Texas Christian University
CITE 30363 – Web Technologies
Spring 2017

Professor: Dr. Donnell Payne

Office: 339 TUC   (CoSc office – 207 TUC)
Office hours: TTh 11-12, 3:30-4:30 & by appointment
Office phone: 257-7166 (CoSc Office)   (x6407)

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Class time: TTh 9:30-10:50
Lab time: Open lab (TUC 331)

Text: There is no single textbook that covers all topics to be discussed in this class in sufficient depth. There are many books on each of the topics and many resources available on the web. Several references are given below.

Programming the World Wide Web, 8th ed., Robert W. Sebesta, Pearson/Addison Wesley, 2015
PPT download – http://www.pearsonhighered.com/sebesta
Mastering Django: Core, The Complete Guide to Django 1.8 LTS, Nigel George, GNW Independent Publishing, 2016

Additional References: http://www.w3schools.com – a beginning web reference site with tutorials
http://www.python.org & http://docs.python.org/tut/
http://php.net
http://www.djangoproject.com

Prerequisites: CITE 30153 and CoSc 30603 are prerequisites.

Objectives: Upon completing this course the student should:
- Have working knowledge of client-side technologies such as HTML, CSS, and JavaScript.
- Be able to construct, and access databases using management systems such as SQLite, MySQL, and PostgreSQL in web applications.
- Be able to write intermediate level applications in the Python 3 scripting language.
- Be able to build dynamic database-driven web applications with PHP or the Django web framework.
- Be able to discuss the structure and use of JSON and XML in web apps.
- Be able to research and present an emerging web technology.

Course grade:

Quizzes	25%	A	90-100
Presentations	10%	B	80-89
Labs & Web Projects	40%	C	70-79
Final Exam	25%	D	60-69
	100%	F	below 60

Attendance: You will be held responsible for all material presented in class. If you choose to miss class, you should be aware that this could adversely affect your performance on tests and assignments. It is your responsibility to obtain all materials missed and to make up all lectures, discussions, etc. without the aid of the instructor. Quizzes and exams will not be made up unless the instructor is notified in advance and the absence is excused.

Lab Policy: Assignments will be made throughout the semester. The assignments (labs, homework, etc.) will have varying requirements and submission procedures. The procedure for submitting an assignment and policy for accepting a late assignment will be addressed as each is assigned. Please note -- there may be several assignments that will NOT be accepted late!

Academic Dishonesty:

The Computer Science Department takes academic dishonesty quite seriously. Academic misconduct will not be tolerated. Such acts are detailed in the current *TCU Bulletin* and include: copying, using, or in any way misrepresenting another's work as your own; substituting for another or having someone substitute for you; plagiarism; collusion; abusing resource materials; unauthorized use of computer software or hardware; fabrication and falsification; complicity in misconduct. Such conduct at a minimum results in a zero on the test or assignment, and may result in a failing grade for the course.

Disabilities Statement:

Texas Christian University complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 regarding students with disabilities. Eligible students seeking accommodations should contact the Coordinator of Student Disabilities Services in the Center for Academic Services located in Sadler Hall, 1010. Accommodations are not retroactive, therefore, students should contact the Coordinator as soon as possible in the term for which they are seeking accommodations. Further information can be obtained from the Center for Academic Services, TCU Box 297710, Fort Worth, TX 76129, or at (817) 257-6567.

Adequate time must be allowed to arrange accommodations and accommodations are not retroactive; therefore, students should contact the Coordinator as soon as possible in the academic term for which they are seeking accommodations. *Each eligible student is responsible for presenting relevant, verifiable, professional documentation and/or assessment reports to the Coordinator.* Guidelines for documentation may be found at http://www.acs.tcu.edu/disability_documentation.asp.

Students with emergency medical information or needing special arrangements in case a building must be evacuated should discuss this information with their instructor/professor as soon as possible.

Disclaimer: The policies, schedules, etc. are subject to change at the instructor's discretion.