

**Louisiana State University
School of Library and Information Science**

**LIS 2003
Information and Internet Environments
Spring 2020
Instructor: Dr. Boryung Ju**

Catalog Description

Introduction to concepts that underlie the Internet environments and related technologies; the effective and ethical use of digital information and communication; principles of information interaction and findability on the World Wide Web.

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Contact information

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Office hours: Wednesdays 9:00 - 11:00 am or by appointment (Coates Hall, #266)

Course Description

This course offers an overview of how technologies work and are applied to the information environment on the Internet. It introduces fundamental concepts and issues in computer systems, World Wide Web, social media, and information security and ethics. This course also provides students with knowledge about how information is organized to be findable on the Web.

Course Objectives

Upon satisfactory completion of this course, the student will:

- Be familiar with basic concepts of computer and information technologies
- Understand how the information technologies are applied to process and present information in the Web environment
- Understand the networked communication and computer security issues
- Address the roles of social media and their impact on information and society
- Turn their knowledge of information technologies into practical application to solve problems in everyday information situations.

Textbooks

- Vermaat, Misty, and others. (2017). *Discovering Computers 2017: Tools, Apps, Devices, and the Impact of Technology*. Cengage Learning. [This is the required textbook; There is a link on the Moodle course site for obtaining the textbook, so follow the link.]
- Morville, Peter. (2014). *Intertwined: Information Changes Everything*, Semantic Studios. Readings for chapters from this book will be posted to the Moodle course site by Dr. Ju.
- Additional readings will be posted to the Moodle course page accordingly.

16 Week Course Schedule

Week 1 (1/13 – 1/19)	Introduction and syllabus review
Week 2 (1/20 – 1/26)	Introduction to Information Technologies Vermaat, et al., ch. 1: Today's Technologies: Computers, Devices, and the Web Class Exercise & Discussion (CED) #1: due on Jan 28, 11:59 pm CST <i>Martin Luther King Day Holiday, Jan. 20 (M), 2020</i>
Week 3 (1/27 – 2/2)	Internet and the Web Vermaat, et al., ch. 2: Connecting and Communicating: The Internet, Websites, and Media CED #2: due on Feb. 4, 11:59 pm CST
Week 4 (2/3 – 2/9)	Computers & Mobile Devices Vermaat, et al., ch. 3: Computers and Mobile Devices: Evaluating Options for Home and Work CED #3: due on Feb. 11, 11:59 pm CST
Week 5 (2/10 – 2/16)	Application Software Vermaat, et al., ch. 4: Programs and Apps: Productivity, Graphics, Security, and Other Tools CED #4: due on Feb. 18, 11:59 pm CST
Week 6 (2/17 – 2/23)	Ethics, Privacy, and Information Vermaat, et al., ch. 5: Digital Security, Ethics, and Privacy: Threats, Issues, and Defenses Quiz #1 (Feb. 18th (Tue) @ 7 pm CST) CED #5: due on Feb. 28 (Fri) , 11:59 pm CST

- Week 7 Information and Networked Communications
(2/24 – 3/1) Quinn, M. (2017), *Ethics for the Information Age*, ch. 3: Networked Communications
Mardi Gras Holiday, Feb. 24 (Mon), 7:30 am – Feb. 26 (Wed), 12:30 pm
- Week 8 **Midterm Exam (Mar. 7th (Sat) @7 pm)**
(3/2 – 3/8)
- Week 9 Computer and Network Security
(3/9 – 3/15) Quinn, M., *Ethics for the Information Age*, ch. 7: Computer and Network Security
Homework Assignment (HA) #1 Due (Mar. 10 (Tue), by 11:59 pm CST)
CED #6: due on Mar. 17, 11:59 pm CST
- Week 10 Communicating Digital Content
(3/16 – 3/22) Vermaat, ch. 10: Communicating Digital Content: Wired and Wireless Networks and Devices
- Spring Break, Mar. 23 (Mon) – Mar. 29 (Sun)**
- Week 11 E-waste
(3/30 – 4/5) CED #7: due on Apr 7, 11:59 pm CST
- Week 12 Organizing Information
(4/6 – 4/12) Glushko, ch. 1: Foundations for Organizing Systems, pp 1-36
CED #8: due on Apr 14, 11:59 pm CST
Quiz #2 (Apr. 7 (Tue) @ 7 pm CST)
- Week 13 Information and Systems
(4/13 – 4/19) Morville, ch. 1: Nature
- Week 14 Information Representation I
(4/20 – 4/26) Morville, ch. 2: Categories
Homework Assignment #2 Due (Apr. 25 (Sat), by 11:59 PM CST)
- Week 15 Information Representation II
(4/27 – 5/3) Morville, ch. 3: Connections
- Week 16 **Final Exam (May 9 (Sat) @7 pm CST)**
(5/4 – 5/10)

Grading Scheme

99-100%	A+
93-98%	A
90-92%	A-
87-89%	B+
84-86%	B
80-83%	B-
77-79%	C+
74-76%	C
70-73%	C-
67-69%	D+
64-66%	D
60-63%	D-
Below 60%	F

Grading Policies

All required assignments and class exercises/discussions must be submitted to the designated places on the Moodle course site in time. A grade of "A" indicates that the student has exceeded the requirements and demonstrated a superior understanding of the principles and concepts involved. A grade of B indicates that the student has achieved the objectives and met the requirements for the course. A grade of C indicates that the student has partially met the requirements, but demonstrates an incomplete understanding of the principles and concepts involved. A grade of D indicates that the work does not meet the requirements and demonstrates a lack of understanding. A grade of F indicates that the student did not meet any of the course requirements or objectives.

Final grades will be computed based on the following activities

Ten class exercises/discussions (CED) (8 CEDs x 3.5 points + 2 points)	30%
Two homework assignments (2 HWs x 10 points)	20%
Two quizzes (2 quizzes x 7.5 points)	15%
Midterm Exam	15%
Final Exam	20%

Description of activities that will be graded

- Class Exercises & Discussions (30 points)

Students are expected to participate in the weekly class exercises/discussions via the Moodle forums. Discussion questions/class exercises will be posted for the 8 weeks (See 16 Week Course Schedule) and students must complete them by the designated time (**$3.5 \times 8 + 2 = 30$; 2 is the base points everyone will receive**). Therefore, CEDs account for 30 % (30 points) of the semester grade.

- Homework assignments (20 points)

There are two homework assignments that will be distributed throughout the entire semester. The topics are listed below:

HW#1: Data security issues in cyberspaces

HW#2: Information Representation (InfoGraphic)

- Two exams (35 points)

There are two exams with multiple-choice questions. The final exam will be cumulative of the topics in the semester.

- Two quizzes (15 points)

There are two quizzes with multiple-choice questions. Each quiz will have 15-25 questions.

Communications

All the class activities will occur in the Moodle course site (LIS2003). Students are supposed to visit the course site on a regular basis in order to keep up with the class. The class announcements are posted (by Dr. Ju) in the "Class Announcements"; HAs and CEDs should be submitted to the designated forums; and students' questions need to be submitted to the weekly "Q&A" forums. Those questions will be answered within 24 - 48 hours during weekdays. Please expect more time to get responses during weekends and holidays.

In this course, your LSU email address will be used as default for all communications in the course. If you prefer to use other email accounts for the class communication, you should set them up appropriately so that the messages from the class can be forwarded to your preferred email account.

For any help with the Moodle site or technical support, contact LSU ITS (LSU Information Technology Services) Help Desk 578-3375, by email at helpdesk@lsu.edu.

Expectations

LSU's general policy states that for each credit hour, you (the student) should plan to spend at least three hours working on course related activities outside of class. Since this course is for three credit hours, you should expect to spend a minimum of nine hours outside of class each week working on assignments for this course. For more information see: <http://catalog.lsu.edu/content.php?catoid=12&navoid=822>.

Academic Integrity

Louisiana State University adopted the Commitment to Community in 1995 to set forth guidelines for student behavior both inside and outside of the classroom. The Commitment to Community charges students to maintain high standards of academic and personal integrity. All students are expected to read and be familiar with the LSU Code of Student Conduct and Commitment to Community, found online at www.lsu.edu/saa. It is your responsibility as a student at LSU to know and understand the academic standards for our community.

Students who are suspected of violating the Code of Conduct will be referred to the office of Student Advocacy & Accountability. For undergraduate students, a first academic violation could result in a zero grade on the assignment or failing the class and disciplinary probation until graduation. For a second academic violation, the result could be suspension from LSU. The most recent version of the Code of Student Conduct is available at <http://www.lsu.edu/saa>

Information for Students with Disabilities

LSU policy requires a student who claims disability status to make a formal request for accommodation through the Office of Disability Services, 115 Johnston Hall, phone 225-578-5919. This office provides the necessary evaluation and recommendations to ensure full participation in the course. For more information, go to <http://www.lsu.edu/disability>.

LSU Student Code of Conduct

The LSU student code of conduct explains student rights, excused absences, and what is expected of student behavior. Students are expected to understand this code as described here: <http://students.lsu.edu/saa/students/code>. Any violations of the LSU student code will be duly reported to the Dean of Students.

Attendance, Late Work, & Missed Exams

No make-up exams (quizzes, midterm exam, and final exam) will be allowed unless students provide reasonable advance notification and appropriate documentation of the reason for absence (see LSU Policy Statement 22). In such cases, the student must submit an appropriate documentation with a written request for an exception, which includes a valid explanation for missed exams.

No late work (HAs and CEDs) will be accepted unless students provide reasonable advance notification and appropriate documentation of the reason for late submission (see LSU Policy Statement 22). In the event of an emergency, a student must notify the instructor within five days and request an extension for any missed assignments. The instructor reserves the right to request documentation before granting approval for a make-up assignment.