COMP 484/L. Web Engineering I and Lab

Course Information:
- Instructor: Tania Babakhanlou (tania.babakhanlou@csun.edu)
- Lecture: JD1538 – Mo/We 4:30pm-5:20pm
- Lab: JD1538 – Mo/We 5:30pm-6:45pm
- Office Hours: JD1538 (or office#3338) – Mo/We 6:45pm-7:15pm
- Final exam: JD1600 – Dec 17, 2018 5:30pm-7:30pm

Course Objectives:
- COMP 484/L consists of 2 lecture units and 1 lab unit.
- Study of Internet infrastructure and the underlying networking technologies, system and software architectures for web applications, principles of website design, advances in web-engineering technologies (xml, json...). Web service technology.

Course Prerequisites:
- COMP 322/L or COMP 380/L, or CIT 360 and IS 451; Attempted Upper Division Writing Proficiency Exam. Co-requisite: COMP 484L.

Textbook and References:
- Internet and World Wide Web How to Program (5th Edition), Deitel & Associates, Pearson
- Optional: Computer Networks (5th Edition), S. Tanenbaum and David J. Wetherall, Pearson

Grading:
- Students will receive the same grade for 484 and 484/L
- Grade Breakdown
    - 50%: Quiz/ In-class projects /Assignments
    - 20%: Midterm Exam
    - 25%: Final Exam
    - 5%: Active Class Participation/ Attendance/ Professionalism

Grade Calculation:

Letter Grade	Percentage	C+	77%-79%
A+ (graded A)	95%-100%	C	73%-76%
A	93%-94%	C-	70%-72%
A-	90%-92%	D+	67%-69%
B+	87%-89%	D	63%-66%
B	83%-86%	D-	60%-62%
B-	80%-82%	F	0%-59%

Course Outline (Tentative):

Week	Topic
1	Syllabus, Introduction, Networks, Internet history

2	Network protocol stack
3	HTML
4	HTML, CSS
5	CSS, Javascript
6	Javascript
7	Javascript
8	Javascript
9	Midterm, DOM
10	Web Services (JSON, SOAP, REST, XML, AJAX)
11	Web Servers
12	Relational Databases and MySQL
13	PHP
14	PHP
15	PHP/ Review
16	Finals

Disability Accommodations:
- If you have a disability and need accommodations, please register with the Disability Resources and Educational Services (DRES) office or the National Center on Deafness (NCOD). If you would like to discuss your need for accommodation with me, please contact me to set up an appointment, you are encouraged to do so.

Academic Honesty Policy:
- CSUN Academic Dishonesty policy, found in the University Catalog is followed for this course (http://catalog.csun.edu/policies/academic-dishonesty/).
- Unless specified otherwise, lab assignments/homework/exams are intended for individuals and should reflect only the individual's effort and contribution. Discussion of the lab assignments is allowed, but not sharing the answers.
- Group or individual assignments/projects, as well as exam and quiz questions are not to be shared with other groups or individuals from your class or otherwise, even partially and even after the deadline.
- Violations will result in a lowering in the grade (for all involved) or an F, and will have disciplinary consequences. Plagiarism and cheating incidents will be reported to the department.
- All of the graded material is subject to plagiarism detection evaluations.

Class Attendance and Ethics:
- Computer and electronic device usage during class hours should be limited to the course related activities.
- http://catalog.csun.edu/policies/attendance-class-attendance/
- Students are responsible for missing any lab assignment/homework/exam/quiz points as a result of missing class (exception: Missed Classes While Representing the University in Official Curriculum-Related, University-Approved Activities)

Please contact me if you have any questions.