

Collection Development Policy Statement for Engineering

Subject Specialists responsible: Sarah Over, sover@umd.edu, 301-405-9142, STEM Library, College Park and Amy Trost, atrost1@umd.edu, 301-738-6122, Priddy Library, Shady Grove

I. Purpose

Materials are selected for the engineering collection with the research and teaching needs of the A. James Clark School of Engineering in mind. As such, the collection serves the following eight departments of the School, along with multiple interdepartmental institutes, centers, and programs. This includes the professional master's program, which is offered at the Universities at Shady Grove (USG), a regional higher education center under the auspices of the University System of Maryland.

- Aerospace Engineering
- Bioengineering
- Chemical and Biomolecular Engineering
- Civil and Environmental Engineering
- Electrical and Computer Engineering
- Fire Protection Engineering
- Materials Science and Engineering
- Mechanical Engineering

Collection emphasis is on the research interests of the School of Engineering, in the form of a greater percentage of the collection funds being allocated for journals and databases. Emphasis of the book collection is split between research and teaching interests, but still retains a greater emphasis on research.

Coordination and Cooperative Information: Engineering materials may at times have overlap with other subject areas, the most frequent of which are business and other STEM (Science, Technology, Engineering and Mathematics) fields. In this case, purchase of materials will be made by agreement with the subject specialist responsible for the other subject area(s), including fund sharing if necessary. The UMD Libraries are also in several consortia arrangements, including the Big Ten Academic Alliance (BTAA). Engineering purchases will be made in accordance with these agreements.

Diversity: Materials for the engineering collection are chosen based on scientific validity and usefulness to the University of Maryland's research and teaching, and as such do not overtly exclude the views of any political, religious, social, or sexual group, inasmuch as is possible given the collection's restriction to English-language materials.

II. Summary of Collection Scope at Current Collecting Levels

Engineering resources are located primarily in the STEM Library and off-campus at the Priddy Library at USG. Other relevant materials may be located in McKeldin Library, based on their primary classification. Materials more than twenty years old may be located in off-site storage.

The engineering collections includes materials in a broad range of areas including aeronautics, biotechnology, chemical technology, electronics, energy development, environmental technology, materials science, remote sensing, optics, patents, and systems engineering.

III. Developing the Engineering Collection

1. Language(s): Materials will be selected in English.
2. Geographical areas: Material selection will be based primarily on applicability to School of Engineering research and teaching interests, and will therefore not have an explicit geographical focus.
3. Chronological periods/Imprint dates: Selection will be of current publications, with the exception of reprints and classic works when required for replacement or when requested by faculty for course purposes.
4. Materials selected
 1. Included materials: Journals and databases will consume the majority of the spending for the engineering collection, followed by books. The University of Maryland Libraries has an e-preferred collections model that favors the purchase of multiuser electronic versions of books. Technical reports and standards will be purchased on request, depending on remaining funds in the book budget.
 2. Excluded materials: Dissertations will not be purchased for the engineering collection, and requestors will be directed to Interlibrary Loan (ILL) to obtain such items. Textbooks generally are only purchased if requested by an instructor for course reserves. In all other exclusion matters, the engineering collection adheres to the licensing stipulations set forth by the University of Maryland Libraries' Electronic Resources unit. In particular, these stipulations restrict the means of remote access to IP authentication, i.e. resources requiring physical security tokens (e.g. by means of RSA fob) will not be purchased.

IV. Additional Collection Information

The engineering collection adheres to the University of Maryland Libraries' policies for duplication, gifts, deselection and preservation available at <http://www.lib.umd.edu/collections/collection-development-policy>.

Implementation and Revision Schedule: This policy has been reviewed by the Collection Development Council (lib-cdc@umd.edu) and is considered effective on the date indicated below. It will be reexamined regularly by the subject specialist and will be revised as needed to reflect new collection needs and identify new areas of study, as well as those areas that may be excluded.

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