

Electrical Engineering Collection Development Policy

Purpose of the Collection

To support the research and teaching needs of the students and faculty in the field of Electrical Engineering.

Description of the Academic Program

The Department of Electrical Engineering offers undergraduate programs in Electrical Engineering, leading to the B.S., and graduate degree programs leading to the M.S., and Ph.D. It also offers dual degree programs with the Cox Business School, leading to the M.S. & MBA.

Electrical Engineering Degree Programs:

<http://www.smu.edu/Lyle/Departments/EE/DegreePrograms>

Collection Description

Geography

Geographical location is not a selection criterion

Language

Unless specifically requested by a faculty member, all materials collected will be in English.

Chronological Limits/Period Coverage

Most materials purchased would have been published within the preceding five years. Older works will only be purchased if: requested by a faculty member, as a replacement for heavily-used volumes that have been lost, or there is a demand as reflected in Interlibrary Loan borrowing.

Types of Materials Collected or Format

- Reference Books, including handbooks, dictionaries, and encyclopedias
- Monographs
- Journals
- Subject indexes such as Engineering Village, Web of Science
- Standards and technical reports are important in Engineering; however they will be purchased on an as-needed basis.
- No trade publications will be purchased

Collection levels by Library of Congress call number range

For a description of collection levels, see [Collection Depth Indicators](#).

LC Call Number Range	Subject	Goal Level
TK1-9971	Electrical engineering. Electronics. Nuclear engineering	3
TK301-399	Electric meters	3
TK452-454.4	Electric apparatus and materials. Electric circuits. Electric networks	3
TK1001-1841	Production of electric energy or power. Powerplants. Central stations	3
TK2000-2891	Dynamoelectric machinery and auxiliaries Including generators, motors, transformers	3
TK2896-2985	Production of electricity by direct energy conversion	3
TK3001-3521	Distribution or transmission of electric power	3
TK4001-4102	Applications of electric power	3

TK4125-4399	Electric lighting	3
TK4601-4661	Electric heating	3
TK5101-6720	Telecommunication Including telegraphy, telephone, radio, radar, television	3
TK7800-8360	Electronics	3
TK7885-7895	Computer engineering. Computer hardware	3
TK8300-8360	Photoelectronic devices (General)	3
TK9001-9401	Nuclear engineering. Atomic power	2
TK9900-9971	Electricity for amateurs. Amateur constructors' manuals	1