

Departmental Policy Statement: Electrical and Computer Engineering

Herff College of Engineering

Faculty Representative: Dr Michael Daley
Library Liaison: Elizabeth McDonald
Last reviewed: 1 April 2006

Curriculum

The University of Memphis offers both undergraduate and graduate degrees in Electrical and Computer engineering. The undergraduate degree allows for concentration in Computer engineering, Electrophysics, or Systems and Signals. The program offers graduate education toward the Masters of Science with concentrations in Automatic Control Systems, Communications and Propagation Systems, Electro-optical Systems, and Engineering Computer Systems and a PhD majoring in Engineering with a concentration in Electrical Engineering.

Purpose and Scope of the Collection

The collection supports the study, teaching, and research needs of the students and faculty of the Department.

Cooperative Agreements

None specified.

Geographical Coverage

Primary coverage is the United States with selective worldwide publications acquired.

Period Coverage/Date of Publication Range

Collection emphasis is on current publications and some classics in the field.

Languages

English is the primary language in which materials are collected. Other languages are acquired selectively.

Types of Materials

Monographs:

Monographs are collected primarily in print, in both hardback and paperback.

Serials/Series:

Due to cutbacks in budgets new serial requests must be balanced against current receipts.

Electronic Resources:

Resources specific to Engineering include:

- Engineering & Technology Applied Science & Technology Abstracts (FS) 1983 -
- Computer Database (TEL) 1980 –
- Internet & Personal Computer Abstracts formerly Microcomputer Abstracts 1989 –

Microforms:

Research collections are purchased in microforms when relevant.

Theses/Dissertations:

Theses and Dissertations are acquired as needed or requested.

Audio/Visual:

Audio and Visual materials are purchased when relevant to the collection.

Location of Materials Collection

The primary location for materials is the McWherter Library. Materials in support of the mathematical needs of engineers might also be found in the Math Library.

Special Collections

None specified.

Subject Areas by LC Classification

Q300 - Q390	Cybernetics, Information Theory
QA75 - QA76	Computers
QC170 - QC197	Atomic
QC221 - QC246	Acoustics, Sound
QC350 - QC467	Optics
QC501 - QC766	Electricity and Magnetism
TK	Electrical Engineering, Electronics

Related Areas of Collection

Engineering Technology	Physics	Mechanical Engineering
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