

What jobs can I do in

ENGINEERING?



CHEMICAL ENGINEER

The role of a Chemical Engineer is to design and develop a diverse range of products using raw materials. The products created are usually petrochemicals, medicine and plastics.

A Chemical Engineer will work on altering the chemical, biochemical and physical state of a material and transform it into another substance, such as making plastic from oil.

The industries they work in can include energy, food and drink, oil and gas, pharmaceuticals, plastics, toiletries or water treatment.

ELECTRICAL ENGINEER

Electrical Engineers design, develop, and test electrical devices and equipment. These include communications systems, power generators, motors and navigation systems, and electrical systems for automobiles and aircraft. They also manage the manufacture of these devices, systems and equipment.

MECHANICAL ENGINEER

Mechanical Engineers design, build, install and service mechanical machinery, components and tools for a range of industries. These include small component designs and large plants, machinery or vehicles.

Mechanical Engineers work on all phases of a product. From research and development to design and manufacture, through to installation and commissioning.

CIVIL ENGINEER

Civil Engineers plan, design and manage large construction projects such as bridges, buildings, transport links and other big structures.

They create project blueprints which advise contractors on the best course of action and help reduce environmental impact and risk.



MORE INFORMATION ABOUT CAREERS IN ENGINEERING

For more information on careers in the engineering industry contact Careers Advisor, Mrs Clelland. You can also visit websites such as [The Engineering Council](#)) or [The Society of Engineers](#). Also check out university courses in engineering and consider industry networking events.