

Engineering & Technical CareerGuide



Why work in Engineering & Technical?

Engineering is an exciting industry with a multitude of career opportunities and many Engineers cite the variety and challenging nature of their work among the main aspects that they enjoy about their profession.

Engineering can offer a chance to continually develop and improve a product or range of products, which gives real value and a sense of pride.

Is Engineering & Technical right for me?

In addition to the technical know-how gained during your training, there are a number of other attributes you should be able to demonstrate. These include:

- ✓ Communication skills
- ✓ Team work
- ✓ Creativity/ initiative
- ✓ Problem Solving
- ✓ Time and project management

What qualifications do I need?

Beyond A levels (for which you should have Maths or a Science subject), you will need to have an Engineering related degree or apprenticeship. Many companies will have a preference towards having a Masters too.

If you are serious about a career in Engineering, you should aspire to become professionally qualified as an Incorporated Engineer (IEng) or Chartered Engineer (CEng).

What makes a good Engineering CV?

- ✓ Achievement statements which show how your contribution to a project drove results
- ✓ Many Engineering employers look very favourably on achievements and experiences outside Engineering, summarise achievements such as fundraising and voluntary work
- ✓ Tailor your experience and achievements to the specific sector you're applying for
- ✓ Include CAD packages and materials worked with on design CVs
- ✓ Be specific about the type of machinery you have worked with

Sectors include:

- ✓ Manufacturing
- ✓ Infrastructure
- ✓ Medical Devices
- ✓ Aerospace
- ✓ Defence
- ✓ Built Environment
- ✓ Energy & Utilities
- ✓ Healthcare & Pharmaceuticals
- ✓ Telecoms
- ✓ Transport

Progression example:

Design Engineer or
Manufacturing Engineer



Programmer



Machinist



Apprentice Machinist



Average starting salary

£18,000*



Highest Earners

£75,000*