CSE 264 – Web Systems Programming, Spring 2018

Section 010 1:10 pm - 2:25 pm TR Packard Lab 466

Instructor:
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Packard Lab 252
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Office Hours:
M 2-3pm
T 2:45-3:45pm
F 1-2pm
Other times by prior arrangement.

Prerequisites:
CSE 17

Textbook:
There is no official text for the course. Our main reference will be the website: www.w3schools.com

Course Material:
Programming Assignments will be posted on CourseSite. (http://coursesite.lehigh.edu)

Tentative Topics Covered (not necessarily in the order below):

1. Networking and Protocols
    1. Overview of the Internet Protocol Suite - TCP/IP
    2. UR(L | N | I)
    3. DNS
    4. HTTP
2. Graphic Design:
    1. Basic Design Principles
    2. Color Theory
    3. Typography
3. Client Side Technologies
    1. HTML (5)
    2. CSS (3)
    3. JavaScript
    4. DOM
    5. AJAX
    6. XML and JSON
4. Frameworks and Templates
    1. Twitter Bootstrap
    2. JQuery
5. Server Side Technologies
    1. HTTP Server
    2. Database
    3. Ajax
    4. Nodejs
6. Other Topics
    1. Web Services
    2. Mobile and Stand Alone GUI Clients

Quizzes

You will be given quizzes throughout the semester which you will take on Coursesite. You may use any published materials to answer the questions on the quizzes but you may not consult with any other person either through spoken or written communication.

Attendance, Participation:
> You are responsible for the material covered in class, including elaboration and modification of assignments. You are responsible for this material whether or not you were in class on the day it was presented. If you are not in class on a particular day, it is your responsibility to get any necessary information from another member of the class. It is not my responsibility to summarize the class for you when you are absent.

Professionalism, and Academic Conduct:
> For information on academic integrity and community standards at Lehigh see:
> http://www.lehigh.edu/lts/official/Academic_Integrity_Vignettes.pdf

> Here is the way these standards will be applied in this class:

> You may **discuss** programming assignments with other members of the class, but please note that **THE FOLLOWING ARE STRICTLY PROHIBITED**:

* Showing your code to another member of the class or leaving your code in a location where it can easily be accessed by someone else.
* Reading another student's code whether or not they have given you permission.
* Using any code in your program that you did not write yourself (including code obtained on the Internet)

Violations of any of these rules will be referred to the discipline committee.

Tests:

Any exams for this class (including the final) will be given only once, at the time announced in class. No one may take any exam either before or after the rest of the class takes it at the announced time. There are no exceptions to this rule. If there are midterms scheduled for this class, then the dates will be announced at the beginning of the semester. It is your responsibility to be in class on that date. Likewise, it is your responsibility to be present for the final exam at it's scheduled time.

Assignments:

Under no circumstances may an assignment be submitted by emailing it to the instructor, TA or grader. Such emails will be ignored. All assignments must be uploaded to Coursesite. NO exceptions.

Email Policies:
○ When you send me an email, please tell me what course you are writing about, preferably in the subject. I teach three courses per semester and typically have several hundred students. If I have to look your name up to find out which "Assignment 3" you are referring to it will greatly delay my response.
○ Please do not email me your programming assignment and ask me to debug it for you. It is primarily your responsibility to debug your own work. If you need more hands-on help, come to office hours.
○ When sending me an email, make your questions short and to the point. The speed of my response is usually proportional to the brevity of the question. Also, please do not ask open ended questions in emails like: "Can you explain to me...". This sort of question needs to be asked in office hours.

Class Policies:
○ All cell phones should be silenced before class starts.
○ You may bring food and/or drink to class and eat if you need to as long as you do not disturb your neighbors.
○ No audio or video recording devices may be used in class. You are encouraged to take notes either by writing in a notebook or typing into your laptop.
○ Laptops may be brought into the classroom for the purpose of taking notes. Reading email, playing games, and other activities unrelated to class are strictly prohibited.

Grading Components:

Component	% of Grade
Final Exam	20
Final Project	20
Programming Assn.	50
Quizzes	10

Grade Interpretation:

Final Average %	Letter Grade	Interpretation
93-100	A	Excellent
90-92	A-	
88-89	B+	Good
83-87	B	
80-82	B-	
78-79	C+	Competent
73-77	C	
70-72	C-	Continuation competency
68-69	D+	Passing
63-67	D	
60-62	D-	
0-59	F	Failure

Accommodations for Students with Disabilities:

If you have a disability for which you are or may be requesting accommodations, please contact both your instructor and the Office of Academic Support Services, Williams Hall, Suite 301 (610-758-4152) as early as possible in the semester. You must have documentation from the Academic Support Services office before accommodations can be granted.

The Principles of Our Equitable Community:

Lehigh University endorses The Principles of Our Equitable Community [http://www.lehigh.edu/~inprv/initiatives/PrinciplesEquity_Sheet_v2_032212.pdf]. We expect each member of this class to acknowledge and practice these Principles. Respect for each other and for differing viewpoints is a vital component of the learning environment inside and outside the classroom.