

## ✈️ ADVANCED ENGINEERING

Advanced Engineering incorporates a number of different sectors including spacecraft, industrial process control equipment, weapons and ammunition, machine tools, optical instruments and photographic equipment and instruments. In the West of England, Advanced Engineering is primarily found in the aerospace, defence and pharmaceuticals industries.

All data represents the West of England

### SIZE OF SECTOR



**31,062**

people are employed in this sector.



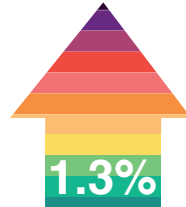
**12,304**

unique job postings between Jan 2017 and Jan 2018.



**8.3%**

of the workforce are aged 16-24 years old.



The sector is forecast to grow by 1.3% between 2017 and 2026.



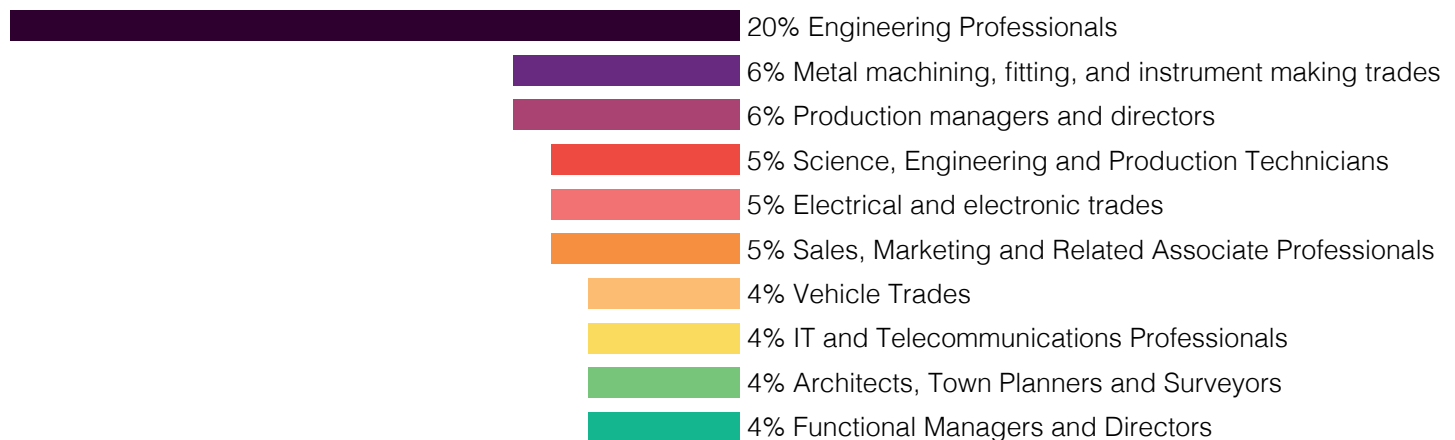
43% of advertised jobs in 2017-18 required **GCSEs**, standard grades, Level 2s/**NVQs** and **0-2 years experience**.



### EMPLOYMENT AREAS



The main areas of employment within this sector are:



## AVERAGE HOURLY WAGE

Engineering professionals	£20.00
Metal machining, fitting, and instrument making trades	£12.84
Production managers and directors	£19.92
Science, Engineering and Production Technicians	£13.70
Electrical and electronic trades	£13.70
Sales, Marketing and Related Associate Professionals	£16.56
Vehicle Trades	£12.53
Information Technology and Telecommunications Professionals	£19.83
Architects, Town Planners and Surveyors	£18.96
Functional Managers and Directors	£25.71

## SKILLS IN DEMAND

These soft skills are most commonly requested by employers:

COMMUNICATION

CREATIVITY

ORGANISATIONAL

COLLABORATION

PROBLEM SOLVING

The most requested skills specific to this sector are:

SPECIALIST	
Technical support	Customer service
SQL	Engineering
Linux	ITIL
BASELINE SKILLS	
Communication	Preventative maintenance
Problem solving	Detail orientated
Organisational skills	Planning
BUSINESS SKILLS	
Customer service	Microsoft Active Directory
IT support	Project management
Teamwork / collaboration	Mechanical engineering



## EMPLOYERS

Employers with the most advertised vacancies over the past 12 months in the West of England:

- NHS
- University of Bristol
- University of Bath
- Rolls Royce Holdings
- University of the West of England
- Babcock International Ltd
- Jacobs Ltd
- Hargreaves Lansdown Plc
- South Gloucestershire Council
- Adlib Holdings Ltd
- Weston College
- Morson International Areospace
- Airbus Ltd
- Computershare Ltd
- Boeing
- Dac Beachcroft LLP
- Sustrans

### Sources

- 1) Labour Insights - Data range 2017 / 2018
- 2) West of England LEP
- 3) EMSI - Burning Glass - Data range 2017 / 2018
- 4) Business West Skills Statements 2018

### Partners

