COSC 4381/CSCI 5332 WEB PROGRAMMING, Summer 2020

Mo/Tu/We/Th/Fr 12:40PM - 2:20PM

on Zoom https://uttyler.zoom.us/j/94469228379

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Office Hours: Tu/Th 11:00AM-12:30 PM or by appointment

General Course Information

Required Device	*Programmable Computer* (*Windows, Mac OS, or Linux OS*)
Required Services	*Domain & Web Hosting Services* (*pythonanywhere.com*)
Required Text	No textbook required
Suggested Materials	1. HTML+CSS+JavaScript+Bootstrap+Python Tutorials *https://www.w3schools.com/* 2. R.W. Sebesta, *Programming the World Wide Web*, 8th Edition, Addison Wesley, 2014. ISBN-13: 978-0133775983, ISBN-10: 0133775984. 3. Jon Duckett, *Beginning Web Programming with HTML, XHTML, and CSS*, 2nd edition, Wrox. ISBN: 978-0-470-25931-3 4. Paul Wilton and Jeremy McPeak, *Beginning JavaScript*, 4th Edition, Wrox. ISBN 978-0-470-52593-7 All materials as provided in class Canvas page.
Prerequisites	None
Course Description	This course covers the basics of web application development, including architecture,standards, frameworks, tools, and technologies. The course focuses on the tools required for web programming with HTML, CSS, and JavaScript. The students will be learning dynamic web design using XML/JSON, database technologies, and server-side programming using Python. Through hands-on projects, students will learn to write and use APIs, create interactive UIs, and build up dynamic websites.
Tentative Course Schedule	(see table below)

Week	Dates	Lecture Topics
1	6/1-5	Web basics, HTML5+CSS3
2	6/8-12	JavaScript, Ajax, XML/ JSON
3	6/15-19	REST, Front End, Database
4	6/22-26	Python
5	6/29-30	Project Demonstrations

*Note that the schedule is subject to change as the course progresses.

Grading Policy

Weighting Scheme	Quiz - 15%, Projects - 80%, Project Demo - 5%.	90.0 - 100% 80.0 - 89.99% 70.0 - 79.99% 60.0 - 69.99% Below 60%	A B C D F

Course Policies

■ Assignments should be turned in no later than the deadline. Turn in what is completed by the deadline for partial credit. **No late submissions will be accepted**.

■ You are expected to do your own work. You may assist each other with general concepts, but direct assistance with a particular assignment or any attempts to gain an unfair academic advantage will not be tolerated. **Any indication of cheating and/or plagiarism on an exam/assignment/project will be an automatic 0 (zero) for the exam/assignment/project for all students involved. Solutions copied from the internet, instructor's manual, etc. will also be given zero credit.** If you have questions about the line between assistance and cheating, discuss it with the instructor. For examples of Scholastic Dishonesty, please visit Section 8-802 of the Manual of Policy and Procedures.

Helpful Comments

This class is very interesting and useful. However, a lot of material and new concepts will be covered. To get full benefit out of the class you have to work regularly. Attend the classes regularly and start working on the assignments soon after they are handed out. Plan to spend at least 10 hours a week on this class doing assignments or reading.

This syllabus is subject to change at any time at the discretion of the Professor.