

MANUFACTURING SECTOR

25%

Manufacturing makes up 25% of the UK's economy

You could even be making hi-tech equipment and gadgets



This sector makes everything from cars and TVs to clothing and shoes

2.5 MILLION

There are 2.5 million people in the industry in the UK!

£26,205 per year
(average wage in the manufacturing sector)

57%

(number of employers reporting hard to fill vacancies) skilled employees are needed!

Government and industry giants are trying to encourage more females to get into science and manufacturing!

It's one of the sectors that can help the UK economy, so it's the perfect time to get involved...

THE REGIONAL TRAINING PROSPECTUS

www.opendoorsmedia.co.uk

MANUFACTURING

Careers Insight

Manufacturing is all about making things on a massive scale: cars, TVs, clothes, metal, planes, food, pharmaceuticals, fuel...it's a very important industry for the UK's economy!

Automotive

This can be anything from individual vehicle components to entire working vehicles. Car manufacturing is a big employer in Britain.

Defence

The defence industry is one of the most important clusters of high-tech manufacturers of military vehicles, equipment and components.

Chemical & Process

This industry turns raw materials into useful high street and industry products, such as plastics, pharmaceuticals, food and drink, artificial fibres and other man-made synthetic products.

Electronics

The design and production of electronic systems and components: semi-conductors, communications technology, consumer electronics, computers and other IT equipment.

Metals

The production and distribution of a range of metals. This area can be broken down to the main areas of production, fabrication and recycling.

Building Products & Process

The production of building products, coatings, extractives, glass, printing and paper, and furniture.

Manufacturing jobs

Here are some entry-level positions in the sector:

• Assembler:

Fitting components together to make a finished product. Salary starts at £13,000.

• Materials technician:

Testing the behaviour of materials under different conditions to eliminate faults. Salary starts between £14,000 and £17,000 a year.

• Process operative:

Involved in the manufacturing process, often working with machines. Salary starts between £14,000 and £19,000 a year.

GET QUALIFIED

There are lots of vocational routes into this sector...

Apprenticeships

Apprenticeships are a great way into the industry; all of these frameworks are NVQ level 2:

- Building Products Occupations
- Ceramics Manufacturing
- Coating Occupations
- Extractive & Mineral Processing Operations
- Furniture, Furnishings & Interiors Manufacturing Industry
- Glass Industry Occupations
- Laboratory Technicians
- Metals Processing
- Paper & Board Manufacture
- Polymer Processing & Signmaking
- Print & Printed Packaging
- Process Technology

Advanced Apprenticeship

You can also do an advanced Apprenticeship; all of these are NVQ level 3:

- Building Products Occupations
- Coating Occupations
- Extractive and Mineral Processing Operations
- Furniture, Furnishings and Interiors Manufacturing Industry
- Glass Industry Occupations
- Laboratory Technicians
- Metals Processing
- Paper and Board Manufacture
- Polymer Processing Operations
- Print & Printed Packaging
- Process Technology

A Levels

Here are some A Levels that are relevant to careers in this sector:

- Design & Technology
- Textiles
- Sciences

Foundation Degrees

A Foundation Degree is a university-level qualification that is equivalent to the first two years of an Honours Degree. They are different from Honours Degrees as they involve learning in the workplace as well as at university or college.

College Courses

A college course can also be a great route into this sector. To see which colleges have relevant courses in your region check out www.opendoorsmedia.co.uk.

USEFUL LINKS

- www.opendoorsmedia.co.uk - The best careers site on the web.
- www.cogent-ssc.com - The Sector Skills Council for chemicals, gas and plastics.
- www.semta.org.uk - The Sector Skills Council for Science, Engineering and Manufacturing.
- www.careersbox.co.uk - Home to a fantastic library of free careers videos.