Maximise your levy funding to develop the high level skills you need to increase your competitive capability

A Degree Apprenticeship in Product Design and Development incorporating a BEng (Hons) Advanced Manufacturing

Delivered in partnership with

Degree Apprenticeships

the-amtc.co.uk/degree-apprenticeships +44 (0)2476 701801 degree@the-mtc.org
A company focused engineering degree apprenticeship that adds value to your business.

The engineering apprenticeship can be adapted for a wide range of manufacturing businesses. Through work-based learning, each module enhances the employer’s and the apprentice’s capabilities. They will gain a strong, well-rounded view of engineering functions and specialise in areas most important to your business. Successful applicants will achieve a Degree Apprenticeship in Product Design and Development that incorporates a BEng Honours Degree in Advanced Manufacturing, which prepares them for Incorporated Engineer status.

Who it is for:

This is available to existing employees who have completed an apprenticeship at Level 3. It is intended for manufacturing businesses of all sizes and sectors who want to develop and upskill their employees. The collaboration between work and study shapes your employee to add value to your business and provide a demonstrable return on investment.

Assessment:

Learners are assessed throughout the apprenticeship via exams, coursework, work-based projects and case studies. The apprenticeship also includes an end point assessment, which consists of a review of their entire learning/study.

Academic Content:

Programme content is taught at undergraduate level and the degree includes a wide range of engineering manufacturing topics with flexibility to be tailored to your organisation’s needs.

Topics studied include:

- Engineering Principles
- Manufacture System Design
- Materials
- Mechatronics
- Manufacture Processes
- Industrial Automation
- Design
- Automated Manufacture
- Business and Project Management
- Manufacture Systems Engineering
- Mechatronics
- Business and Business Innovation
- Advanced Manufacture Technology

Duration:

The duration of the apprenticeship is five years, or less, depending on the apprentice’s experience and qualification.

Entry Requirements:

Completion of a Level 3 Advanced Apprenticeship with a Level 3 Diploma in Manufacturing/Engineering with a minimum of 90 credits and including a merit in Mathematics or equivalent.
Benefits for the employer

Maximise your levy to support and develop your existing employees by placing them on a recognised Degree Apprenticeship programme.

Provide a pathway to develop the higher level skills.

Produce an ‘oven ready’ graduate employee who is able to immediately add value to your business through their knowledge and understanding of your company and the wider manufacturing sector.

Secure the long term employment of degree apprentices ensuring a genuine return on investment and business impact.

Support your recruitment strategy by aligning your targeting of talented individuals with the opportunity to secure a degree whilst in employment.

Support the education of your workforce while maximising their time in the workplace. The programmes ensure your employees deliver meaningful project work aligned to their employment and role.

We suggest they have some time offsite to further enrich their development and build on their learning with others from outside your business. The degree apprenticeship is delivered to allow maximum time supporting the day to day activities of employer.

Interested and want to find out more?
For more information about the Degree Apprenticeship and the BEng (Hons) Advanced Manufacturing please contact:

Ian Buckingham
Higher Education Programme Manager

Why choose the MTC?
Built in 2015, the state of the art Advanced Manufacturing Training Centre was designed to help create a new generation of engineers and technicians, equipped with the advanced manufacturing skills of the future. Our trainers are experts in their field, delivering an unrivalled learning experience.

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Apply here: the-amtc.co.uk/degree-apprenticeships