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Course page: <http://www2.hawaii.edu/~jacso/courses.htm>

Course Description

To study –from the viewpoint of librarians and information specialists- the evolving field of digital librarianship: the roles of the librarians and other information specialists in the digital age, the types of digital collections, the digital finding tools and resources, the tools of creativity and rules of cooperation in building and using digital collections, as well as the economic, legal and management issues related to digital libraries.

LIS Program Learning Goals and Objectives

- Demonstrate theoretical understanding of and basic competencies in evaluating, selecting and organizing information sources;(5)
- Demonstrate theoretical understanding of and basic competencies in retrieval, dissemination, utilization and evaluation of information sources;(6)
- Apply basic competencies and knowledge that are essential for providing, managing, and designing information services in a variety of information environments;(3)
- Demonstrate basic competency in the latest specialized information technologies;(11)
- Demonstrate an understanding of the above goals within the perspective of prevailing technologies.(12)

Course Learning Objectives

- To learn about the current state and the prospects of digital librarianship.
 - To get familiar with the major projects, resources and trends in digital librarianship, with emphasis on open access resources and tools.
 - To understand the digital media alternatives and the essential features of software tools available for finding information efficiently, and
 - To learn about creating simple Webliographies/Webguides.
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Methodology

A combination of lectures, demonstrations, students' presentations and class-room discussions.

Reading and Instructional Materials

There is no textbook, but there is content-rich digital reading list & carrel . The reading items and other instructional materials are available at <http://www2.hawaii.edu/~jacso/694-digr-05sp.htm>. In the digital carrel the items are hot linked either to Web sites free for anyone or to articles in Full-Text, Full-Text+Graphics or in Page Image format in various ProQuest and EBSCO databases. If you are on campus, there may be no need for user-id and password. If you are off-campus then you are asked for some of the readings to provide your UH identifiers. The digital carrel saves the drudgery of locating items of the reading list on the shelves.

More about this in class. Software and content features discussed in reviews and other articles keep changing for better or worse. It is prudent to test the current version of a digital resource for determining its quality!

Assignment and Grading

The class requires 3 hour class-time and at least 9 hour reading, study and practice time for every session. Students are advised to schedule cautiously their time, and consider the possibility of temporary down time of Web sites and other technical problems

Quizzes about the readings, features of directories and search engines and digital ready reference sources search commands (30 points), midterm paper (30 points), a term paper (40 points), For outstanding class-room participation 5 bonus points may be earned. Passive attendance does not earn bonus points!

Quizzes will be distributed for take-home assignments usually due on the following week.

For the midterm paper students will test and analyze the digital archives of scholarly publishers related to the topic of tsunami warning. Guidelines will be distributed 3 weeks before the deadline.

For the term paper students will prepare an annotated Webliography/Webguide (in HTML format) of 25-30 Websites related to the topic of tsunami warning. Derivative works based on existing guides are not acceptable and this principle will be vigorously enforced. The content of the Webliography/Webguide and its organization must reflect the students' choices and opinion about the Web sites, and must include a list of related subject guides that they consulted. There are numerous tutorials on the Web about creating HTML pages. Our students' Hui Dui workshops and/or the Keller Lab's student lab monitors may also provide help with specific questions

Course Schedule

- Session 1 INTRODUCTION & OVERVIEW
About the course
Information Infrastructure & Digital Librarianship
Internet & the Web - Technology & People
- Session 2 ACCESS TO INFORMATION
Research Areas
Movers & Shakers
The Invisible Web
Toll Access vs. Open Access
- Session 3 FINDING TOOLS - I.
Classified Web Directories, Subject Guides & Portals
Web-Wide Search Engines
- Session 4 Field Work
- Session 5 DIGITAL TEXT COLLECTIONS
E-books, E-dissertations, E-prints, E-journals
Repositories and Archives
Aggregators and Facilitators
- Session 6 FINDING TOOLS - II.
Specialty and Web-Site Search Engines
MetaSearching, Multisearching, Federated Searching
Proxy Searching
- Session 7 DIGITAL INFORMATION SERVICES
TOCs, Blogs, Watchdogs
Open Access Indexes and Abstracts
Free and Fee-based Digital Document Delivery

Fee-based Database Services

- Session 8 DIGITAL READY REFERENCE SOURCES - I.
Dictionaries & Encyclopedias
Almanacs, Factbooks & Atlases
Biographies
- Session 9 DIGITAL READY REFERENCE SOURCES - II.
Ready Reference Suites
Directories & Catalogs
Review Collections & Consumer Guide "books"
- Session 10 DIGITAL READY REFERENCE SOURCES - III.
Citation-enhanced Databases
Journal Citation Reports
- Session 11 DIGITAL READY REFERENCE SOURCES - IV.
OCLC WorldCat
Alexa and Jake
Amazon Search in the Book
- Session 12 TOOLS OF CREATIVITY & COOPERATION - I.
Objects, Digital Identifiers & Metadata
- Session 13 TOOLS OF CREATIVITY & COOPERATION - II.
Building Digital Bridges through Links
The Power of Linking in Practice
- Session 14 MANAGEMENT ISSUES
Organization & Access in a Networked World
Libraries Without Bricks & Walls
Acting Locally & Thinking Globally
- Session 15 SOCIAL, ECONOMIC & LEGAL ISSUES