



# Let's talk... Engineering

## HARLOW COLLEGE

### OPEN EVENING

28 March 2023 5-8pm



Stansted Airport College  
Part of Harlow College

### OPEN EVENT

Thursday 20<sup>th</sup> April 2023 5-8pm



LONG ROAD SIXTH FORM  
COLLEGE  
CAMBRIDGE

### LONG ROAD OPEN EVENINGS

4TH & 5TH JULY 2023, 5-9PM



Hertford  
Regional  
College

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

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

## JOB OF THE WEEK

### 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=rp5ox2mDxjc&list=PLVEWa7uIDT769WGUTc-IOca4dJRIpatZ&index=9>



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	Agricultural engineering
Architectural engineering	Audio engineering
Automotive engineering	Biomedical engineering
Broadcast engineering	Computer engineering
Design engineering	Energy engineering
Environmental	
Food science engineering	
Geological and geophysical engineering	
Industrial Engineering	Maintenance engineering
Manufacturing engineering	
Marine engineering	Materials engineering
Mining engineering	Nanoengineering
Nuclear engineering	
Rail engineering	
Structural engineering	<b>There are still many more!</b>
Telecoms engineering	

## ENGINEER YOUR FUTURE

