

# INSC - 581 INFORMATION NETWORKING APPLICATIONS (Spring 2019)

Instructor - Dr. Vandana Singh [vandana@utk.edu](mailto:vandana@utk.edu)

Class Meeting Time - Monday and Wednesday 5:05 pm to 6:20 pm

Zoom Link <https://tennessee.zoom.us/j/929842793>

Office Hours - By appointment via email

Week	Date and Topic	Date and Topic
1	NO CLASS	1/9 - Introductions and Course Overview
2	1/14 - HTML	1/16 - HTML
3	1/21 MLK Holiday	1/23 - In-Class Activity 1 - HTML
4	1/28 - Social Media Management Assignment 1	1/30 - Screencasting
5	2/4 - Podcasting	2/6 - In-Class Activity 2 - SM Research
6	2/11 - OSS for Libraries	2/13 - 3-D Printing
7	2/18 - Content Management Systems	2/20 - In-Class Activity 3 - SW Comparison
8	2/25 - Word Press Demo Assignment 2	2/27 - Mobile Apps for Libraries
9	3/4 - Evaluating Mobile Apps	3/6 - In-Class Activity 4 - QR Codes
10	3/11 - Information Security	3/13 - In-Class Activity 5 - Security Breach
11	3/18 - Spring Break	3/20 - Spring Break
12	3/25 - CMS Types Assignment 3	3/27 - Word Press Updates
13	4/1 - SEO and Google Analytics	4/3 - Web Design Principles for CMS
14	4/8 - Fundamentals of Usability	4/10 - In-Class Activity 6
15	4/15 - Word Press QnA Session Assignment 4	4/17 - IT Career Paths for IS students
16	4/22 - Final Presentation	4/24 - Final Presentation
Final Project Due - 5/1/19		

**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.

### Student Outcomes

INSC 581 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 discussions and assignments, 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 basic level understanding of an online content management system, conceptual as well as applied.

### 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** - Canvas - The syllabus and other course-related information is available on the Canvas LMS 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. For Canvas login, please visit <https://utk.instructure.com/>. 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%), Final Project (20%), Learning Summary (5%), Class Participation and Attendance (20%).

Assignment	Weight (%)	Due Date
Assignment 1 (HTML)	10	1/28/19
Assignment 2 (Social Media Policy)	10	2/25/19
Assignment 3 (Podcasting & Screencasting)	20	3/25/19
Assignment 4 (Mobile App Prototypes)	15	4/15/19

Final Project (Drupal)	15	1/5/19
Final Presentation	5	4/22 and 4/24
Learning Summary	5	1/5/19
Participation and Attendance	10	
In-Class Activity	10	
<b>Total</b>	<b>100</b>	

Assignment	SIS Learning Outcomes
Assignment 1 (HTML)	Analyze and apply standards or policies related to the processes of creation, organization, distribution, storage, access, retrieval, management, use or preservation of information.
Assignment 2 (Social Media Policy)	Analyze and apply standards or policies related to the processes of creation, organization, distribution, storage, access, retrieval, management, use or preservation of information. Apply the general principles, values, and ethical standards of providing information services in a variety of settings and for diverse populations Analyze research and apply it to information practice.
Assignment 3 (Podcasting & Screencasting)	Assess and implement information technologies, systems, sources and services that serve users effectively and efficiently.
Assignment 4 (Mobile App Prototypes)	Assess and implement information technologies, systems, sources and services that serve users effectively and efficiently. Analyze research and apply it to information practice.
Final Project (Drupal)	Assess and implement information technologies, systems, sources and services that serve users effectively and efficiently.

**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 if submitted after one week from the due date.** If you are given a chance to resubmit any assignment; in order to be graded, the assignment should be resubmitted within 2 days of receiving the comments. 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. 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. 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 Canvas LMS at

<https://utk.instructure.com/courses/70839> 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. When you send me an email please make sure you are using your UTK email and have INSC 581 in the subject line. If you use a non utk email id, there is a high chance that it will be filtered to my spam folder and hence be missed. **If you do not receive a response from me within 48 hours, please resend the email.**

### Use of Mobile Apps – Class Policy

Use of Mobile Apps for Blackboard Learn should be limited to checking the content posted on the class site including announcements, grades and discussion board posts. Use of Cellphone Mobile Apps for Blackboard Collaborate to attend classes is prohibited. **The instructor reserves the right to ask you to logout from the Zoom session if you are using a Mobile App to attend the class.**

Final grades will be assigned as follows:

Letter	Score (%)	Semantics
A	93-100	Superior performance
A-	89-92	Less than superior performance
B+	85-88	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.

### INCLEMENT WEATHER

*“The chancellor (or appointed representative) may officially close or suspend selected activities of the university because of extreme weather conditions. When a decision to close is made, information is distributed to the campus community, shared with local media, and posted on the front page at <http://utk.edu>. (Hilltopics, p. 55)( <http://hilltopics.utk.edu/files/Hilltopics%202015-16.pdf> ). SIS will cancel classes when UT is closed. Please check the SIS student listserv ([UTKSIS-L@LISTSERV.UTK.EDU](mailto:UTKSIS-L@LISTSERV.UTK.EDU)) for messages about closing.*

### ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Students who may need course adaptations because of a disability are welcome to make an appointment to speak with me. Students with disabilities must register with the [Student Disability Services](#), 2227 Dunford Hall, Knoxville, TN 37996-4020, before accommodations can be made. If you require course accommodations but have not contacted Student Disability Services, please call (865) 974-6087 or email [sds@utk.edu](mailto:sds@utk.edu) to inquire about the registration procedure.

## **CIVILITY**

Civility is genuine respect and regard for others: politeness, consideration, tact, good manners, graciousness, cordiality, affability, amiability and courteousness. Civility enhances academic freedom and integrity, and is a prerequisite to the free exchange of ideas and knowledge in the learning community. Our community consists of students, faculty, staff, alumni, and campus visitors. Community members affect each other's well-being and have a shared interest in creating and sustaining an environment where all community members and their points of view are valued and respected. Affirming the value of each member of the university community, the campus asks that all its members adhere to the principles of civility and community adopted by the campus: <http://civility.utk.edu/>.

## **CCI DIVERSITY STATEMENT**

The College of Communication and Information recognizes that a college diverse in its people, curricula, scholarship, research, and creative activities expands opportunities for intellectual inquiry and engagement, helps students develop critical thinking skills, and prepares students for social and civic responsibilities. All members of the College benefit from diversity and the quality of learning, research, scholarship and creative activities is enhanced by a climate of inclusion, understanding and appreciation of differences and the full range of human experience. As a result, the College is committed to diversity and equal opportunity and it recognizes that it must represent the diversity inherent in American society. The College is acutely aware that diversity and fairness are foundations that unite the College's faculty, staff, students, and the larger communication and information community.

## **INSTRUCTOR STATUS AS A TITLE IX MANDATORY REPORTER**

University of Tennessee faculty are committed to supporting our students and upholding gender equity laws as outlined by Title IX. Please be aware that if you choose to confide in a faculty member regarding an issue of sexual misconduct, dating violence, or stalking, we are obligated to inform the University's Title IX Coordinator, who can assist you in connecting with all possible resources both on- and off-campus. If you would like to speak with someone confidentially, the Student Counseling Center (865-974-2196) and the Student Health Center (865-974-3135) are both confidential resources.

For additional resources and information, visit [titleix.utk.edu](http://titleix.utk.edu).

## **ACADEMIC INTEGRITY**

Students should be familiar and maintain their *Academic Integrity* described in <http://hilltopics.utk.edu/files/Hilltopics%202015-16.pdf>, p. 15 as: "*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 the student present his or her own work in all academic projects, including tests, papers, homework, and class presentation. When incorporating the work of other scholars and writers into a project, the student must accurately cite the source of that work.*"

Students should abide by the **Honor Statement** described in the same Hilltopics, p. 73:

*“An essential feature of The University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.”*

**PLAGIARISM** - Plagiarism in any of its several forms is intolerable, and attention to matters of documentation in all written work is expected and required. Inadvertence, alleged lack of understanding, or avowed ignorance of the various types of plagiarism are not acceptable excuses.

***Specific examples of plagiarism are:***

1. Copying without proper documentation (quotation marks and a citation) written or spoken words, phrases, or sentences from any source;
2. Summarizing without proper documentation (usually a citation) ideas from another source (unless such information is recognized as common knowledge);
3. Borrowing facts, statistics, graphs, pictorial representations, or phrases without acknowledging the source (unless such information is recognized as common knowledge);
4. Collaborating on a graded assignment without the instructor's approval;
5. Submitting work, either in whole or in part, created by a professional service and used without attribution (e.g., paper, speech, bibliography, or photograph).

Students who may be unsure of the nature of plagiarism should consult the instructor or a guide for writing research reports. (Additional resources are available at <http://www.lib.utk.edu/instruction/plagiarism>.) Infractions of academic integrity are penalized according to the severity of the infraction but **may include a course grade of "F."**

#### **ASSIGNMENTS AND GRADING**

Student work is assigned a grade based on quality of thought and writing style, thoroughness of research and of references, appropriateness of length, and originality. Only exceptional work will receive an "A" grade. Papers that are received after the due date will be assigned a lower grade than would otherwise be received. All sources must be cited, quotations must be in quotation marks and attributed correctly. Not doing so constitutes plagiarism.