

Syllabus

Department: Division of Library and Information Science

Course Number and Title: LIS 238 Web Design for Libraries and Information Centers

Bulletin Description: [25 words maximum]

The course introduces the design of web sites for *large* institutions for graduate students having a range of academic backgrounds.

Prerequisite(s): None

Co-requisite(s): None

Course Objectives:

As outcomes of the course, students will:

- 1) Understand the relationship between users' needs and information seeking behaviors.
- 2) Understand the systems comprising the information architecture of web sites including organization, labeling, and navigation.
- 3) Critique the information architecture of organizational websites.
- 4) Understand the principles for building usable and accessible web sites.
- 5) Critique the usability and accessibility of organizational websites.
- 6) Explore technology trends related to information seeking and/or information exchange over the Internet.
- 7) Gain proficiency in Word Press, developing the skills necessary to build web sites.
- 8) Write a design proposal which analyzes an existing site, reviews related benchmarks, and proposes architectural strategies to the solve problems identified.
- 9) Construct a prototype website implementing (in part) the recommendations of the design proposal (objective 8).

Program Goals and Outcomes:

4A) Acquire, apply, analyze and assess information, communication, assistive, and other technological skills related to resources, service delivery, professionalism, efficacy, and cost-efficiency of current technologies and relevant technological improvements.

Units of Instruction:

The table below lists the required reading in the Morville and Rosenfeld text.

Chapter	Title
1	Defining Information Architecture
2	Practicing Information Architecture
3	User Needs and Behaviors
4	The Anatomy of an Information Architecture
5	Organization Systems

6	Labeling Systems
7	Navigation Systems
8	Search Systems

Bibliography:

- Rosenfeld, L., & Morville, P. (2007). *Information architecture for the world wide web* (3rd ed.). Sebastopol, CA: O'Reilly. ISBN: 978-0-596-52734-1
- Sabin-Wilson, L. (2011). *WordPress For Dummies* (4th ed.). Hoboken, NJ: Wiley.
- Adobe Creative Team (2010). *Adobe Dreamweaver CS5 Classroom in a Book*. Adobe Press.
- Clark, J. (2003). *Building accessible websites*. New Riders.
- Cooper, A. (1999). *The inmates are running the asylum: Why high tech products drive us crazy and how to restore the sanity*. Sams.
- Krug, S. (2000). *Don't make me think ! A common sense approach to web usability*. New Riders.
- Lehman, T., & Nikkel T. (2008). *Making library web sites usable*. Neal-Schuman.
- Niederst, J. (2003). *Learning web design* (2nd ed.). O'Reilly.
- Nielsen, J. (2000). *Designing web usability: The practice of simplicity*. New Riders.
- Nielsen, J., & Tahir M. (2002). *Homepage usability: 50 web sites deconstructed*. New Riders.
- Robbins, J. N. (2006). *Web design in a nutshell* (3rd ed.). O'Reilly.
- Rosenfeld, L., & Morville, P. (2007). *Information architecture for the world wide web* (3rd ed.). O'Reilly.
- Williams, R., Tollett, J., & Rohr, D. (2002). *Web design workshop*. Peach Pit Press.

Instructional Time Requirements: 150 hours for 3 credits (10 hours per week for our 15 week semester)

- Asynchronous or synchronous Lecture
- Assigned weekly reading
- Weekly assignments (individual and group)
- Active participation in online discussions
- Research for semester-long projects (term papers, projects)
- Presentations (online or face to face)
- Academic Service-Learning projects (where appropriate)