

SECTOR FOCUS:

**National
Careers
Service**

Helping you take
the next step

Northwest &
Staffordshire

Advanced Manufacturing in Greater Manchester

Many jobs in manufacturing have changed in recent years, now more than ever businesses are using technology to make the things that people need and want. Advanced Manufacturing involves using technology such as computers, robotics or lasers to design and make everything from machinery to medicines. Employers in this sector are therefore looking for people with qualifications and skills in Science, Technology, Engineering and Maths (called STEM subjects), although work in Advanced Manufacturing involves not just the physical making of goods, but many associated practices, such as research and development, management and logistics.

Although overall the number of people employed in manufacturing locally has declined, it is still a vital part of the local economy and employment in Advanced Manufacturing has increased in recent years. There is a demand for skilled people in the sector with opportunities particularly strong in the South of the region.

What jobs are available?

Typical jobs and starting annual salaries in the sector include:



MATERIALS TECHNICIAN
£18,000



ELECTRICAL ENGINEER
£41,000



ASSEMBLER
£20,000



QUALITY ASSURANCE
PROFESSIONAL
£35,500

Fast Facts

about Advanced
Manufacturing in
Greater Manchester:



Over 3,000 employers
in the region.



Small and micro
employers dominate.



Employ around
50,000 individuals.



Engineering skills at
level 3 and level 4 are
of particular value.



Opportunities in
advanced materials and
textiles are set to grow.



It is estimated that
90% of the sector are
employed full time.



The overwhelming
majority of entrants
into the sector are
male, although there are
a number of initiatives
to attract women to
science and technology
careers.



What companies are based in Greater Manchester?

Leading Advanced Manufacturing employers in Greater Manchester include:

- BOC Ltd
- NXP Semi-Conductors UK Ltd
- PZ Cussons Plc
- Renold Plc
- Robert McBride Ltd
- Siemens
- Proctor and Gamble
- Ferranti Technologies
- Unilever
- Baxter Healthcare

How do I get into the sector?

You can get into Advanced Manufacturing via a number of routes, including:

➤ COLLEGES

Most local authority websites list nearby colleges or try the National Careers Service 'Find a course' tool at: <https://nationalcareersservice.direct.gov.uk/course-directory/home>.

➤ UNIVERSITIES

The majority of university level courses are listed on the UCAS website. To search for relevant courses go to: www.ucas.com.

➤ TRAINING PROVIDERS

Many local training providers are listed on the Greater Manchester Apprenticeship Hub website at: <http://theapprenticeshiphub.co.uk/regional-map/> or you can search using the 'Find a course' tool listed above.

➤ APPRENTICESHIPS AND TRAINEESHIPS

For general information or to search for vacancies try the National Apprenticeships service at: <https://www.gov.uk/apprenticeships-guide>.

How do I find out more?

For more information, go to:

NATIONAL CAREERS SERVICE

➤ <https://nationalcareersservice.direct.gov.uk>

SECTOR SKILLS

➤ www.semta.org.uk/careers

➤ www.cogentskills.com/careers

WHERE STEM CAN TAKE YOU

➤ <http://www.wherestemcantakeyou.co.uk/index.html>

TOMMORROW'S ENGINEERS

➤ www.tomorrowsengineers.org.uk