

Factsheet 57

Computing Sources of Information in the Library

This factsheet can be made available in alternative formats. Please make your request at any service point in the Library, telephone 01642 342117 or email dasld@tees.ac.uk

The Library provides access to a range of materials to support computing students. Most computing stock is located on Floor 3, but you may find that you sometimes need material from Floors 1 or 2. For example, computer law is on Floor 2.

On the subject floors, you will find:

Books

- Course texts (often in multiple copies) recommended on reading lists for your module
- Manuals and practical handbooks for particular packages or languages e.g. Dreamweaver, Flash, Java
- Background reading

DVDs

The Library stocks items such as:

- Tutorials for particular packages e.g. Maya, Zbrush
- Animated films and feature films relevant to the history of animation
- Recordings of TV broadcasts

These DVDs will either be interfiled with the book stock or shelved at the Service Counter on the Ground Floor.

The Catalogue

To find out what is in the stock and where it will be located, use **The Catalogue**. ([Factsheet 6](http://lis.tees.ac.uk/factsheets/fs06.pdf) – <http://lis.tees.ac.uk/factsheets/fs06.pdf> will help you).

You can search for individual items by author, title or keyword or for material on a particular topic by browsing the **Subject** list under Further Search Options. The subject list includes all topics represented by material in the Library.



Reading Lists

From The Catalogue you can also go to the Reading Lists service. This simplifies the process of tracing all the resources for a particular module, helping you to locate books and to link directly to electronic materials.

Below is a list of subjects you might find useful, together with the number at which they are shelved. The numbers are located on Floor 3, unless otherwise stated:

Animation	006.696	
Animated Film	778.5347	
Business Computing	658.054	(Floor 2)
Computer Engineering	621.38195	
Computer Games	006.69	
Computer Graphics	006.6	
Computer Law	343.0999	(Floor 2)
Computer Networking	004.6	
Computer Programming	005.1	
Computer Programming Languages (in alphabetical order)	005.133	
Computer Science	004	
Computers: Social Effects	303.4834	(Floor 1)
Databases	005.74	
Data Security	005.8	
Desktop Publishing	070.59	
Digital Photography	770.285	
Expert Systems	006.33	
Information Society	303.4833	(Floor 1)
Information Technology	004	
Internet	004.678	
Management Information Systems	658.4038	(Floor 2)
Multimedia	006.7	
Software	005.3	
Systems Analysis	004.21	
User Interfaces	004.019	
Visualisation	006.6	
Web Design	006.7	
Web Programming	006.76	

Computer Games

A number of video games are located in the Library, to support modules in games design and the history of computer games. The games are available for loan from the Service Counter on the Ground Floor. To see a listing of the items in stock, go to Further Search Options on The Catalogue, and browse the classification list using the search term 006.69 within the Computer Games collection.

E-Books

Some books are available in electronic format, enabling you to access them without needing to visit the Library. Just follow the 'Connect to ebook' link from the Catalogue record of the title. You will be prompted for your university ICT username and password to allow you to login.

Journals

Journal articles provide the most up-to-date information and research. Most journals are available electronically. To look for a specific journal title, use the Journal Finder form on the L&IS home page. For a subject listing of e-journals relevant to computing, go to 'Subject Guides': select 'Computing' from the drop-down menu and then follow the 'E-journals' link.

Some journals are only available in print form, and are shelved at the back of the Library on Floor 3 (class number J001 for computing; J700 for art). All print journals kept by L&IS are listed on The Catalogue.

For more information on locating journals in the Library, see the journals section of the Info Skills tutorial (at http://lis.tees.ac.uk/infoskills_gen).

Online Databases

The quickest and most efficient way of locating journal articles or conference papers on a particular topic or by a particular author is to use one of the specialist search engines called online databases. For a subject listing of databases relevant to computing, go to 'Subject Guides': select 'Computing' from the drop-down menu and then follow the online databases link.

The following databases are particularly useful for tracing computing papers:

- **ACM Digital Library**
Contains reviews and full text articles from ACM journals and conference proceedings. Includes material produced by special interest groups such as SIGGRAPH.
- **IEEE/IET Electronic Library (IEL)**
The IEEE publishes a number of key computing journals and conference proceedings.
- **Lecture Notes in Computer Science online**
LNCS publications report the latest results from all areas of computer science and information technology research, development, and education.

The subject guide for 'Games and Animation' links through to a number of databases such as Art Full Text that cover more artistic content.

Databases for other purposes:

- **Ebrary**
Ebrary is a growing collection of over 44,000 full-text books. It covers multiple subject areas.
- **Mintel Oxygen**
Intel is a marketing database containing detailed reports on current market information including subjects such as electronic consumer goods
- **Safari**
Safari Books Online includes the full-text of around 200 books covering the subject area of computing.

Other databases which could also be useful:

By following the link to **E-resources via Search It** from the L&IS home page, you can search a number of other journals databases in a single 'Start It' search. Databases covered include:

- **Business Source Premier**
An online database covering US and UK publications, particularly useful for IT business applications. Many of the articles are available as full text.
- **Scopus**
The world's largest abstract and index database covering 14,000 scientific, technical, medical, social science, psychology and economic journal titles.
- **ZETOC Electronic Tables of Contents**
A searchable database of nearly 15 million journal articles from over 20,000 current journal titles and titles of papers from 70,000 volumes of conference proceedings. The database covers a wide range of subject areas from 1993 to date.

More information on using 'Search It' is available from Factsheet 47 at

<http://lis.tees.ac.uk/factsheets/fs47.pdf>

The collection of online databases also includes more general resources. For example, **newspapers** are a source of useful information and can be accessed online either from **Newsbank** online database, or by searching for newspaper articles from the 'Search It' home page.

Images and Sound

Some online databases are particularly good sources of images, for example, **Anatomy TV**, **Education Image Gallery** and **Film and Sound Online**. To find the most relevant databases, follow the link to 'Databases by Subject' from the Search It home page. In the second 'Subject' drop-down box on the left hand side of the screen, select 'General' and then choose 'Images' in the third 'Narrower Subjects' drop down box.

You will also see a list of the online databases which are most relevant for 'Sound' from the same screen.

If you are trying to find a particular image, you can also consult L&IS's guide to subject-specific lists of useful image databases. All of these sites are either freely available or have sections which have free information. The guide is available at <http://lis.tees.ac.uk/images>

Further information is available from Factsheet 108: Moving Images

(<http://lis.tees.ac.uk/factsheets/fs108.pdf>) and Factsheet 107: Still Images

(<http://lis.tees.ac.uk/factsheets/fs107.pdf>)

L&IS Home Page

Many of the L&IS resources are available on the web and a useful gateway to this information is the **L&IS home page** (<http://lis.tees.ac.uk>)

Freelance ICT Facilities

Access is available from PCs situated on each of the four floors of the Library, to a range of facilities and services via the University IT network.

These include access to:

- the Internet & email
- Electronic publications
- Specialist software e.g. Dreamweaver, Flash, Photoshop, Visual Studio
- Software packages for word processing, spreadsheets, databases and presentation work (Microsoft Office)

You will need your ICT account details (username and password) to use the Library PCs.

Recommendations for Stock

The information provided by L&IS is designed to support study and teaching within the University. To this end staff within L&IS and teaching staff work closely to deliver the appropriate resources. If you feel that a particular subject area needs strengthening or wish to recommend a particular item which is not in stock, please contact Sue Myer (see contact details below).

Naturally we cannot promise to purchase all items recommended but we value your input.

Help

For general queries ask at a subject information desk or, outside core hours, at the Service Counter.

If you need more specialist help, please contact a member of the Computing Information Team, based on the 3rd Floor:

Sue Myer (Subject Librarian)

E-mail: s.myer@tees.ac.uk Tel: (01642) 342124 Room 3.12 Library

Patricia Crosier (Senior Information Officer)

E-mail: p.crosier@tees.ac.uk Tel: (01642) 342702 Room 3.10 Library