

# Guide to...

## Computing and Technology Resources

This guide is designed to help you to use the **University Library** to find information on subjects taught within the Department of Computing and Technology. The Library has a wide range of relevant material both in print and online.

### Books, E-Books and Multimedia

Use the **Library Website** to find books, E-Books and DVDs on your subject. Access is at [www.libweb.anglia.ac.uk](http://www.libweb.anglia.ac.uk) or from terminals within the Library. Use the website to search for books from module reading lists, and for finding other material useful for your studies. The classification number shown in the Location column in your results is the key to finding books on the shelves. Look for the numbers on the spine of the book.

Some useful class numbers for are:


Computer Systems	003	Computer Science	004
Computer Networking	004.6	Cloud Computing	004.6782
Computer Programming	005.1	Data Security	005.8
Computer Graphics	006.6	Multimedia Systems	006.7
Engineering Mathematics	510.2462	Engineering Mechanics	620.1
Electronics	621.381	Computer Engineering	621.39
Communications Eng	621.3822	Sound Recording	621.3893
Mechanical Engineering	623.045	Project Management	658.404
Information Systems	658.4038011	Metallurgy	669
Manufacturing	670		



Books at these numbers are located on the second floor of the Library.

Your results may include online books, or E-books, as well as print books. **E-Books** can be accessed from the search results by following the 'click here for access' link. You will be prompted to log in to reach the full text of the book. Once you are logged in you will be able to view the whole book online, or download and print a limited number of pages.

### Journal Articles, research papers and more

You can use the **Library Website** to find journal articles and research papers relevant to your subject.

Using **Quick Search** will find mostly full-text material from a set of pre-selected resources. Click on the pdf icon  to link to full-text articles.

For more in-depth searching, use the **Advanced Search** option. Select Computing and Technology from the drop-down menu and click go. This will present a list of general databases and websites relevant to your subject. You will also see sub categories for resources specific to Technology. Click on a resource title to access it. The Library website also allows you to cross search databases. Tick the box next to a resource and enter your search terms in to the boxes above. Several databases can then be searched at once and results can be displayed together. Articles with full-text available should show the pdf icon . If not, click on the title and then **Check Full Text**  to see if the article is available.

To find specific journals, search for the title using the **Journal Finder** option. **Print Journals** are shelved alphabetically by title on the first floor of the library. **E-Journals** are accessed by logging in to the library website and can also be found using the **E-Journals search**. **The Appendix** to this guide includes a list of our current journals related to Computing. Use the Library Website to check which years our subscription covers.

### Improving your results

Don't be afraid to experiment by choosing different sets of resources to search. You may find that you get **too many** results when searching the Digital Library. If so, perhaps you may be cross searching too many resources at once. Making your search terms as specific as possible will also help to narrow your search and make your results more relevant. If you get **too few** results, don't give up. Try thinking of alternative words to search with or try using different resources. **Pilot** is a library website designed to help you develop your search strategy to get better results: [www.libweb.anqlia.ac.uk/pilot](http://www.libweb.anqlia.ac.uk/pilot).

### Full Text Resources from other Libraries

Books and journal articles that are not available either printed or online from any of the University Library sites may be obtained by submitting an Inter Library Loan (I.L.L.) request. There is a charge of £2 per item. See the library website for more details: [www.libweb.anqlia.ac.uk/services/ill.htm](http://www.libweb.anqlia.ac.uk/services/ill.htm).

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## Referencing

You need to cite and reference other people's work correctly if you use it within your own work. Your Department uses the Harvard System of Referencing. Further information and examples can be found in the Library's 'Guide to the Harvard System of Referencing' at [www.libweb.anqlia.ac.uk/referencing/harvard.htm](http://www.libweb.anqlia.ac.uk/referencing/harvard.htm). It is important to **keep good records** of all the material that you read for your work so that you can reference other people's work correctly.

All of your references, regardless of their source, can be managed using the bibliographic management tool, **RefWorks** at [www.libweb.anqlia.ac.uk/referencing/refworks.htm](http://www.libweb.anqlia.ac.uk/referencing/refworks.htm). Refworks can help you create reference lists in the Harvard style. It is available both on and off-campus once you have logged on to the Library website.

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## Help

Help is available in a variety of ways:

- Use our general 'Ask Us' page under 'Help and Advice' on the Library website at [www.libweb.anglia.ac.uk/askus](http://www.libweb.anglia.ac.uk/askus). From here you can access our Online Enquiry Service and our Online Chat service.



- Come and speak to a member of staff at the Enquiries Desk within the library.
- Contact one of the Science and Technology librarians. If your enquiry is detailed or you just feel you need more help, you can arrange an individual appointment via the "Book-A-Librarian" link on the Library Web Page.

Martin Case	(Chelmsford)	<a href="mailto:martin.case@anglia.ac.uk">martin.case@anglia.ac.uk</a>
Elaine Newell	(Cambridge)	<a href="mailto:elaine.newell@anglia.ac.uk">elaine.newell@anglia.ac.uk</a>

- Use our range of guides to help you make the most of our resources. These include guides to individual databases, using the library website, and Harvard Referencing. These are all available on the library website at [www.libweb.anglia.ac.uk/guides/guides.htm](http://www.libweb.anglia.ac.uk/guides/guides.htm).
- Each semester the Library a series of study skills drop-in sessions in conjunction with Student Support Services called **Skills@Uni**. These cover topics such as essay writing, evaluating information, and referencing. Details of sessions can be found at [www.libweb.anglia.ac.uk/helpdesk/train.htm](http://www.libweb.anglia.ac.uk/helpdesk/train.htm).
- **PILOT** is our online information literacy tutorial which aims to help you develop your information skills – use PILOT to learn at your own pace or to back-up sessions. Access is from the library website [www.libweb.anglia.ac.uk/pilot](http://www.libweb.anglia.ac.uk/pilot).

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## Key Journals

### Print Journals

#### Cambridge

#### Chelmsford

Animation Magazine	Computer Active
Digital Arts	Computer Arts (Including Special & Project Supplements)
Digital Signal Processing*	Computers and Education*
High Definition Magazine* (online version listed as a database)	IEEE Transactions on Communications*
Information and Software Technology*	IEEE Transactions on Image Processing
IT Now*	IET Communications*
Linux Journal*	Information Systems Journal*
Music Tech Magazine	Learning Media and Technology*
Microprocessors and Microsystems*	New Review of Hypermedia and Multimedia
Software Testing, Verification and Reliability	New Scientist

\*indicates online access

### Online Journals

ACM Transactions on Computer Systems  
ACM Transactions on Database Systems  
ACM Transactions on Graphics  
ACM Transactions on Software Engineering and Methodology  
Byte  
Campus- Wide Information systems  
Communications of the ACM  
Computer Aided Design  
Computer-Aided Engineering  
Computer Law and Security Report  
Expert Systems  
Expert Systems with Applications  
IET Computers & Digital Techniques  
IET Communications  
Information Management and Computer Security  
Information Security

## Key Databases

<b>Academic One File</b>	This is a general database covering a wide range of subjects including Computing with a large proportion of articles available in full text.
<b>ACM Digital Library</b>	A key database for Computer Science this is a collection of citations and full text from ACM (Association of Computer Machinery) containing journals, newsletters and conference proceedings.
<b>Computer and Information Systems Abstracts and Electronics and Communications Abstracts (CSA)</b>	These are cross-searchable databases covering all aspects of computing, computers, and electronics You will be able to link to full text of articles where available.
<b>Emerald Fulltext.-</b>	Although the content of this database is primarily international management, it also contains a substantial number of engineering, applied science & technology titles.
<b>Safari Tech Books Online</b>	Searchable online books for IT professionals from the following major publishers: Addison-Wesley, Cisco Press, New Riders, O'Reilly and Associates, Peachpit, Prentice Hall, Que and Sams. Full text books are available through the catalogue; previews are available of all books.
<b>Science Direct (Computer Science subject area)</b>	A database of over 1,500 scientific, technical and medical journals, and Anglia Ruskin University Library members have full text access to over 1,000 titles, including online access to Elsevier journals.

## Reliable Websites

The following are examples of useful links which you will find in the Library Website.

<b>msdn</b>	An essential source of information for developers using Microsoft® tools, products, technologies and services.
<b>Intute: Science, Engineering &amp; Technology : Computing</b>	The Intute Computing Gateway provides free access to high quality resources on the Internet. Each resource has been evaluated and categorised by subject specialists based at UK universities. The target audience is students, staff and researchers in higher and further education.
<b>Comp Info Computer Information Centre</b>	A subject gateway covering the computer industry and including business directories, software and hardware product information and links to all types of computer journals.
<b>Google Scholar</b>	Use with the Library Website to take advantage of Anglia Ruskin resources. See the Library Website for more details: <a href="http://www.libweb.anglia.ac.uk/scholar.htm">www.libweb.anglia.ac.uk/scholar.htm</a>