

Engineering Resources

Websites

Click on the links below to access the information.

[I want to Study Engineering](#) will help you to compete for places in engineering courses at university.

Click on the digital version of the [Student Engineer](#)

Access the pages of the [Institution of Engineering and Technology](#).

Use the [Khan Academy](#) to learn about Engineering, Maths and Physics.

Learn about Physics from GCSE Level to A level.

Use [Physics net](#) to access their resources.

Books

The main shelf numbers for textbooks on this subject are:

510	Mathematics
530	Physics
540	Chemistry

E- Resources

All the resources below are available online through the college network or at home.

Books that may will be of interest to you for your learning needs on ProQuest /Ebook Central

Basic Engineering Mathematics
 Edexcel A Level Physics Student
 Edexcel A Level Physics Year 2 Student
 AQA A-level Physics Year 1 : For A-level Year 1 and AS
 AQA A Level Physics Student Book 2
 Revise OCR AS/A Level physics revision guide
 BTEC National Engineering Student Book
 Materials for Engineering
 BTEC National construction: Building services engineering and civil engineering
 Electrical Circuit Theory and Technology
 Electrical and electronic principles and technology
 AQA A level mathematics year 1 : for A level year 1 and AS
 AQA A level mathematics Year 2
 Edexcel A level mathematics year 1 (AS)
 Edexcel A level mathematics year 2
 OCR A level mathematics Year 1 (AS)
 OCR A level mathematics year 2
 Edexcel AS and A level mathematics for further mechanics 1 textbook

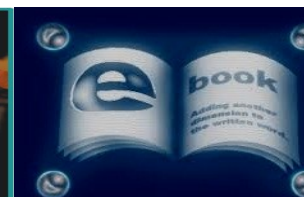
Useful links

Click on the links below to access all the E-resources and the library catalogue.

Access all the e-books, journals and databases that are available to you.
[E - resources](#)

Access the library catalogue to check if your library has the books you need for your studies.
[Library Catalogue](#)

Always remember that the Learning Centre staff are here to help you.



Engineering Resources

Websites

Understand [how products are made](#), this website explains the manufacturing process.

Learn about different aspects of engineering such as calculus, dynamics, and mechanics of materials through the [engineer 4 free](#) Website.

The [Physics Classroom](#) provides valuable information about learning about Physics.

Here you have access to free [engineering books](#)

Credo

Credo is an online library database, it contains many articles, books and a mind map feature which is really useful for assisting you with your assignments.

Books, which may be useful are:

50 Physics Ideas You Really Need to Know
The American Heritage Student Science Dictionary
Manufacturing Engineering Handbook
The Penguin Dictionary of Physics

MyMaths and Maths Net

If you are studying for GCSE level Mathematics you can access MyMaths or if you are doing more complex maths for A level standard then use MathsNet.

Journals

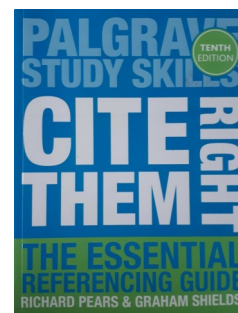
The Physics Review

Sage and Science Direct have a very good range of journals that you can access using Open Access resources - some of the resources are at a higher level than A level standard, however the journals are very good especially for research purposes.

Harvard Referencing

We recommend that you use the Harvard Referencing handbook.

The cite them right : the essential referencing guide is an excellent book to help you. Please use the 10th or 11th edition.



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