

## PHYSICS COLLECTION GUIDELINES

### I. Purpose and Program Description

#### A. Library's Collection Development Objectives

The primary purpose of the collection is to support teaching and research studies at the introductory level in support of the Core Curriculum.

#### B. Curricular Program Description

Courses are offered in political science and public administration.

#### C. New and Expanding Areas of Interest

1. None
- 2

#### D. Areas of Specialization

1. None
- 2.

#### E. Overlap with Other Academic Disciplines and Library Collections

Mathematics, Chemistry, Engineering and Statistics

### II. General Selection Guidelines

**A. Languages:** English is the primary language collected. Works in other languages may be acquired selectively and usually in English translation.

**B. Chronological Coverage:** Emphasis is upon current materials, but no period is excluded from consideration for the collection.

**C. Geographical Coverage:** Primary emphasis is upon art history generally, with special focus upon art in the non-western world, as well as graphic design elements from around the world.

**D. Types of Materials:** Includes encyclopedias, handbooks, directories, dictionaries, exhibit guides and catalogs, periodicals, bibliographies, biographies, illustrated works, monographs, and journals.

**E. Imprint Date:** Current-imprint publications receive priority. Selective retrospective publications are purchased in available formats as funding permits.

**F. Physical Format:** Hardback, paperback, serials, audiovisuals and computer software are collected. Electronic format materials are collected selectively.

**G. Treatment of Subject:** Scholarly materials are the primary emphasis for the collection.

**H. Place of Publication:** Primarily the United States. Imprints from other countries will be considered, however, primary emphasis will be placed on English language publications.

**I. Acquisition Plans Affecting English / English Literature:**

**1.) Standing Orders:** Due to budget reductions in the mid-1990s, all standing orders in all fields were cancelled.

**2.) Approval Plans:** None.

**J. Major Assessment / Selection Tools:** *Books for College Libraries; MLA; Sheehy, Eugene P. Guide to Reference Books; Katz, Bill Magazines for College Libraries; Choice Magazine; Booklist; GOBI New Title Announcement Slips.*

Assessments are conducted doing a comparison of the library holdings with those of the following peer institutions: Austin Peay State University (TPA), Columbus State University (GCO), Jacksonville State University (AJB), McNeese State University (LHA), University of Houston-Clear Lake, University of Louisiana-Monroe (LNE), University of North Alabama (ANO).

**K. Weeding / Replacement:** A major weeding was conducted in 2011 to remove damaged, superseded, out of date items, and those items which did not reflect the institutional curriculum. Following this, weeding has been kept to a minimum except to replace superseded, updated or damaged items. For damaged items, efforts will be made to replace those materials. Discussions between the library liaison for the area and the department will take place to determine if an electronic copy of the title will be an acceptable replacement.

**L. Classifications That Define the Scope of the Collection:**

QB 1-991	Astronomy
QB 1-139	General
QB 140-237	Practical and Spherical Astronomy
QB 275-343	Geodesy
QB 349-421	Theoretical Astronomy & Celestial Mechanics
QB 455-456	Astrogeology
QB 460-466	Astrophysics
QB 468-480	Non-optical Methods of Astronomy
QB 495-903	Descriptive Astronomy
QB 500.5-785	Solar System
QB 799-903	Stars
QB 980-991	Cosmogony. Cosmology.
QC 1-999	Physics
QC 1-75	General
QC 81-114	Weights and Measures
QC 120-168.85	Descriptive & Experimental Mechanics
QC 170-197	Atomic Physics. Constitution & Properties of Matter (Including Molecular Physics, relativity, quantum theory, & solid state physics.)

QC 221-246	Acoustics
QC 251-338.5	Heat
QC 310.15-319	Thermodynamics
QC 350-467	Optics. Lights
QC 450-467	Spectroscopy
QC 474-496.6	Radiation Physics (General)
QC 501-766	Electricity & Magnetism
QC 501-(721)	Electricity
QC 669-675.8	Electromagnetic Theory
QC 676-678.6	Radio Waves (Theory)
QC 701-715.4	Electric Discharge
QC 717.6-718.8	Plasma Physics. Ionized Gasses
QC 750-766	Magnetism
QC 770-798	Nuclear & Particle Physics. Atomic Energy. Radioactivity
QC 793-793.5	Elementary Particle Physics
QC 794.95-798	Radioactivity & Radioactive Substances
QC 801-809	Geophysics. Cosmic Physics
QC 811-849	Geomagnetism
QC 851-999	Meteorology. Climatology
QC 974.5-976	Meteorological Optics
QC 980-999	Climatology and Weather
QC 994.95-999	Weather Forecasting

**Library Liaison:** Karen Williams

**SUBJECT:** Physics

COLLECTION DEVELOPMENT POLICY STATEMENT: CLASSIFIED ANALYSIS

LC Class	Descriptor	Existing Strength	Desired Strength
QB 1-991	Astronomy	2b	3a
QB 1-139	General	2b	3a
QB 140-237	Practical and Spherical Astronomy	3a	3b
QB 275-343	Geodesy	2a	2b
QB 349-421	Theoretical Astronomy & Celestial Mechanics	2a	2b
QB 455-456	Astrogeology	0	0
QB 460-466	Astrophysics	3a	3b
QB 468-480	Non-optical Methods of Astronomy	2b	3a
QB 495-903	Descriptive Astronomy	1a	1b
QB 500.5-785	Solar System	3a	3b
QB 799-903	Stars	1b	2a
QB 980-991	Cosmogony. Cosmology.	1b	2a

QC 1-999	Physics	3a	3b
QC 1-75	General	3a	3b
QC 81-114	Weights and Measures	3a	3b
QC 120-168.85	Descriptive & Experimental Mechanics	1a	1b
QC 170-197	Atomic Physics. Constitution & Properties of Matter	2b	3a
QC 221-246	Acoustics	3a	3a
QC 251-338.5	Heat	3b	3b
QC 310.15-319	Thermodynamics	3a	3b
QC 350-467	Optics. Lights	3a	3a
QC 450-467	Spectroscopy	2b	3a
QC 474-496.6	Radiation Physics (General)	1b	2a
QC 501-766	Electricity & Magnetism	1b	2a
QC 501-(721)	Electricity	2b	3a
QC 669-675.8	Electromagnetic Theory	1b	2a
QC 676-678.6	Radio Waves (Theory)	1b	2a
QC 701-715.4	Electric Discharge	2a	2b
QC 717.6-718.8	Plasma Physics. Ionized Gasses	1b	2a
QC 750-766	Magnetism	2a	2b
QC 770-798	Nuclear & Particle Physics. Atomic Energy. Radioactivity	1b	2b
QC 793-793.5	Elementary Particle Physics	2a	2b
QC 794.95-798	Radioactivity & Radioactive Substances	3a	3b
QC 801-809	Geophysics. Cosmic Physics	3a	3b
QC 811-849	Geomagnetism	3a	3b
QC 851-999	Meteorology. Climatology	3b	3b
QC 974.5-976	Meteorological Optics	1b	2a
QC 980-999	Climatology and Weather	3b	3b
QC 994.95-999	Weather Forecasting	3b	3b