WAYLAND BAPTIST UNIVERSITY
Virtual CAMPUS
SCHOOL OF MATHEMATICS & SCIENCES

Wayland Mission Statement: Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success and service to God and humankind.

Course Title and Number: CSCI3300 – VC01, Web Programming

Term: Fall-1 2020

Name of Instructor: Dr. Meng-Hung Wu

Office Phone Number and WBU Email Address: menghung.wu@wayland.wbu.edu

Office Hours, Building, and Location: Online office hours by appointment (E-Mail)

Catalog Description: Web design languages (e.g., HTML5, CSS, XHTML). Client-side and server-side scripting models and frameworks, with examples. At least one Web programming language (e.g., JavaScript) will be covered in detail and practiced, and at least one database interaction approach will be practiced if time allows. Primary emphasis is on web programming for dynamic content.

Prerequisites:

Required Textbook:

>Sebesta, Programming the World Wide Web (8th Edition)
>ISBN-13: 9780133775983
>Pearson 2015

Required Supplies: textbook, computer

Course Outline/Outcome Competencies:
1. Have a comprehensive knowledge of the semantics and syntax of HTML/XHTML and JavaScript.
2. Create static web content with HTML/XHTML.
3. Use some of the JavaScript capabilities to add interactivity and functionality to web pages.
4. Use PHP to create dynamic web sites, which are customizable and contain real-time information.
5. Use some simple web-oriented database techniques with MySQL.
6. Create web-based client-server, simple three-tiers applications.

Statement on Plagiarism and Academic Dishonesty: Wayland Baptist University observes a zero tolerance policy regarding academic dishonesty. Per university policy as described in the academic catalog, all cases of academic dishonesty will be reported and second offenses will result in suspension from the university.

Disability Statement: In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with

a disability be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university. The Coordinator of Counseling Services serves as the coordinator of students with a disability and should be contacted concerning accommodation requests at (806) 291-3765. Documentation of a disability must accompany any request for accommodations.

Course Requirements and Grading Criteria:

Grading:

25%   **Assignments/Quizzes**
75%   **Projects**

A: 90 – 100
B: 80 – 89
C: 70 – 79
D: 60 – 69
F: Below 60

Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Executive Vice President/Provost to the Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.

Tentative Schedule:

Week	Chapter	Assignments/Lab
Week 1	**Chapter 1: Fundamentals**	**Project 1**
Week 2	**Chapter 2: Introduction to HTML/XHTML**	**Project 2/Quiz 1 (Ch 1)**
Week 3	**Chapter 3: Cascading Style Sheets**	**Project 3/Quiz 2 (Ch 2)**
Week 4	**Chapter 4: The Basics of JavaScript**	**Project 4/Quiz 3 (Ch 3)**
Week 5	**Chapter 5: JavaScript and HTML Documents**	**Project 5/Quiz 4 (Ch 4)**
Week 6	**Chapter 6: Dynamic Documents with JavaScript**	**Project 6**
Week 7	**Chapter 7: Introduction to XML Chapter 9: Introduction to PHP**	**Project 7,8**
Week 8	**Chapter 13: Database Access through the Web Wrap Up Class Session**	**Project 9, 10**

Academic Honesty: Disciplinary action for academic misconduct is the responsibility of the faculty member assigned to this course. The faculty member is charged with assessing the

gravity of any case of academic dishonesty, and with giving sanctions to any student involved.

This syllabus is only a plan. The teacher may modify the plan during the course. The requirements and grading criteria may be changed during the course if necessary.