Engineering

Responsibility for Policy: Cheryl Ward
Approving Authority: University Librarian
Approved: September 2014
Next Review Date: September 2016

The Engineering Collection Policy is bound by the general principles detailed in the Library’s Collection Policy. It is not a stand-alone document and should be read in conjunction with the Library’s Collection Policy and any other subject specific collection documents.

1. General Information

1.1 Collection Purpose
The engineering collection supports the teaching, research and learning needs of staff and students in the School of Engineering within the Faculty of Science & Engineering. The collection also supports other disciplines.

The emphasis at the University of Waikato is on the study of engineering as a broad interdisciplinary subject encompassing interrelations with other disciplines in the faculties of Science & Engineering and Computing & Mathematical Sciences.

Programmes offered in engineering range from undergraduate, graduate and postgraduate certificates and diplomas to masters and PhD level.

1.2 Primary User Groups
The primary users of the collection are students and staff of the Faculty of Science & Engineering.

Engineering is available as a major for the Bachelor of Engineering (BE) and Honours. Materials and Process Engineering is also available as a major for the Bachelor of Science (BSc) and Bachelor of Science (Technology) (BSc(Tech)).

Biochemical Engineering, Electronic Engineering, Materials and Process Engineering, and Mechanical Engineering are taught within the Faculty of Science and Engineering, while Software Engineering is taught primarily within the Faculty of Computing & Mathematical Sciences.

1.3 Department’s Research Interests
Research interests within the School of Engineering are listed in the Science and Engineering handbook and on the department’s website.

1.4 Interdisciplinary Relationships
The collection also supports courses and research in Biological Sciences, Chemistry, Physics, Earth & Ocean Sciences, Chemistry, Mathematics, Statistics, and Computer Science.

Engineering courses are offered by the School of Engineering, as well as some other departments, namely Biology, Computer Science, Mathematics and Statistics.
2. Description of Existing Collection

Relevant material is held in the following LC classification areas in the Central Library:

- **T** Technology
- **TA** Engineering – civil and general
- **TD** Environmental technology
- **TH** Building construction
- **TJ** Mechanical engineering
- **TK** Electrical engineering
- **TL** Motor vehicles/aeronautics
- **TN** Mining engineering/metallurgy
- **TP** Chemical technology
- **TS** Manufactures

There is also some overlap with other subject areas in Science and Computer Science, so that some relevant books will also be held in the Q-QR classification range. Increasingly e-books are being purchased.

The Library provides access to scholarly journals, electronically or in print, and databases, including:

- American Chemical Society (ACS) Journals
- Cambridge Journals Online
- EBSCOHOST
- Engineering Village (Compendex and INSPEC)
- IOPscience (Institute of Physics)
- Oxford Journals
- Proquest Science and Technology
- PubMed
- Sage Journals
- ScienceDirect (Elsevier)
- SciFinder
- Scopus
- SpringerLink Journal Collection
- Web of Science
- Wiley Online Library

3. Scope of Collecting

Emphasis is on undergraduate and graduate texts, research monographs, professional society publications and journals. Appropriate reference works are collected and updated. Conference proceedings are not purchased unless requested or of local significance. Popular works, biographies and histories are not generally collected.

3.1 Chronological Periods

Although no chronological period is specifically excluded, the emphasis is on current research findings and theories in engineering and technology.

3.2 Types of Material

Print and/or electronic formats are collected but other types of material may be considered.
3.3 Geographical Areas
No geographical areas are excluded.

3.4 Languages
English is the primary language of the collection, although occasionally works in other languages may be selected on request.

3.5 Publication Dates
While the collection focuses on recent and current material to support the teaching and research areas of the School of Engineering, retrospective collecting may be undertaken to support new teaching and research programmes.

4. University of Waikato at Tauranga

Engineering is not offered at the Tauranga campus.