

# Computer Science 415.725 SC

How the University Library can help you with your term paper

Hester Mountifield  
Science Library  
373 7599 x 8050  
[h.mountifield@auckland.ac.nz](mailto:h.mountifield@auckland.ac.nz)

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## 5 steps to success

- Define your topic and identify keywords
- Select and use the best research resources
- Locate the information you have identified
- Evaluate resources
- Cite your resources

More information:

<http://www.auckland.ac.nz/lbr/instruct/research.htm>

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# Information sources

## Primary information sources

- original scientific & technical publications
- books, journal articles, conference proceedings, reports, theses, pre-prints, source databases, www
- paper / electronic format or both

## Secondary information sources

- finding tools or indexes - references to original information sources
- Voyager (library catalogue), bibliographic databases, reviews

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# Electronic Resources

**LEARN**

<http://www.auckland.ac.nz/lbr>

## Resources by subject >> Computer Science

- Databases
  - arranged in relevance order
  - bibliographic, full text, combination
  - available from office/lab/library/home
- Electronic journals
  - available through Voyager, full-text databases or E-journal option

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# INSPEC

- Most relevant bibliographic database for Computer Science
- International scientific and technical literature in:
  - computers and computing
  - electronics
  - electrical engineering
- Indexes over 4000 journals and 2000 conference proceedings, as well as books, reports and dissertations
- Coverage: 1969 to the present, updated monthly

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# Web of Science

- Well-known international multidisciplinary bibliographic database
- Records include the publication's cited reference list or bibliography
- You can also search the databases for articles that cite a known author or publication
- You can export records directly into EndNote
- Coverage: 1990/1995 to the present, updated weekly

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# Current Contents

- Contents pages for 7 000 journals
- Disciplines covered include:  
Engineering, Technology & Applied Sciences
- AutoAlerts for current awareness
- Coverage: 1995 to the present, updated weekly

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# Full-text collections

## **ACM Digital Library:**

- Association for Computing Machinery
- Journals and conference proceedings

## **IEEE EXPLORE:**

- Institute of Electrical & Electronics Engineers /  
Institution of Electrical Engineers
- Journal articles, conference papers, and technical standards

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# Evaluating information sources

While using databases:

Look at title, keywords/descriptors, abstract

Publication in hand:

Authority: author's credentials, publisher, detailed bibliography, peer-reviewed journal, www - author, host

Scope: national / international, detail / overview, new information / confirm previous information

Currency: date, 1st or revised edition

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# Evaluating information sources

Publication in hand:

Objectives / Audience: purpose of publication, fact / opinion, basic / advanced

Stability of electronic publications: reliable link, easy & straight forward access

More information:

<http://www.auckland.ac.nz/lbr/instruct/evaluate.htm>

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# Citing information sources

Bibliography is a list of all sources (print and electronic) from which information has been taken either directly (by literal quotation) or indirectly (by paraphrase).

*Why needed?*

- Supply evidence on which author's statements, arguments, conclusions are based
- enable reader to consult original publications
- acknowledge author/s from which information was taken

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# Citing information sources

Bibliographic elements needed for bibliography:

Books: author/s, year of publication, title, edition, place of publication, publisher, pages, series.

Journal articles: author/s, year of publication, title of article, title of journal, volume, issue/number, pages

Electronic information: author/s, title of document, title of complete work, version, document date or date of last revision, protocol/site/path/file

More information:

<http://www.auckland.ac.nz/lbr/instruct/cite.htm>

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# EndNote

- Personal bibliographic database
- Create bibliographies - 300 different styles - IEEE, Harvard, Nature
- Import references from databases
- Site license - software available from Electronic Helpdesk
- Tutorials offered by Library and Student Learning Centre

More information:

<http://www.auckland.ac.nz/lbr/instruct/endnotut.htm>

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# Subject Librarian Service

Research Consultation (personalised assistance):

- finding relevant information
- help in the use of databases
- managing your bibliography

Resource Management

- purchasing library materials
- subject web pages

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# Subject Librarian Service

cont.

Seminars and Tutorials for individuals and groups:

- Inspec
- Current Contents
- Web of Science
- EndNote
- Voyager
- Subject seminar - from search strategies .....to referencing techniques.

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## Current Awareness

Customised electronic information service designed to keep you regularly informed of the latest information in your field of interest.

Advantages:

- access to current and relevant information
- automated process
- different formats for re-use
- **SAVING YOU TIME**

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# Document Delivery

## Inter-Campus Library Delivery Service (ICLDS)

- Tamaki Campus Library
- Off Campus Storage
- Philson Library

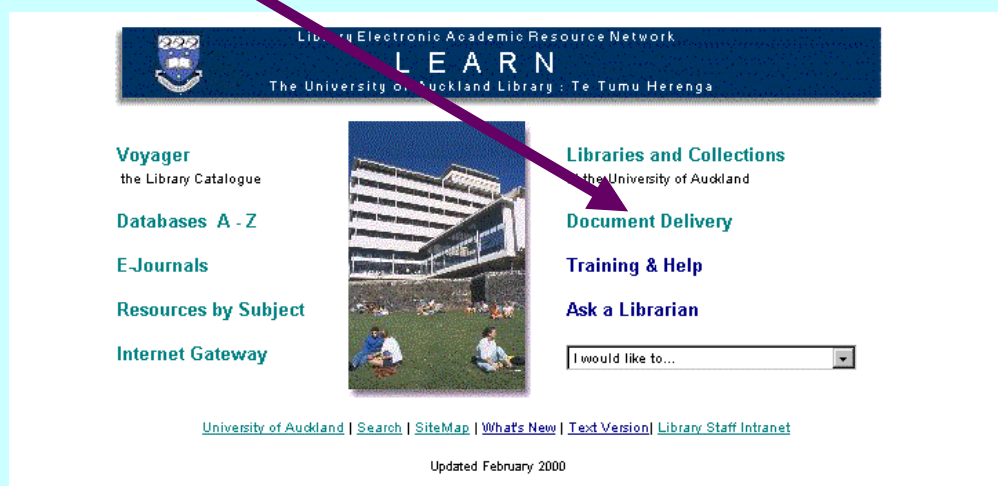
## Interloans

when publication is not available in any UoA library

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# Document Delivery

## Electronic forms on LEARN



The screenshot displays the LEARN (Library Electronic Academic Resource Network) website. At the top, a dark blue banner features the University of Auckland crest, the text "Library Electronic Academic Resource Network", and the word "LEARN" in large white letters, with "The University of Auckland Library : Te Tumu Herenga" below it. The main content area is divided into several sections: on the left, a list of links including "Voyager the Library Catalogue", "Databases A - Z", "E-Journals", "Resources by Subject", and "Internet Gateway"; in the center, a photograph of a modern library building with people sitting on the lawn; on the right, a list of links including "Libraries and Collections the University of Auckland", "Document Delivery", "Training & Help", and "Ask a Librarian", followed by a search bar with the placeholder text "I would like to...". At the bottom, a footer contains links for "University of Auckland", "Search", "SiteMap", "What's New", "Text Version", and "Library Staff Intranet", along with the text "Updated February 2000". A purple arrow points from the "Electronic forms on LEARN" text above to the "Document Delivery" link in the right-hand menu.

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**Need any help finding  
Information or using Library  
Services please contact:**

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