Wright State University

CORE Scholar

Fall 2011

CS 475/675-01: Web Information Systems

Amit P. Sheth
Wright State University - Main Campus, amit@sc.edu

Repository Citation

CS 475/675 01--Fall 2011
Dr. Amit Sheth

Before Class 1:

This is not going to be a traditional lecture based class. For background, read and explore this: Don't Lecture Me . We do not have a text book, instructor will not be writing on the board for students to take notes. Part of the reason is that the (Web) technologies we deal with are constantly changing from year to year, and much of what there is to learn is on the Web. This course is meant for those who are already comfortable with programming in Java and have some exposure to basic web technologies. Also, this course is best taken by seniors and first year graduate students. The course will primarily involve significant project work involving 2-4 students and a mentor, a lots of reading on your own, and class room discussions.

Past presentations and code samples
http://knoesis1.wright.edu/~w002ahr/class_material/

Week 1	In class: Class 1: Introduction to the course, History of the Web Class 2: HTML, CSS (Ajith Ranabahu) Self Study/Background material: Class 1: History of Web (*also worth a read: Weaving the Web by Tim Berners Lee, Chapter 1 is online*) [Self Reading] Introduction to Basic Web Architecture Class 2: The evolution of the Web Introduction to HTML (follow the first 10 chapters in the W3C schools HTML Tutorial) Introduction to CSS (follow the first 5 chapters in the W3C schools CSS tutorial) Extra : Introduction to HTML, Advanced HTML, CSS, Forms, and Browser in the Berkley Web information course

Week 2	In Class:

	Class 3: XML Class 4: PHP Self Study/Background material: XML, XSL, XPATH and XQUERY tutorials at W3Schools.com Advanced reviews available at courses at Stanford and UNSW (it might be worth trying assignments, you can also find online books at the UNSW page)

Week 3	In Class: Class 5: Presentation from the Web team (Gary Smith and Michael Cooney) Class 6: Presentation from MobiCloud team (Ajith Ranabahu) These presentations focus on the Web information aspects of the respective projects

Week 4	In Class: Class 7: Presentation from semantic Sensor Web team (Cory Henson) Class 8: Presentation from Blooms team (Prateek Jain) These presentations focus on the Web information aspects of these projects

Week 5	In Class: Class 9: Presentation from Twitris team (presenter undecided) Class 10: Mid term (?)

Week 6	In Class: Class 11: Class 12:

Week 7	In Class: Class 13: Class 14:

Week 8	In Class: Class 15: Project work and discussions Class 16: Project work and discussions

Week 9	In Class: Class 17: Project work and discussions Class 18:Project work and discussions

Week 10	In Class: Exam : Project presentations and reports due