

JOB OF THE WEEK

What is it?

Robotics Engineer – the main duties include designing and building machines to do automated jobs in industries like manufacturing, aerospace and medicine. You will also design prototypes, build and test machines, and maintain the software that controls them. You will also conduct research to find the most cost-efficient and safest process to manufacture robotic systems.

Day to day tasks

- research what customers want to automate
- make design using computer aided design (CAD) software
- build and test prototypes and fix faults
- analyse data from robot sensors and cameras
- report on risks, issues and project progress
- research news ways to use robots and artificial intelligence

Qualifications

4 - 5 GCSEs – grades 9 – 4 including English and Maths and Science
Level 3 College Relevant Course

Salary

Starting salary for a Robotics Engineer from **£27,500 rising to £55,500** for an experienced Robotics Engineer.

Jobs and labour market

Weekly Pay	Annual Pay
£880	£45,760
Hours/Week	Hourly Pay
37h	£24

Workforce Change (projected)

Growth	Replacement
3.3%	39.3%

Source: [Explore LMI data – LMI For All](#)

Routes into the industry

- A college course such as:
- Level 3 Certificate in Robotics and Automation
- Level 4 Diploma in Computing
- Higher National Certificate in Electrical or Electronic Engineering

Find out more at: [Robotics engineer](#) | [Explore careers](#) | [National Careers Service](#)