

# Let's talk... Engineering

Many students aspire to be an Engineer. But the question I ask in response is, "what type of Engineer?". Let's explore the Engineering possibilities

**Chemical Engineering** 

£29,000 - £60,000 average UK Salary

Chemical Engineers design and manufacture materials and products using scientific principles from chemistry, biology, math and physics. They can work with microorganisms, food, pharmaceuticals and fuels. Chemical engineers research and design the machines, chemicals and activities which help create stuff from raw materials.

## **Civil Engineering**

£24,000 - £80,000 average UK Salary

Civil Engineers plan and manage building projects including the intricate details of constructing transportation systems, dams, bridges, tunnels, roads, airports, water supply systems and buildings. A great deal of civil engineering uses the application of physics and maths to understand the stability of different types of structures.

## **Mechanical Engineering**

£22,000 - £55,000 average UK Salary

Mechanical engineers have the skill of designing machinery and components including technical drawings, statistics, mechatronics, and fluid mechanics. Mechanical engineers usually work with machinery and are responsible for improving existing mechanical technology and designing new machinery. Careers include manufacturing, theme park ride design and robotics.

# **Electrical Engineering**

£20,000 - £60,000 average UK Salary

Electrical Engineers work with a variety of systems, devices and components from power stations to microchips. There are several categories to work in such as; batteries, motors, power generation, telecommunications, video, audio and many more. You don't need a degree to get into electrical engineering, you can become a technician.

#### Other Engineering Careers:

Aerospace engineering Architectural engineering Audio engineering Automotive engineering Broadcast engineering Design engineering

Agricultural engineering Biomedical engineering Computer engineering Energy engineering

Environmental

Food science engineering

Geological and geophysical engineering

Maintenance engineering **Industrial Engineering** 

Manufacturing engineering

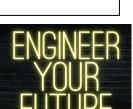
Marine engineering Materials engineering Mining engineering Nanoengineering

Nuclear engineering

Rail engineering

Structural engineering Telecoms engineering

There are still many more!





# HARLOW COLLEGE

# OPEN EVEN





# 4TH & 5TH JULY 2023, 5-9P



Thursday 4th May 2023 - 17:30 to 20:00

Thursday 29th June 2023 - 17:30 to 20:00

# OF THE WEE

## **HOTEL PORTER**

Hotel Porters welcome guests, carry their luggage and answer guest's questions.

To become a hotel porter it is recommended that you have some hospital or customer service experience or qualifications.

Average Salary: £14,000 -£19,000

#### Watch the Job of Week Video here!

https://www.youtube.com/watch?v=rp5o x2mDxjc&list=PLVEWa7uIDT769WGUTc -IOca4dJRIPatZ&index=9

