

HARROW COLLEGE & UXBRIDGE COLLEGE (HCUC)

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# MECHANICAL ENGINEERING

## STUDY PACK

**HCUC**

A merger between Uxbridge College and Harrow College

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COLLEGE

**UC**  
UXBRIDGE  
COLLEGE

## Year 11 into BTEC National Foundation Diploma in Mechanical Engineering

So you want to be an Engineer, the following resources will kick start your journey into Engineering.

The Royal Society of Engineers

<https://www.raeng.org.uk/RAE/media/Publications/Curriculum%20resources/Deployable%20Structures/Rolling-bridges.pdf>

<https://www.raeng.org.uk/RAE/media/Publications/Curriculum%20resources/Winning%20Medals/Winning-medals-student-version.pdf>

<https://www.raeng.org.uk/RAE/media/Publications/Curriculum%20resources/Mission%20to%20Mars/Mission-to-Mars-student-guide.pdf>

This is Engineering

[https://www.thisisengineering.org.uk/?utm\\_source=TE&utm\\_medium=homepage&utm\\_campaign=TIE&utm\\_source=TE&utm\\_medium=homepage&utm\\_campaign=TIE](https://www.thisisengineering.org.uk/?utm_source=TE&utm_medium=homepage&utm_campaign=TIE&utm_source=TE&utm_medium=homepage&utm_campaign=TIE)

Tomorrow's Engineers <https://www.tomorrowsengineers.org.uk/media/1947/te-booklet-web-from-idea-to-career.pdf> <https://www.tomorrowsengineers.org.uk/media/1660/te-engineering-at-university-booklet.pdf>

Institute of Mechanical Engineers <https://www.imeche.org/careers-education/careers-information/further-education-and-6th-form>

Institute of Civil Engineers <https://www.ice.org.uk/what-is-civil-engineering>

# CONTACT US:

## UXBRIDGE COLLEGE

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### Uxbridge Campus

Park Road,  
Uxbridge,  
Middlesex  
UB8 1NQ

### Hayes Campus

College Way,  
Coldharbour Lane,  
Hayes,  
Middlesex  
UB3 3BB

T +44 (0)1895 853333  
[www.uxbridgecollege.ac.uk](http://www.uxbridgecollege.ac.uk)

## HARROW COLLEGE

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### Harrow-on-the-Hill Campus

Lowlands Road,  
Harrow,  
Middlesex  
HA1 3AQ

### Harrow Weald Campus

Brookshill,  
Harrow Weald,  
Middlesex  
HA3 6RR

T +44 (0) 020 8909 6000  
[www.harrow.ac.uk](http://www.harrow.ac.uk)



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