



VALDOSTA STATE UNIVERSITY

Master of Library and Information Science
MLIS 7500 Computer Applications for Information Professionals
Spring Semester 2012
Three Credit Hours

Syllabus



Instructor:

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Office Hours: by appointment

Catalog Description: A study of concepts, applications, issues, and trends for information professionals. Topics include hardware and software, networks and the Internet, data security, digital media, database basics, and programming basics. The impact of information technologies on libraries and information centers is emphasized.

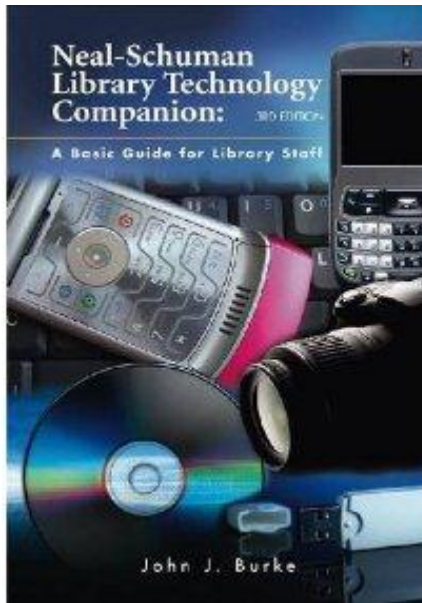
Learning Outcomes:

Students will:

- Become familiar with computer (hardware and software) and Internet basics
- Learn about library information technology tools
- Study the basics of networks and data security
- Understand the Web and digital media

- Learn the basics of databases and programming
- Discover the growing trends in technology and how they affect libraries

Textbook:



Title: Neal-Schuman Library Technology Companion
Edition: 3rd
Publisher: Neal-Schuman
Year: 2009
Author: Burke, John
ISBN-10: 1555706762
ISBN-13: 978-1555706760

Assignments:

These are the general assignments for the course. Please check Blazeview each week for assignment details and due dates.

- 40 points for assignments (8 assignments)
- 20 points for quizzes (2 quizzes)
- 15 points for class participation
- 25 points for Technology Trends Reports (5 reports)

Assignment Calendar:

Week 1: January 9-15
Introductions (5 points for class participation)
Read textbook chapter 0

Week 2: January 16-22
Computer and internet basics

Read textbook chapters 1, 2 & 3
Class participation (1 point) see Blazeview for details
Assignment 1 (5 points) see Blazeview for details

Week 3: January 23-29
Computer hardware
Read textbook chapter 4
Class participation (1 point) see Blazeview for details
Assignment 2 (5 points) see Blazeview for details

Week 4: January 30-February 5
Digital media
Read textbook chapter 7
Class participation (1 point) see Blazeview for details
Assignment 3 (5 points) see Blazeview for details

Week 5: February 6-12
The Web
Read textbook chapters 10 & 12
Class participation (1 point) see Blazeview for details
Assignment 4 (5 points) see Blazeview for details

Week 6: February 13-19
Data security
Read textbook chapter 14
Class participation (1 point) see Blazeview for details
Assignment 5 (5 points) see Blazeview for details

Week 7: February 20-26
Computer networks
Read textbook chapter 5
Class participation (1 point) see Blazeview for details
Assignment 6 (5 points) see Blazeview for details

Week 8: February 27-March 4
Computer software
Read textbook chapter 11
Class participation (1 point) see Blazeview for details
Assignment 7 (5 points) see Blazeview for details

Week 9: March 5-11
Information Technology Tools
Read textbook chapter 8
Class participation (1 point) see Blazeview for details
Assignment 8 (5 points) see Blazeview for details

Week 10: March 12-18
Spring Break

Week 11: March 19-25
Relational database basics

- Tables
- Relationships
- Fields
- SQL Queries: Simple and Complex

Quiz 1 (10 points) see Blazeview for details

Week 12 & 13: March 26-April 8

Programming basics

- PHP, Perl, Python
- JAVA
- Java script
- HTML5
- LAMP

Quiz 2 (10 points) see Blazeview for details

Week 14: April 9-15

Library Technology Trends

Read textbook chapter 18

Technology trends report 1 (5 points) see Blazeview for details

Week 15: April 16-22

Technology trends reports 2 & 3 (5 points each) see Blazeview for details

Week 16 & 17: April 23-May 2

Technology trends reports 4 & 5 (5 points each) see Blazeview for details

Class participation (2 points) see Blazeview for details

Course Grades:

Students can earn a maximum of 100 points in this course as indicated above.

Course grades will be awarded as follows:

- A: 91 – 100 points
- B: 81 – 90 points
- C: 71 – 80 points
- D: 60 – 70 points
- F: fewer than 60 points

Late policy: for assignments turned in a day or less late, you will lose 10% of your grade. Assignments more than a day late will not be accepted. Assignments are due Sunday night of each week at 11 PM. If you have extenuating circumstances, please contact the instructor before the assignment is due.

Attendance:

This is a web delivered course. All course communications, assignments, activities, and materials will be accessible from the BlazeVIEW web site. Students will need to check BlazeVIEW daily for updates.

Technical Requirements:

All class materials will be placed in the BlazeVIEW course management program. If you are a new BlazeVIEW user, go to the BlazeVIEW help pages at <http://www.valdosta.edu/vista/students.shtml>. All written work must be submitted as attachments to the assignment modules in the BlazeView course website using Word or rtf formats. If you use any word processing program other than Microsoft Word, please save your document in Rich Text Format (rtf). All written work file names should begin with your last name and include the assignment name as the file name, for example: **hansard_assignment1.doc**. The university's Information Technology department provides step-by-step guides on how to use VSU's email and other sources. The IT Help Desk is at <http://www.valdosta.edu/helpdesk/guides/> and their phone line is 229-245-4357.

Syllabus last updated January 2, 2012.