COLLECTION DEVELOPMENT POLICY STATEMENT

CLASSIFICATION: TJ (MECHANICAL ENGINEERING AND MACHINERY)

JULY 1999

General Purpose: To support undergraduate curriculum and teaching for the academic major of Engineering Mechanics. To support core courses in the Engineering Sciences. To support Base engineers and various engineering research projects.

Collection Level Intensity: Introductory research.

Geographical areas: No limitations.

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

Types of Material Collected: Monographs, serials, handbooks, manuals, standards, government documents, dictionaries, encyclopedias, bibliographies, report literature, dissertations, society publications and proceedings, and abstracts and indexes. Electronic sources include online databases, CD-ROMs, and evaluated Internet web sites.

Types of Materials Excluded: Audiovisual materials.

Other Factors: Includes design of aerospace structures and metallurgy. This area is also interdisciplinary with Civil and Electrical Engineering.

Subjects and Collecting Levels:

TJ	211	Robots (general)
	212-225	Control engineering
	265-740	Steam engineering, including boilers, engines, and locomotives
	1125-1345	Machine shops and machine-shop practices, including machine and hand tools
	1480-1496	Agricultural machinery
Z	5853	Bibliography

Materials will be collected at a level to support independent study for undergraduate students. Mainly English language major reference works, specialized monographs, standards, professional journals, handbooks, and manuals are included. Materials are selected from reviewing journals, reviews in professional journals, and recommendations from the academic engineering department and staff agencies.

Weeding Criteria: Materials may be withdrawn if superseded by a newer edition and if not circulated in 10 years.

Last updated by Robert Humes, Subject Specialist