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End Point Assessment

The End Point Assessment (EPA) is an opportunity to show an independent assessor how well apprentices can carry out the occupation they have been trained for.

It 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

Employer and training provider should tell apprentices what to expect and how to prepare for their EPA.

For this standard, the EPA period is typically 6 months.