



LEAD CITY UNIVERSITY

Faculty of Arts and Education

Department of Library and Information Science

COURSE PARTICULARS

Course Code: LIS 311
Course Title: Digital Libraries
No. of Units: 2
Status: Compulsory

LECTURER DETAILS

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Areas of Specialization: Library and Information Science

COURSE DESCRIPTION

The course discusses the digital library: its aims and characteristics, electronic publishing, digital/electronic information sources and development, management of digital / electronic information sources; services and technical processes, functions of digital libraries and activities, digitization and digital storage, intellectual property, security of digital information sources, multimedia and applications, the Internet and digital libraries, the digital libraries National systemization, financing, staff training and development, local and universal models.

COURSE OBJECTIVES

- To acquire the knowledge and understanding of major issues constituting the basis of digital libraries.
- To identify and discuss major issues in the development and management of digital libraries.
- To develop an understanding of major metadata standards and schemas used in digital libraries
- To study and evaluate various digital libraries and digital collections
- To prepare students to work productively and creatively in digital libraries and related digital information environment.

ASSESSMENT

Class Attendance	5 marks
Test(s) and Assignments	25 marks
Final Examination	70 marks

LECTURE PLAN

Week	Topic
Week 1-2	Definition of concepts: Digital Library; Virtual Library; Electronics Library; Hybrid library; and their differences
Week 3	Types and trends of electronic / digital libraries. Characteristics
Week 4	Features, Advantages / disadvantages / Challenges of digital library
Week 5	Issues and challenges in creating, organization, access and retrieval in digital libraries
Week 6	Methods and skills to analyze and evaluate digital libraries
Week 7	Myths and challenges of digital library
Week 8-9	Identify and discuss technical, social, economic and cultural implications of digital libraries
Week 10-11	Electronic resources management <ul style="list-style-type: none">➤ What is ERM➤ Access management➤ Web presentation methods➤ ERM tools: EZ proxy; SFX, etc.
Week 12	REVISION, TESTS and Assignments

READING LIST

1. Aina, L.O. et al. (2008). Information and Knowledge Management in the Digital Age: Concepts, Technologies and African Perspectives, Ibadan, Third World Information Services Ltd. 457p.
2. Chiweza, Diston Store (2006). The potential for Virtual library services to promote teaching and research and reduce the digital divide: a case study of the University of Malawi. Retrieved on 17/10/2006 from <http://www.ascleiden.nl/pdf/elecpublconfchiweza.pdf>
3. Misco, W.H. (2005). Digital Libraries: Challenges and Influential Work. D-Lib Magazine, !!(7/8) July/August.
4. Sadeh, T.(2005). Electronic Resource Management Systems: the need and the realization. New Library World, 106(5&6). Available from <http://emeraldinsight.com/nlw.htm>
5. Verma, M.K., Verma, N.K. (2014). Concept of hybrid, digital and virtual library: a professional approach. InfoLib 7(14): 19-23

TUTORIAL QUESTIONS (2016/2017)

1. Discuss 5 challenges African academic institutions have to overcome in order to make effective use of digital libraries
2. Define 'Digital libraries'. Identify and discuss 5 advantages of digital libraries over traditional libraries
3. What is the future of of print based libraries given that digital libraries are gaining a lot of recognition and acceptance all over the world?
4. What is access management in relation to electronic resources? Discuss 3 important issues in access management
5. It is good practice to establish clear guidelines and processes for the evaluation and selection of electronic resources. Discuss 5 issues each you would consider in evaluating:
 - a) Vendor support
 - b) Content of resources
6. Compare and contrast Digital libraries and Virtual libraries
7. Describe the features of Shibboleth technology. Identify 5 benefits of using Shibboleth technology
8. Write short notes on 4 of the following:
 - a) SFX technology
 - b) EZ Proxy
 - c) Full-text databases
 - d) E-Journals
 - e) Federated search
9. Do you in your opinion believe that digital libraries will solve the problem of constrained book budget in Africa?
10. Modern libraries are more concerned with 'library connection' than 'library collection'. Discuss

