

# **Collection Development Policy Statement**

## **Subject: Technology**

### **I. Overview of Teaching and Research**

The School of Technology is comprised of four departments: Department of Manufacturing Systems offering BS and MS degrees in Industrial Technology; Department of Technology Education offering BS and MS degrees in Industrial Arts and a M. S. degree in Vocational-Industrial Education; "Department of Construction Management and Safety with B.S. degrees in Construction Management and Occupational Safety and Health; and the Department of Electronics and Computer Technology - B.S. in Industrial Technology.

Program of the school that are designed to prepare individuals for industry are built upon a technical- management orientation. Thus, graduates pursue career opportunities in a variety of fields ranging from research and design to inspection and distribution. Graduates are employed as project managers, quality control engineers, operation officers, shift superintendents, employment managers, safety engineers, occupational health specialists, construction managers, loss prevention representatives, etc.

Several of the programs of the school are designed to prepare individuals for a variety of educational careers. Thus, graduates of the school are employed as industrial arts/technology educators, vocational education and safety and driver education

instructors at the secondary and post-secondary levels. In addition, many graduates of the education program are employed in the private and governmental sector in a variety of occupational areas.

## **II. General Collection Guidelines**

A. Languages: Materials collected for the technology collection will be in English or English translation of resources.

B. Chronological: Emphasis will be placed on acquiring resources that are current to support the changing principles, management and practices of businesses.

C. Geographical Guidelines: United States is emphasized. The literature of other countries is collected at levels to support courses in the curriculum and represent authors of international stature.

D. Types and Format of Materials: Many of the courses in the School of Technology emphasize practical applications, applied research and innovative skill development in a high technology environment. Thus, non-print resources such as videotapes and computer programs of interactive learning are essential. The acquisition of these types of resources are more acceptable for the School of Technology than in some of the more traditional areas for they enhance the laboratory experience. Monographs are acquired to provide a historical perspective and journals

assist in assuring that information on the latest technological advancement is available.

E. Weeding: The technology collection should be frequently evaluated in relation to changing curriculum contents, new instructional materials and current research needs of students and faculty.

### **III. Other General Considerations**

The technology collection overlaps with the Computer Science and Engineering collections, efforts should be made to avoid unnecessary duplication.

### **IV. Conspectus of the Field and Levels of Collecting**

Automobiles	TL1-480
Building Construction	TH
Computer-Aided Engineering (CAD/CAM)	TA345
Computer Engineering	TK7885-7895
Drafting, Mechanical	T351-377
Drawing	T351-385
Drawing, Automobiles	TL152
Drawing, Electronics	TK7866
Drawing, Engineering	TA175
Drawing, Machine	TJ227-24
Drawing, Materials	T375-377
Electrical Engineering	TK
Electronics	TK7800-8404
Fire Prevention	TH9111-9599

Industrial Education	T61-173;TT161-169
Industrial Engineering	T55.4-60.8
Industrial Plants	TH4511-4591
Industrial Safety	T54-55.3
Industrial Sanitation	TD895-899
Machine Constructor	TJ241
Machine and Hand Tools	TJ1180-1313
Machine Shops	TJ1125-1345
Machine Tools	TS212
Manufacturing Engineering	TS176-183
Manufacturing Management	TS155-193
Mechanical Engineering	TJ
Power Plants	TJ164
Product Engineering	TS170-174
Production Management	TS155-193
Quality Control (Machinery)	TJ245.5
Robots, Industrial	TS191.8
Surveying	TA501-625