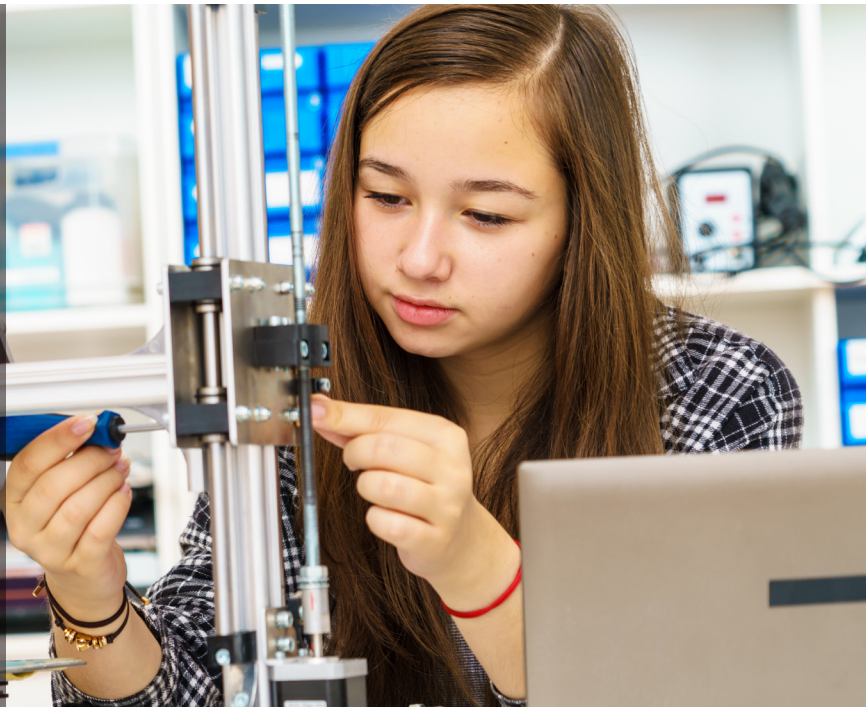


Advanced Engineering

This sector covers industries that manufacture, maintain or distribute all modes of transportation equipment, ranging from personal automobile transportation to commercial and military aircraft production. The top three employing industries in this sector are automobile dealers, automotive repair and maintenance and guided missiles, aerospace product and parts manufacture.



JOB TYPES

Check below to see the types of jobs in this sector, the demand based on the number job advertisements in the past year and what salary you could expect to earn.

| Occupation | Advertised Salary | No. of Job posts |
|-------------------------|-------------------|------------------|
| Engineering Technicians | £35,159 | 37 |
| Quality Controllers | £36,820 | 36 |
| Programmers | £40,823 | 26 |
| Human Resources | £29,110 | 25 |
| Project Managers | £35,328 | 23 |
| Administrators | £16,346 | 23 |
| Engineers | £41,952 | 22 |
| Mechanical Engineers | £45,083 | 22 |
| Metal Workers | £30,249 | 21 |
| Sales Executives | £33,827 | 17 |
| Electrical Fitters | £30,787 | 17 |
| Design Engineers | £39,901 | 16 |
| IT Analysts | £46,241 | 15 |
| Production Managers | £49,489 | 15 |
| Quantity Surveyors | £40,582 | 14 |
| Sales | £18,810 | 14 |
| Buyers | £31,176 | 13 |
| Electrical Engineers | £44,836 | 13 |

SUBJECT AREAS

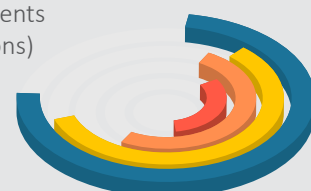
Get ahead in this sector by studying the following subjects.

-  Business Administration
-  Mechanical Engineering
-  Aerospace Engineering
-  Physics

QUALIFICATIONS

34%

of job advertisements required a BA (Hons) degree.



Day in the life...

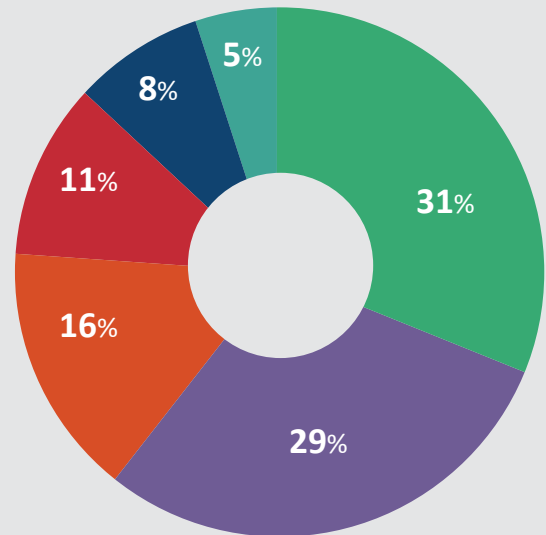


"I work in the smart repair side of the business. Smartworks covers five locations UK wide. I provide technical support, training and development of technicians, I also set up new site installations and look to improve facilities to ensure we are using the latest equipment and tooling to boost productivity and efficiency. I have recently been offered a CPD opportunity to move into a sales role with Smartworks where I will be promoting and growing the business"

- Technical Manager

JOB SHARE

The chart shows the share of job types which are currently in demand for this sector.



- Professional Occupations
- Associate Professional and Technical
- Skilled Trades
- Managers, Directors and Seniors
- Administrative
- Sales and Customer Service

TOP EMPLOYERS

Based on the number of recent job advertisements these are the largest employers for this sector in your area.

- Airbus
- Babcock International Group
- Rolls Royce Holdings
- Integral Limited
- BAE Systems
- AMEC
- Honeywell UK International
- Edwards Vacuum Limited
- Carrington West
- Biosystems Technology



If you over 16 you can apply, apprentices should work for at least 30 hours per week and an apprenticeship takes one and five years to complete, depending on the level and sector.

Apprenticeship Types

- Civil Engineering
- Mechanical and Electrical Engineering
- Mechanical Engineer
- Manufacturing Engineer
- Multi-skilled Maintenance



Want to speak with a National Careers Service adviser?

Call 0800-100-900 or webchat 8am to 10pm, 7 days per week

SOURCES

Labour Insights, Burning Glass Technologies
NOMIS
Working Futures, UKCES
BRES



prospects

Inspiring People: Developing Potential