

COLLECTION DEVELOPMENT POLICY STATEMENT

**CLASSIFICATION: TK (ELECTRICAL ENGINEERING,
ELECTRONICS, AND NUCLEAR ENGINEERING)**

JULY 1999

General Purpose: To support undergraduate instruction for an academic major in Electrical Engineering and several courses in the major of Engineering Sciences. To support other academic majors in Civil and Mechanical Engineering and Computer Sciences. Some support goes to Base engineers.

Collection Level Intensity: Introductory research.

Geographical Areas: No limitations.

Chronological Periods: Emphasis is on the 20th and 21st centuries.

Types of Material Collected: Handbooks, manuals, encyclopedias, dictionaries, bibliographies, monographs, technical reports, government documents, proceedings of conferences and symposia, serials, and abstracts and indexes. Electronic sources include online databases, CD-ROMs, and evaluated Internet web sites.

Types of Material Excluded: Audiovisual materials.

Other Factors: Interdisciplinary with Civil Engineering, Engineering Mechanics, and Computer Science.

Subjects and Collecting Levels:

TK	1001-1841	Production of electric energy, power plants
	2000-2891	Dynamoelectric machinery
	3000-3521	Distribution or transmission of electric power, the electric power circuit
	4125-4399	Electric lighting
	5101-6720	Telecommunications
	7800-8360	Electronics, including lasers and computer engineering (7885-7895)
	9001-9401	Nuclear engineering, electronic power
Z	5831-5839	Bibliography

Materials collected should contain all basic reference works and should support undergraduate research. Special areas of concentration are: electronics, lasers, and computer engineering. Basic handbooks and manuals may be collected in multiple copies for different academic departments and Academy support agencies, as well as for the Library. Materials will be primarily in the English language. Materials are selected from reviewing and professional journals.

Weeding Criteria: Materials may be withdrawn when superseded by newer editions. Materials that have not been used in 10 years may be withdrawn unless they are of historical significance. If the physical condition of materials are poor, they may be withdrawn.

Last updated by Robert Humes, Subject Specialist