



DEGREE APPRENTICESHIP

Manufacturing Engineer

Integrate academic learning and on-the-job practical training

This programme is open to both existing employees and newly recruited staff. On successful completion apprentices will be awarded the Manufacturing Engineer Degree Apprenticeship which includes the BEng Mechanical Engineering degree. Through the delivery of workshops, seminars and practical, lab based activity apprentices will complete design and build challenges each year, focusing on the development of relevant skills for use with their organisation. Alongside these practical elements they will also study topics such as mathematics, project management and ethics to develop their skills as a capable and confident engineering professional.



Find out more: apprenticeships@chi.ac.uk | 01243 812159

#chiuni      | chi.ac.uk/apprentice



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Structure

The Degree Apprenticeship is delivered over two semesters per year for four years. In year one apprentices will study for 1.5 days per week, before moving to a one day per week model for the remaining three years. The End Point Assessment will take place on completion of the degree.

Level 4

- Level 4 Workplace Project
- Statics & Materials
- Heat Transfer & Fluid Mechanics
- Engineering Mathematics
- Electricity and Magnetism
- Electrical Circuit Analysis
- Programming for Engineers

Level 5

- Level 5 Workplace Project
- Instrumentation
- Materials Science for Engineering
- Manufacturing Techniques & Materials
- Heat Transfer & Fluid Mechanics II
- Engineering Tools and Techniques (MM)
- Electromechanical Systems & Control

Level 6

- Level 6 Workplace Project
- Mechanical Failure Analysis
- Professional Engineering & Quality Management
- Polymers & Composites
- Advanced Manufacturing
- Renewable and Sustainable Power
- Computer Aided Engineering

How does the money work?

- The apprentice will pay no tuition fees. If a business pays the Apprenticeship Levy, the apprentice's tuition fees are paid from its Digital Account.
- If a business does not pay the Apprenticeship Levy, the apprentice's tuition fees will be joint-funded by the business and the Education & Skills Funding Agency.
- Additional professional accreditation charges may apply.
- The apprentice is eligible for employee benefits.
- The apprentice is not eligible for a student loan.

Degree Apprenticeships

Unlike our traditional programmes, apprentices apply directly to an employer for a degree apprenticeship. They are employed in a full time role while studying in partnership with the University of Chichester.

Prospective Degree Apprentices will be recruited directly by employers or be in employment

- 3 A Levels, Grade C or above (to include Mathematics and preferably a Technology subject)
- BTEC Vocational Qualification at Level 3
- Level 3 Apprenticeship
- Relevant Work Experience

In partnership with:

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 Apprenticeships