



**Library and Information Technology
 Credential: Certificate in Library Technical
 Services
 C55310T0**

This certificate is designed for individuals interested in developing technical services skills for employment with organizations that use technology to process, manage, and communicate information. The objective is to develop specialists in managing electronic library resources. Students gain skills in acquiring and managing library collections and cataloging and classifying materials. Credits earned in this program may be transferred toward an Associate in Applied Science Degree in Library and Information Science and/or a diploma in Library and Information Technology and/or other Library and Information Technology certificates.

(No placement testing is required for this certificate program.)
 Program Length: Variable
 Career Pathway Options: Associate in Applied Science Degree in Library and Information Technology (Higher entrance standards required.)
 Program Sites: Distance Education

Course Requirements for Library Technical Services Certificate

Required Major Courses (18 SHC):	C-L-SHC
CIS 110 Introduction to Computers	2-2-3
WEB 110 Internet/Web Fundamentals	2-2-3
LIB 112 Library Collection Devel. and Acquisition	2-2-3
LIB 113 Library Cataloging and Classification	2-2-3
LIB 210 Electronic Library Databases	2-2-3
LIB 213 Cataloging Non-print Materials	2-2-3

Total Semester Hours Credit required for graduation: 18

COURSE DESCRIPTIONS

CIS 110 Introduction to Computers 2-2-3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural science/mathematics (Quantitative Option).*

LIB 112 Library Coll. Dev./Acq. 2-2-3

This course covers library collection development and acquisitions policies and procedures. Emphasis is placed on evaluating mission statements, needs assessment studies, purchasing materials using selection criteria and tools, and related collection development and acquisitions activities. Upon completion, students should be able to evaluate mission statements, conduct needs assessments using selected criteria, and complete related collection development and acquisitions activities.

LIB 113 Lib. Cataloging and Class. 2-2-3

This course covers standards and procedures for copy cataloging and types of classification systems. Emphasis is placed on selecting bibliographic records, maintaining and using authority records and the importance of the catalog to the library mission. Upon completion, students should be able to select the appropriate MARC record, search OCLC, and demonstrate an understanding of authority files.

LIB 210 Electronic Lib. Databases 2-2-3

Prerequisites: LIB 111 and WEB 110

This course covers developing search strategies for using electronic resources in the humanities, social and behavioral sciences, physical and life sciences, and health-related fields. Emphasis is placed on the reference interview, teaching Boolean logic and other search strategies, retrieving and evaluating information, and citing it in APA/MLA style. Upon completion, students should be able to describe methods of information retrieval, use search strategies to teach basic research using databases, and cite resources appropriately.

LIB 213 Cataloging Nonprint Mat. 2-2-3

Prerequisites: LIB 113

This course continues the study and application of information cataloging practices. Emphasis is placed on cataloging information resources, updating bibliographic materials in databases, an overview of Dublin Core, and nonprint materials cataloging practices. Upon completion, students should be able to catalog nonprint and electronic resources.

WEB 110 Internet/Web Fundamentals 2-2-3

This course introduces basic markup language, various navigational tools and services of the Internet. Topics include creating web pages, using Internet protocols, search engines, file compression/decompression, FTP, E-mail, listservers, and other related topics. Upon completion, students should be able to deploy a web-site created with basic markup language, retrieve/decompress files, e-mail, FTP, and utilize other Internet tools.