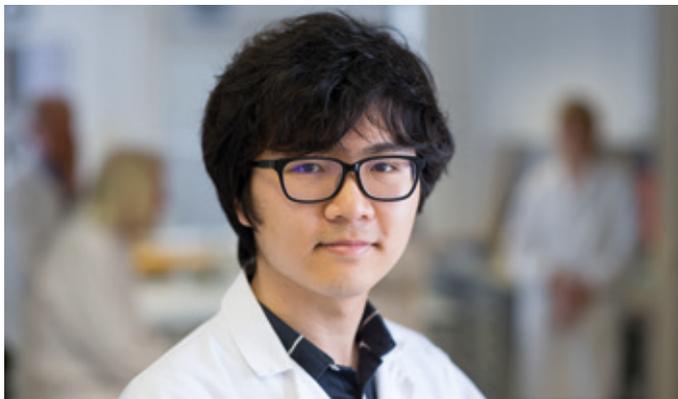




# ENGINEERING

## How to become an engineer

- Study the right A-Levels - **Maths** and **Physics** are essential, while **Further Maths** and **Chemistry** are useful too
- Earn a bachelor's degree in engineering
- Gain engineering experience (work placement, apprenticeship, etc.)
- Join a professional engineering body, such as the Institution of Civil Engineers



## Types of Engineer

### Chemical engineer

Works principally in the chemical industry to convert basic raw materials into a variety of products and deals with the design and operation of plants and equipment.

### Civil engineer

Designs, plans, constructs and maintains the physical and naturally built environment, including roads, bridges, canals, dams, buildings and more.

### Electrical engineer

Designs, develops and tests new electrical equipment, working with anything from nanotechnology to telecommunications, renewable energies and more.

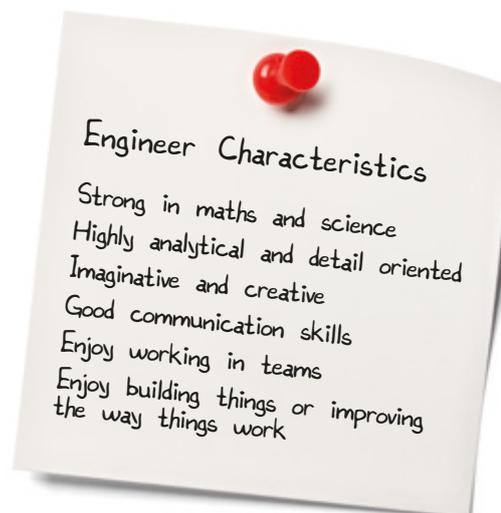
### Mechanical engineer

Deals with mechanical systems, including designing, developing, researching and maintaining. Mechanical engineering is one of the most diverse of engineering disciplines.

## Entry Requirements

* UNIVERSITY	GRADES
1 Oxford	A*A*A*
2 Cambridge	A*A*A*
3 Imperial	A*AA
4 UCL	AAA - AAB
11 Warwick	A*AA - AAA
12 Durham	A*AA - AAA
18 Leeds	A*AA - AAA
23 Lancaster	AAA - ABB
35 Bath	AAA - AAB
39 Loughborough	A*AA - ABC

\* Displayed in ranking order according to The Times Higher Education UK Universities 2018 League Table.



**Scholarship Opportunities**

*"The quality of teaching is great and the enthusiasm teachers have for their subject inspired me to explore the subjects further outside of lessons."*

Lisha, A Level Further Maths, Physics, A,A\*  
Now studying Natural Sciences at Cambridge University

# ENGINEERING

Want to be an Engineer? Oxford Tutorial College will set you on the right path to your dream career.

It starts before you even enrol! You will receive:

- **Expert advice** from our principal and senior academic team to ensure you are taking the right subjects for the career you want to pursue.
- **Personalised learning** – teachers and senior tutors will support you throughout your time at Oxford Tutorial College, ensuring that you are happy and confident in your learning.
- **Regular meetings** to receive careers advice and to guide you through choosing and applying to universities that suit you.
- **Opportunities** to continue and develop your skills outside of lessons, through clubs, societies and activities.
- **Continued support** after your results - as much or as little as you need, even if it's just a well-deserved 'Congratulations'.
- In addition to all this, you'll receive up to **40% off your tuition fees**.

Scholarships are assessed individually, but applicants should expect to have:

- English proficiency (above course entry requirements)
- Excellent school reports with a track record of academic success
- Strong aptitude and interest in their chosen academic field
- A successful interview

Email: [admissions@oxfordtutorialcollege.com](mailto:admissions@oxfordtutorialcollege.com)

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## How to apply



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