

Engineering and Manufacturing is a very broad area where you will need the ability to solve technical problems. This could be to produce safe and effective product designs or to create optimised manufacturing processes. You will need some knowledge of maths and science and you will be interested in how things work. The Isle of Man engineering sector offers many job opportunities which you can learn more about at www.engineeringiom.com and some examples are listed below. Engineering is an important and growing part of the Isle of Man economy and the demand for qualified and skilled engineers is growing here and all over the world.



The Job

Professional Engineer

Design, develop and validate sophisticated products and processes. Apply advanced knowledge of maths and science to solve problems. Manage projects and teams of skilled people. Invent new products and make a positive contribution to the improvement of existing technologies.

Leading other people; creative and practical; using computers to simulate product or process performance (eg. Computer Aided Design); strong analytical and problem solving skills; good communication skills; a willingness to take responsibility and work under pressure.

From
£25,000 to
£60,000
(Typical)

Maths, science and technology. Problem solving. Innovation.

Qualifications

GCSE?

8+

Including Maths, Sciences, Engineering, D&T, ICT, English

A Levels?

3+

Including Maths, Sciences, D&T

Degree?

Y

Engineering related

Other?

Engineering Technician or Operator

Apply a combination of engineering theory and practical skills to support the development and manufacture of complex products (mechanical and/or electrical/electronic). Be able to build, maintain and improve existing products and processes. Be happy to work in a factory, laboratory or office environment and learn to maintain and run mechanical and/or computer controlled equipment.

Practical application of technology. Attention to detail and quality workmanship.

From
£20,000 to
£40,000
(Typical)

Creative and practical. Able to operate complex machinery (with appropriate training). Willing to use work instructions such as technical drawings or assembly/maintenance instructions. Mechanical or craft skills and/or computing/PLC programming skills. Good team working skills.

5+

Including Maths, Sciences, Engineering, D&T, ICT, English

Preferred but not required

Not required

NVQ's, HNC, HND or equivalent
Apprenticeship

