

Engineering – General Collection Management Policy

Collection Manager: Brian Gray
Address: Kelvin Smith Library, 201-L or Nord Hall 510
Phone: (216) 368-8685
Email: brian.c.gray@case.edu
Faculty Liaison:
Subject Page: <http://researchguides.case.edu/engineering>

I. Purpose:

The purpose is to support the research and teaching activities of the Case School of Engineering (CSE). CSE offers 14 degree programs at the undergraduate level. At the post graduate level, CSE offers 16 Master of Science programs and 14 Doctor of Philosophy programs for advanced, research-based study in engineering. CSE also offers two specialized degrees at the Master's level: a Master of Engineering specifically for practicing engineers, and an integrated Master of Engineering and Management jointly administered with the Weatherhead School of Management. The faculty and students participate in a variety of research activities offered through the departments and the 11 affiliated research centers. The Case School of Engineering consists of 7 departments: Biomedical, Chemical, Civil, Electrical & Computer Science, Macromolecular, Materials Science, and Mechanical & Aerospace.

II. General Collection Guidelines:

A. Languages: English is the primary language of collection. Other languages may be considered with emphasis towards English translations.

B. Chronological Guidelines: Books and journals of current teaching and research interests are the primary focus. Retrospective collecting may occur at the request of a new faculty member or by a faculty member with a new research area.

C. Geographical Guidelines: There are no specific geographical limits of coverage, but primary focus would be North America.

D. Treatment of Subject: Selective acquisition of laboratory manuals, introductory works and popular materials. Textbooks are generally excluded.

E. Types of Materials: Includes selective acquisition of treatises, encyclopedias, atlases, dictionaries, directories, abstracts, handbooks, and the proceedings and transactions of conferences and symposia. Theses and dissertations from other institutions and audio-visual material generally are excluded. All formats of materials will be considered, while prominence may be placed on electronic resources or OhioLINK offerings.

Journals are collected in both print and electronic formats.

F. Dates of Publication: Emphasis is on current works with retrospective materials purchased selectively.

G. Deselection: Since the collection is considered a research collection, deselection is done with great care. Special consideration is given to the relevance of older materials to the study of the history of science. Older or fragile materials that cannot be deselected are considered for relocation to remote storage.

H. Cooperative and Related Collections: Case is a founding member of OhioLINK, the Ohio Library and Information Network. OhioLINK is a statewide consortium of public and private colleges and universities, the State Library of Ohio, and technical and community colleges supporting a combined central catalog of statewide holdings, selected online indexes, full-text databases, reference tools, ebooks, & image collections. OhioLINK's goal is to provide easy access to information and rapid delivery of library materials throughout the state. Collection development decisions regarding shared electronic resources are made through the OhioLINK Cooperative Information Resources Management (CIRM) Committee. Additional collaboration on collection management may occur with other centers or libraries, as needed.

I. Other General Considerations:

J. Electronic Resources: Additional considerations are put into the electronic resources and databases that support the research of this department. To see the Engineering specific databases, proceed to the list of Science & Technology databases:
<http://library.case.edu/databases/rdbindex.aspx?subject=318>.

III. Observations and Qualifications by Subject and LC Class:

CDP Levels:

A. Minimal Level: Indicates that only highly selective purchases-- usually materials either for reference use, general interest, or for the support of a very specific research need--will be made.

B. Instructional Level: Indicates that standard works and selected current works will be required to support undergraduate and most graduate instruction or sustained independent study. This will include reference and fundamental bibliographic tools pertaining to the subject and a selection of representative journals. Retrospective purchasing is usually limited to standard works.

C. General Research Level: Indicates that the library will acquire most of the materials required to support research through the doctoral degree level and the general research needs of the faculty. Allows for retrospective purchasing depending upon the characteristics and needs of the individual disciplines and their state of development in the collection.

D. Comprehensive Level: Indicates that all currently-published relevant material will be acquired. Involves extensive programs of retrospective purchasing and searching for lacunae.



E. Intensive Level: Indicates the library will strive to acquire all appropriate current and retrospective written or recorded materials in all languages, editions, translations, and formats; manuscripts and other archival materials are acquired extensively. This level is appropriate for the creation or maintenance of a collection serving as a national bibliographic resource.

Subject	LC Class	Location	CDP Collecting Level	Collection Manager	Collection Notes
Industrial Accidents Includes dangerous occupations and industrial safety.	T 54-55.3	KSL	A	Brian C. Gray	
Industrial Engineering Includes management engineering.	T 55.4-60	KSL	A	Brian C. Gray (General Engineering) Catherine Wells or Karen Oye	Also see the Business & Management, Collection Management Policies.
Engineering - General Includes societies, dictionaries, history, biography, and general works.	TA 1-160	KSL	A	Brian C. Gray	
Engineering - Instruments	TA 165	KSL	A	Brian C. Gray	
Systems Engineering	TA 168-169	KSL	C	Brian C. Gray	
Engineering Design: Includes drawings and models.	TA 174-177.3	KSL	A	Brian C. Gray	
Engineering - Miscellaneous Topics: Includes economy, management meteorology, equipment, machinery, and consulting.	TA 177.4-219	KSL	A	Brian C. Gray	
Engineering Mathematics & Analysis Includes engineering analysis.	TA 329-348	KSL	C	Brian C. Gray	
Mechanics of Engineering (Applied Mechanics)	TA 349-359	KSL	C	Brian C. Gray	



Acoustics in Engineering	TA 365-367	KSL	B	Brian C. Gray	
Engineering Standards	TA 368	KSL	A	Brian C. Gray	
Disasters & Engineering	TA 495	KSL	A	Brian C. Gray Eddy and Gravius (Social Science Librarians)	Also see Social & Behavioral Sciences Collection Management Policy.
Applied Optics: Including optical data processing systems, computer vision, and lasers.	TA 1501-1820		A	Brian C. Gray	
Plasma Engineering: Includes applied plasma dynamics.	TA 2001-2040		A	Brian C. Gray	

* This document will be reviewed on an annual basis or with significant departmental program changes.