



**BOURNEMOUTH UNIVERSITY**

# Careers in Design and Engineering



Graduates from Product Design, Design Engineering, Mechanical Engineering, and Mechatronics & Robotics develop practical, creative, and analytical skills that prepare them for a wide range of design, engineering, manufacturing, and leadership roles. Alumni careers span hands-on technical positions, creative design roles, and senior management and business leadership.

Our courses: **BSc(Hons) Design Engineering • BEng/MEng (Hons) Mechanical Engineering • Beng/MEng (Hons) Mechatronics and Robotics • BA/BSc (Hons) Product Design**

Careers in Design and Engineering



## Product Design & Industrial Design

Many graduates pursue careers focused on designing products, systems, and user experiences, combining creativity with technical understanding. Roles range from concept development and CAD modelling to leading design teams and shaping product strategy.

**Job titles: Product Designer, Industrial Designer, Graphic Designer, 3D Designer, Design Consultant, Senior / Lead Product Designer, Head of Design**



## Mechanical, Design & Manufacturing Engineering

Graduates commonly work in mechanical and design engineering roles, developing components, systems, and products for manufacture. Careers progress from graduate and junior engineering roles to senior, lead, and principal engineering positions.

**Job titles: Mechanical Engineer, Design Engineer, Mechanical Design Engineer, Manufacturing Engineer, Production Engineer, Senior / Lead / Principal Engineer**



## Product Development & R&D

Some alumni specialise in developing new products and technologies, working in research, development, and innovation-focused roles across a range of industries.

**Job titles: Product Development Engineer, Research & Development Engineer, Product Engineer, Head of R&D**



## Engineering Project & Programme Management

Graduates with strong organisational and leadership skills move into roles managing engineering projects and programmes, overseeing timelines, budgets, and multidisciplinary teams.

**Job titles: Project Engineer, Project Manager, Programme Manager, Senior Project Manager**



## Systems, Electronics & Emerging Technologies

Graduates also work on complex, integrated systems involving electronics, communications, automation, and intelligent technologies. This pathway aligns closely with careers in mechatronics and robotics.

**Job titles: Systems Engineer, Electronics Engineer, Communications Engineer, Mechatronics Engineer, Robotics Engineer**



## Technical, CAD & Specialist roles

Some graduates develop specialist technical expertise in areas such as CAD, quality, and production support, providing essential technical input across the product lifecycle.

**Job titles: CAD Technician, CAD Manager, Quality Engineer, Technical Designer, Production Manager**



## Consulting, Commercial & Client-Facing roles

Graduates may apply their technical and design expertise in consulting, sales, or business development roles, working closely with clients and stakeholders.

**Job titles: Design Consultant, Engineering Consultant, Account Manager, Business Development Manager**



## Leadership, Management & Entrepreneurship

Over time, many alumni progress into senior leadership roles, managing teams, departments, or entire organisations. Others establish their own design studios, consultancies, or engineering businesses.

**Job titles: Engineering Manager, Design Manager, Director, Managing Director, Chief Technology Officer, Chief Executive Officer, Founder, Business Owner**



## Education & Further Study

Some graduates continue into postgraduate study, teaching, or academic research, contributing to innovation and education within design and engineering disciplines.

**Job titles: Lecturer, Researcher, Postgraduate Student**



## Industries our graduates work in now

Design & Engineering graduates are employed across a broad range of sectors where technical, creative, and problem-solving skills are in demand. The examples below highlight some of the most common and relevant industries our alumni work in, based on graduate outcomes data\*:

- Mechanical & Industrial Engineering
- Manufacturing & Production
- Automotive & Motor Vehicle Manufacturing
- Aerospace, Aviation & Defence
- Electrical & Electronic Engineering
- Industrial Automation & Robotics
- Consumer Products & Consumer Electronics
- Medical Devices & Healthcare Technologies
- Energy, Renewables & Environmental Engineering
- Oil, Gas & Utilities
- Construction & Civil Engineering
- Architecture, Design & Planning
- Design Services & Creative Industries
- Industrial Machinery & Equipment Manufacturing
- Technology & Engineering Services
- Telecommunications & Communications Engineering
- Software & Digital Engineering
- Government, Defence & Public Sector
- Higher Education & Research
- Consultancy & Professional Services



## Companies where our graduates work now

Our Design & Engineering graduates are employed by a wide range of organisations across engineering, manufacturing, design, consultancy, and the public sector. The employers listed below represent examples identified through alumni outcomes data\*:

- BAE Systems
- Dyson
- Siemens
- Rolls-Royce
- Jaguar Land Rover
- Airbus
- Network Rail
- Sunseeker International Ltd
- UK Ministry of Defence
- HM Forces
- SharkNinja
- RNLI
- Leonardo
- Thales
- Babcock International Group
- Yunex Traffic
- Local Authorities & Public Bodies
- Independent Design Consultancies

Discover more about our degrees at [www.bournemouth.ac.uk/ug-de](http://www.bournemouth.ac.uk/ug-de)

\* Graduate outcomes data reports generated by LiveAlumni LinkedIn.