WAYLAND BAPTIST UNIVERSITY
WBUONLINE
SCHOOL OF MATHEMATICS AND 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:
CSCI 3300-PL01 Web Programming

Term:
FALL1 – 2022

Name of Instructor:
Dr. Scott R. Franklin, Professor of Mathematics and Computer Science

Office Phone Number and WBU Email Address:
806-291-1130; franklins@wbu.edu; Cell/Text: 806-252-3855

Office Hours, Building, and Location:
TBD

Class Meeting Time and Location:
Online, Asynchronous

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.
Prerequisite(s): MISM 3307, or any CSCI class, or department approval

Required Textbook and Resources:
Web Programming. ISBN: 978-1-394-13874-6, Publish: ZyBooks, Key Contributor: Frank McCown
(Provided in Blackboard through Inclusive Access / VitalSource)

Course 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

Attendance Requirements:
Students are expected to participate in all required instructional activities in their courses. In this course, your weekly assignments will be the measure of attendance. Any week in which a student does not complete any work, the student will be considered "absent." Any student absent 25% or more (i.e., non-participatory during 3 or more weeks of the term) will receive an F for the course.

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:
> **Reading (Participation Activities)**: Each week, there will be a chapter of material to read and complete in your textbook (e.g., ZyBook). The participation activities in each chapter that must be completed in order to receive credit. Assignments will be completed on the ZyBooks website which will be accessible through Blackboard.
> **Homework (Challenge Activities):** In this textbook, the homework assignments that must be completed are called the Challenge Activities. These are also complete on Zybooks website accessible through Blackboard
> **Labs (zyLabs):** In this course, there are a series of hands-on web programming labs almost every week that must be completed for this portion of your grade. Most of these labs are completed on the Zybooks website accessible through Blackboard. During weeks 6 and 7 of the course will have PHP labs related which will be deployed on a free web hosting site. These additional labs will be available and submitted directly through Blackboard.
> **Weekly Quizzes:** At the end of each week of the course, you will be required to complete an online quiz covering the assignments from that week. The quizzes will be completed in Blackboard. You will have three attempts on each quiz. They are time limited but open book and open note.
> **Exams:** During the course, there will be two major exams: a Midterm and a Final. Each test will cover approximately half the course. Both tests are to be taken in person at one of the external campuses, a testing center, or through an online proctoring system. They must be proctored by an approved representative of the University.

Grade Calculation:
> 10%   Reading (PA)
> 20%   Homework (CA)
> 20%   Labs (zyLabs and BB Labs)
> 20%   Weekly Quizzes
> 30%   Exams (2 at 15% each)

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	Dates	Material	Assignments	Labs	Quiz
1	8/8 - 8/14	0. Getting Set Up			Week 1 Quiz (Ch 1)
		1. Intro to Web Prog	PA		
2	8/15 - 8/21	2. HTML Fundamentals	PA, CA	2.10, 2.11, 2.14	Week 2 Quiz (Ch 2-3)
		3. More HTML	PA, CA	3.10, 2.11, 3.12	
3	8/22 - 8/28	4. CSS Fundamentals	PA, CA	4.8, 4.9	Week 3 Quiz (Ch 4-5)
		5. More CSS	PA, CA	5.9, 5.10	
4	8/29 - 9/4	6. JavaScript Fund.	PA, CA	6.15, 6.17	Week 4 Quiz (Ch 6)
5	9/5 - 9/11	7. JS in the Browser	PA, CA	7.14	Week 5 Quiz (Ch 7)
		Midterm (Ch 0 - 6)			
6	9/12 - 9/17	12. PHP Fundamentals	PA, CA	PHP Lab 1 (BB)	Week 6 Quiz (Ch 12)
7	9/19 - 9/25	13. More PHP	PA, CA	PHP Lab 2 (BB)	Week 7 Quiz (Ch 13)
8	9/26 - 10/1	Final (Ch 6-7, 12-13)			

Opt. Content   8. More JavaScript
                          9. jQuery
                          11. Node.js
                          14. Relational DB &SQL

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.

Important Dates:
Last day to drop without record ....August 15
Last day to withdraw with "W"............................September 9
Last day to withdraw with a "WP/WF"................September 23
Last day of session ....October 1

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.