

## **2008 ABET Self-Study (CEE, ChE, ECE, ME)**

### **E. Library Services**

*Describe and evaluate the capability of the library (or libraries) to serve the program including the adequacy of the library's technical collection relative to the needs of the program and the faculty, the adequacy of the process by which faculty may request the library to order books or subscriptions, the library's systems for locating and obtaining electronic information, and any other library services relevant to the needs of the program.*

In June 1989, the Library occupied a new 122,000 square foot building with 105,172 assignable square feet. This facility almost doubled the amount of library space and the number of available seats. The Library contains approximately 347,146 books; 136,009 bound periodical volumes; 177,791 volumes of U.S. Government publication; and 1,495,788 pieces of various types of microforms. The Library is the only depository for federal publications in the Upper Cumberland Region. The Library receives 1,594 periodical titles and 49 newspapers. The Archives contains approximately 3,615.1 linear feet of materials. The map collection contains 55,021 maps. Electronic (e) resources consist of: 45 research databases; 23 reference e-books; 196 discipline-specific e-books; 25,871 general academic e-books; 12 collections of publishers e-journals, art images, classical music and numerous websites. The collections include titles in a wide range of subject areas, but they are primarily designed to support the curricular needs of University faculty and students. To a degree, the collections support faculty research. The development of the government publications collection has the additional purpose of serving the public. There are no branch libraries on campus. The Craft Center maintains a small book collection.

The Media Center, a division of the Library, contains audiovisual and microcomputer materials as well as the equipment required to use these materials. The Media Center has 21,343 titles in such formats as slides, videocassettes, audiocassettes, multi-media instructional kits, computer software, DVD's and Compact Discs (CD's); and 18,436 art slides. The Center is the distribution and scheduling point for the campus closed-circuit television system. The Center has a functioning video production studio with digital editing capabilities. In total, the Library has 2,280,876 items of library materials in the various formats.

Library functions and services are administered through the four divisions of Public Services, Bibliographic Control, Collection Development, and Media Services. The Library staff consists of the director, 11 librarians and an archivist who have faculty status and rank, an administrative Web manager, 16 support staff and student assistants equivalent to 8.7 full-time staff.

The Library is a member of the Southeastern Library Network (SOLINET). SOLINET is a regional network of the Online Computer Library Center (OCLC), which is the nation's largest bibliographic network. The majority of interlibrary loans are made through OCLC. FAX and Ariel transmission are available for interlibrary loans. The Library participates in several consortiums of libraries for sharing materials. The integrated automation system from Innovative Interfaces became fully functional in July, 2006. This system allows access to the Library's holdings and electronic resources from on-and off-campus. Web access is available. The Library has agreements that allow the faculty to use the libraries of the University of Tennessee-Knoxville, Vanderbilt, and most other research libraries in the nations. Students and faculty may use and borrow materials from any UT or Tennessee Board of Regents' library. A special application or request form is available online and from the Library Director.