

# IS – 567 INFORMATION NETWORKING APPLICATIONS (Spring 2009)

Instructor – Dr. Vandana Singh  
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## Course Schedule

Week	Date	Topic	Due Dates
1	1/14/09	Introduction – HTML	
2	1/21/09	Web 2.0 & Social Networking	Assignment 1(HTML)
3	1/28/09	Library 2.0 & Folksonomy / Tagging	Assignment 2 (Social Networking)
4	2/4/09	E-Publishing & Wiki's and Blogs	
5	2/11/09	Collaborative Browsing & Search Engines	Assignment 3 (Wiki/Blog)
6	2/18/09	Recommender Systems & RSS & ATOM	
7	2/25/09	Open Source Software in Libraries	Assignment 4 (RSS Feed)
8	3/4/09	Information Security & Podcasting	
9	3/11/09	Digital Rights Management	Assignment 5 (Podcasting)
10	3/18/09	<b>NO CLASS – SPRING BREAK</b>	
11	3/25/09	Video Sharing in Libraries	
12	4/1/09	Content Management Systems – Drupal	Assignment 6 (Video Sharing)
13	4/8/09	Libraries and Mobile Technologies	
14	4/15/09	Virtual Life	
15	4/22/09	Learning Object Repositories	
16	4/29/09		Final Project (Drupal)

**Office Hours – Tuesday 1.00 PM to 3.00 PM or by appointment**

**Class Meeting Time – Wednesday 6.30 PM to 9.10 PM Online (Centra)**

**Course Catalog Description:** Scholarly and community-based electronic communications. National and international standards, tools, resources; identification, analysis, evaluation, and

management of tools and resources; construction of local technologies as developed and applicable.

## **Objectives**

IS 567 provides hands-on experience with latest information and communications technologies (ICTs) as well as a theoretical insight into emerging trends and techniques. Emphasis is on community based electronic communications and construction / implementation of relevant Web 2.0 technologies.

At the end of the semester, based upon your personal experiences and the class readings, lectures and discussion, you will be able to:

- 1 Demonstrate knowledge of emerging trends and technologies relevant to libraries.
- 2 Demonstrate knowledge of Web 2.0 concept and application software.
- 3 Demonstrate knowledge and skills of implementation and evaluation of Web 2.0.
- 4 Demonstrate, through completion of assignments and the project, the ability to identify, evaluate, compare and select applications appropriate for supporting delivery of information services and resources.
- 5 Demonstrate, through completion of assignments and the term project, knowledge of the architecture and components used to support current World Wide Web-based information systems.

## **Required Materials**

### Readings

There is no specific textbook for this course (but see Recommended Materials, below). Instead, readings will be assigned each week. Most will be available via the WWW, the UT library Web site, or the course Blackboard site. Some may also be available via course reserves.

## **Computing Requirements**

### Blackboard

The syllabus and other course-related information is available on the Blackboard system Online@UT at <http://online.utk.edu/>. This system provides support for asynchronous communications for the course. You will need your NetID and password to access the materials at Online@UT.

System and browser recommendations can be found at [http://online.utk.edu/system\\_req.shtml](http://online.utk.edu/system_req.shtml). This page also provides links to other information about the system.

## **Reading Materials**

Reading materials will be available online, either on the Internet or UTK library. Readings for each week will be given in advance and it will be the responsibility of the student to complete the readings and contribute to the class discussions based on the readings.

## Grades

Grades are based on assignments (55%), learning summary (10%), class participation and attendance (15%) and the term project (20%).

Assignment	Weight (%)	Due Date
Assignment 1 (HTML)	5	1/21/09
Assignment 2 (Social Networking)	10	1/28/09
Assignment 3 (Wiki/Blog)	10	2/11/09
Assignment 4 (RSS)	10	2/25/09
Assignment 5 (Podcasting)	10	3/11/09
Assignment 6 (Video Sharing)	10	4/1/09
Final Project (Drupal)	20	4/29/09
Learning Summary	10	5/6/09
Participation (In Class + on BB)	15 (5+10)	
<b>Total</b>	<b>100</b>	

Your presence and participation is vital to the success of this class: attendance and class participation are expected and do affect the "participation and attendance" portion of your final grade. If an absence is unavoidable, please e-mail me before the absence, if at all possible.

Class participation includes contributing during class discussions — sharing your thoughts and experiences about information technologies — and monitoring and posting to the asynchronous discussion boards (located on Blackboard) each week. The quality of your contributions is more important than the quantity of contributions.

Read the assigned materials prior to the class for which they are assigned, and be prepared to refer to passages or issues of interest to you during our discussions. Ensure your class participation by responding on Blackboard to the readings, and responding to others' postings.

If you have questions about the class, look at the "Questions About Class / General Discussion" discussion board. Please post your questions first to the class bulletin boards located on the Blackboard system at <http://blackboard.utk.edu/webapps/login/> unless the question is of a confidential nature (e.g., grades). Sharing your questions is helpful because (1) other people may have the same or similar questions and (2) you may get a faster or better response from other people in the class. I will be reading the discussion boards almost daily.

Policy on late submission of assignments and projects: A minimum of 5% will be deducted from your grade for each 24 hour period your submission is late. The assignments will not be graded after one week

of due date. Please contact me prior to any assignment or project due date (as far in advance as possible) in order to negotiate adjustments due to an emergency.

Final grades will be assigned as follows:

<b>Letter</b>	<b>Score (%)</b>	<b>Semantics</b>
A	91-100	Superior performance.
B+	85-90	Better than satisfactory performance.
B	79-84	Satisfactory performance.
C+	75-78	Less than satisfactory performance.
C	70-74	Performance well below the standard expected of graduate students.
D	60-69	Clearly unsatisfactory performance; cannot be used to satisfy degree requirements.
F	0-59	Extremely unsatisfactory performance; cannot be used to satisfy degree requirements.
I	N/A	A temporary grade indicating that the student has performed satisfactorily in the course, but, due to unforeseen circumstances, has been unable to finish all requirements. An "I" will not be give to enable a student to do additional work to raise a deficient grade. All incompletes must be removed within one semester, excluding the summer term. Note that requests for incompletes are not likely to be approved for undergraduate courses.

### **Academic Integrity**

University of Tennessee Policy: "The responsibility for learning is an individual matter. Study, preparation and presentation should involve at all times the student's own work, unless it has been clearly specified that work is to be a team effort. Academic honesty requires that all work presented be the student's own work, not only on tests, but in themes, papers, homework, and class presentation. There is a clear distinction between learning new ideas and presenting them as facts or as answers, and presenting them as one's own ideas. It is part of the learning process to incorporate the thoughts or ideas of others into one's own mind and presentations with the purpose of learning and enlarging on personal boundaries of knowledge." (Hilltopics: Student Handbook, 2006-2007, p. 40. Available at <http://web.utk.edu/~homepage/hilltopics/HILLTOPICS2006-07.pdf>).

"The University expects that all academic work will provide an honest reflection of the knowledge and abilities of both students and faculty. Cheating, plagiarism, fabrication of data, providing unauthorized help, and other acts of academic dishonesty are abhorrent to the purposes for which the University exists. In support of its commitment to academic integrity, the University has adopted an Honor Statement (see page 11)." (Hilltopics: Student Handbook, 2006-2007, p. 41. Available at <http://web.utk.edu/~homepage/hilltopics/HILLTOPICS2006-07.pdf>).

The instructor reserves the right to change the syllabus as and when required.