Instructor: Iyer  
Office: Draper 145  
e-mail: hiyer@albany.edu  
Office hours:  
Monday: 2:00-4:00pm  
Wednesday: 11:00-Noon

**Course Description**

This course is designed to introduce the principles and practices of bibliographic control. A variety of methods, systems and tools will be used to illustrate the application of the underlying principles in practical situations.

**Course Objectives**

1. To understand of the concepts of bibliographic control.
2. To understand the principles of bibliographic description and of MARC (Machine Readable Cataloging) format.
3. To become familiar with the principles of authority control and other methods of maintaining consistency and clarity in bibliographic databases.
4. To learn the structure and applications of the major classification schemes, such as Dewey Decimal Classification (DDC) and Library of Congress Classification (LCC).
5. To learn the techniques and advantages and disadvantages of utilizing standard subject heading lists to define the content of bibliographic material.
6. To develop skills in applying cataloging standards, procedures, and tools to provide intellectual and physical access to information.
7. To become familiar with the issues in describing and organizing serials and other non-print materials.
8. To gain an understanding of bibliographic utilities, library consortia, workflow design, and new approaches to cataloging in the changing information environment.
9. To gain knowledge of the new approaches to cataloging in the changing information environment.

**Course Design**

The course will consist of lectures, assigned readings, class discussions, in-class group activities, demonstration of OCLC and practical exercises. Students will use the OCLC (Online Catalog Library Center) Connexion system. By means of a field trip students will have an opportunity for a real world orientation to library technical services.

**Student Exit Competencies**

Students will be able to:
1. Understand the functions of library catalogs.

2. Understand basic principles and the use of OCLC.

3. Assign call numbers using the Dewey Decimal Classification and Library of Congress Classification schemes.

4. Assign subject headings to records using the Library of Congress Subject Headings and Sears List of Subject Headings. Understand the theoretical, and practical implications of utilizing these and other standard lists.

5. Prepare catalog records for monograph materials utilizing ISBD, AACR2, RDA and the MARC format.

6. Discuss the issues relating to non-book materials and serials cataloging.

7. Search and interpret the OCLC records and also catalog using the OCLC Connexion system.

8. Understand the function of authority records; search and interpret the MARC tags in different types of OCLC authority records.

9. Evaluate library catalogs and the effectiveness of the cataloging tools and cataloging practices in meeting user needs.

**Evaluation of Student Performance**

Students are required to demonstrate an understanding of the concepts used in the organization of library materials; and have the ability to use the basic cataloging tools and the OCLC system. Homework exercises should be completed on the dates they are due.

**Final Grade**

The final grade will be based on assignments, class participation, midterm test, and a final project. They will be weighted as follows:

- Midterm Test: 25%
  - Part A (concepts and terminology)
  - Part B (cataloging)
- Assignments: 45%
- Final Project: 25%
- Class participation: 5%

**Assignments**

Descriptive cataloging and MARC assignment (#1), Subject headings (#2), Classification (#3)

**Required Text**


**Course Schedule**

1/18 Introduction and overview of the course; Terminology; description, access, and organization
1/25  Standards and catalog formats, bibliographic description, ISBD and AACR2
Machine Readable Cataloging Format (MARC)
Chap. Chap. 1 (p. 28-34), 2, 3

2/1   AACR2 and Machine Readable Cataloging format (MARC) contd.
Choice of access, RDA
Chap. 5

2/8   Choice of access and Authority records contd.
Subject access to information; Subject analysis; Assignment 1 due
General principles of subject cataloging;
Guidelines for assigning subject headings;
Chap. 7; Chap. 1 (p. 34-40)
Chap. 6 (Name & Uniform heading)

2/15  Sears  List of Subject Headings
Chap. 10

2/22  Library of Congress Subject Headings
Main Headings Function and Types
Subdivisions
Form subdivisions
Chronological Subdivision
Topical Subdivisions
Free-Floating Subdivisions
Order of Subdivisions
Cross-References
Subject Headings for children’s literature
Chap. 8

2/29  Principles and types of classification Assignment 2 due
Dewey Decimal Classification
Basic Principles and Structure
   Notation; Mnemonics, Notational Structure,
   Segmentation
Evaluation: Merits and Weaknesses
Auxiliary Tables
Number Building, Number Building Exercise
Chap. 12 and 13

3/7   DDC (continued)

3/14  Classes suspended

3/21  Midterm Test (Part A)  Part B of Midterm due
Cataloging  non-print materials; Lecture and discussion;
non-print materials exercise.

3/28  Serials cataloging. Guest Speaker, Maggie Horn, Systems Implementation Specialist, SUNY Central

**Assignment 3 due**

4/4  OCLC Connexion system

4/11  Library of Congress Classification
        Principles and Structure
        Main Classes
        Cutter Numbers
        Notation; Evaluation
        Number Building Exercise
        Chap. 14;

4/18  Issues and trends in cataloging; Student presentation of final paper/project

**Final Project Due**

4/25  Student presentations of final paper/project

5/2  Field trip to University Library, Technical Services

**Resources**

**For keeping current :**

Association of Library Collection and Technical Services (ALCTS)
http://www.ala.org/ala/mgrps/divs/alcts/alcts.cfm

Library & Information Technology Association (LITA)
http://www.ala.org/ala/mgrps/divs/lita/litahome.cfm

LITA’s Information Technology and Libraries
http://www.ala.org/ala/mgrps/divs/lita/ital/italinformation.cfm

CONSERline is an electronic newsletter published at least semiannually (January and June) by the Library of Congress Serial Record Division. It contains news of the

CONSER Program and information of interest to the serials cataloging community. It can be viewed at http://www.loc.gov/acq/conser/conserline/conserline-home.html

LC Cataloging Newsline. http://www.loc.gov/catdir/lccn/ Send message to: listserv@loc.gov with the message: subscribe lccn [firstname lastname]

**Books**


Hagler, Ronald. *The Bibliographic Record and Information Technology*. Chicago: ALA.

**Codes, Schemes and Lists**


**Electronic Resources**

1) Access to Bibliographic Network: OCLC Online Computer Library Center

OCLC and LC Documentation:


- **Understanding MARC:** [http://www.loc.gov/marc/umb/](http://www.loc.gov/marc/umb/)

- OCLC Authority Files


- Classification Web: [http://classificationweb.net/Auto/](http://classificationweb.net/Auto/)

**Online Tutorials:**


RDA Resources:

http://www.rda-jsc.org/rdafaq.html

http://www.rda-jsc.org/rdaprospectus.html

http://www.rda-jsc.org/rdafulldraft.html

http://www.rdatoolkit.org/

http://www.rdatoolkit.org/training/guidedtour


http://www.loc.gov/marc/formatchanges-RDA.html

http://www.dlib.org/dlib/january07/coyle/01coyle.html

http://www.mail-archive.com/rda-l@listserv.lac-bac.gc.ca/msg00657.html

http://www.mail-archive.com/rda-l@listserv.lac-bac.gc.ca/info.html