



## Expand your knowledge of General Engineering

If you are interested in studying Engineering either at degree level or via an apprenticeship you may want to investigate it further to extend your knowledge in preparation for applying and interviews. The following resources will help with this.

### Podcasts

[Engineering In Real Life](#)  
[The Engineering Student Experience](#)  
[Engineering Matters](#)  
[Engineering Heroes](#)

### Webinars

[Royal Academy of Engineering](#)

### Engineering Resources

#### [Born to Engineer](#)

This website has been designed to promote engineering and support the UK's next generation of engineers.

#### [Engineer Student](#)

This website is aimed primarily at mechanical engineering students who are studying up to National Diploma/Certificate levels.

#### [Student Circuit](#)

Resources and information for students of electronic and electrical engineering at all levels of study.

#### [Engineering.com](#)

Engineering information and connections for the global community of engineers

### Professional Engineering Bodies

There are 35 professional engineering institutions registered with the Engineering Council, too many to mention here. A few are listed below:

[Energy Institute \(EI\)](#)  
[Institution of Civil Engineers \(ICE\)](#)  
[Institution of Chemical Engineers \(ICHEM\)](#)  
[Institution of Engineering Designers \(IED\)](#)  
[Institution of Engineering and Technology \(IET\)](#)

[Institute of Marine Engineering, Science & Technology \(IMarEST\)](#)  
[Institution of Mechanical Engineers \(IMechE\)](#)  
[Institution of Structural Engineers \(IStructE\)](#)  
[Royal Aeronautical Society \(RAeS\)](#)

## Magazines

### [The Engineer](#)

This international digital newspaper hosts a blog dedicated to corporate accounting and provides updates/news on the financial and accounting world.

### [Engineering and Technology Student Magazine](#)

Student Magazine from the Institution of Engineering and Technology

## Books

The following books might be available in a local library, it is not suggested that you buy them.

Sustainable Energy – Without the Hot Air by David J.C. MacKay

Published by UIT, 2008

This book is available as a free download from [www.withouthotair.com/download.html](http://www.withouthotair.com/download.html)

Basic Engineering Thermodynamics: P B Whalley (OUP)

Engineering in Society edited by Rob Lawlor

An e-book published by the Royal Academy of Engineering that is available as a free (pdf) download from [here](#).

## Online Learning

Find short online courses based on your subject interests on the following platforms. Courses are usually free and can be completed in a few hours a week over a two- or three-week period. You can usually start courses on a date to suit you. These courses are also known as MOOCS (Massive Online Open Courses).

[FutureLearn](#)

[Coursera](#)

## Videos

Explore engineering related videos on [YouTube](#)

See also [TEDx Talks](#)

## Public University Lectures and Events

You can also find some relevant public lectures or online events through the following:

[Oxford University Events](#)

[Cambridge University Major Public Lectures](#)

[Edinburgh University Public Lectures](#)

[Gresham Lectures](#)

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