

# ARE YOU

# COLLEGE READY?

## What is EAL Level 2 Engineering Technologies?

Do you have an interest in the physical world and how things work as well as technology and new developments? Do you love problem-solving and have an aptitude for maths? Our engineering course will meet all of these needs and more!



## Research to help you with your course next year



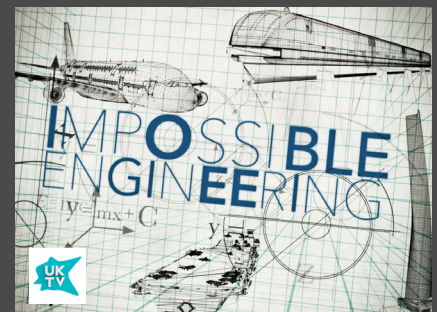
Watch one (or more!) of the documentaries below about the feats of engineering:  
Available on YouTube, UKTV Play or Netflix.



SEVEN WONDERS OF THE INDUSTRIAL WORLD



MECHANICAL MARVELS:  
CLOCKWORK DREAMS



IMPOSSIBLE ENGINEERING

Read the following PDF on the Engineering Technologies Qualification Specification.

[https://eal.org.uk/images/QualSpec\\_601-5669-7.pdf](https://eal.org.uk/images/QualSpec_601-5669-7.pdf)



Use the following websites to develop understanding of Engineering Sector:

- [engnity.org](http://engnity.org)
- [www.insitetechnical.com](http://www.insitetechnical.com)
- [www.theengineer.co.uk](http://www.theengineer.co.uk)
- [www.engineeringuk.com](http://www.engineeringuk.com)

## College Ready Tasks



### TASK 1

Research a range of job roles within this field such as CNC Machinist, CAD operator or Mechanical Technician.



### TASK 2

Explain what a "multi-disciplinary approach" is in Engineering and why and when it might be used.



### TASK 3

Find out about Greater Manchester's industrial sector, what industries are local and what types of engineering roles they require.

Good luck with your tasks, enjoy your Summer and I look forward to welcoming you to Trafford College in September. Any questions please contact me on [oliver.shaw@tcg.ac.uk](mailto:oliver.shaw@tcg.ac.uk).