Course Syllabus

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Course Description

With a basic foundation in both client side web design and databases, students will move to server side web development. Using server side technologies such as PHP and MySQL student will build and plan dynamic web sites.

Contact Information

Email: gtuck@weber.edu
Phone: 801-626-7958
Office: EH 371
Office Hours: Monday, Wednesday & Friday 10:30 AM-12:30 PM or by appointment

Course Outcomes

At the conclusion of the this course students will be able to create or have an understanding of the following:

- HTML Documents
- CSS Documents
- PHP Scripts
- PHP Syntax
- PHP Variables
- PHP Functions
- PHP Forms
- Common Programming Techniques
- Concepts of SQL and the MySQL RDBMS
- Connections to MySQL from PHP
- Manipulate Information in a Database using PHP
- How to Structure a Dynamic Web Application
- Control Information and Program Flow

Textbook

Learning PHP, MySQL & JavaScript, 4th Edition
By: Robin Nixon
Publisher: O'Reilly Media, Inc.
Pub. Date: December 11, 2014
Print ISBN-13: 978-1-4919-1866-1
Safari Books Online ⬈ **(http://proquest.safaribooksonline.com/book/web-development/9781491918654)**

Tools

PHP & MySQL PAAS - Cloud9 (**https://www.c9.io/** ⬈ **(https://www.c9.io/)**), Code Editor (Cloud9 IDE, or an editor of your choice)

Final Project

The final project will be 30% of your grade and is worth 300pts. It will encompass components from all of the assignments. More information about the project is forthcoming.

Grade Scheme

100 - 95 A	76 - 73 C
94 - 90 A-	72 - 70 C-
89 - 87 B+	69 - 67 D+
86 - 83 B	66 - 63 D
82 - 80 B-	62 - 60 D-
79 - 77 C+	59 - 0 E

Extra Credit

Please don't ask for extra credit.

Late Work

You will be able to submit one assignment as late for full credit and after that all late assignments will be given half credit.

Time Commitment

As a general rule you should spend at least twice as much time outside of class as in class.

Tips for Success

One cannot learn all of the material by just reading the text. Practice is critical when learning new software and programming languages. Successful students read the upcoming material ahead of time. They participate actively in class. If you are struggling with any concept please come see me during my office hours. The number one thing you can do is ask questions when you don't understand something.

Technical Support

For assistance with Canvas or related technical issues, please call 626-6499. This phone is staffed Mon-Thurs from 8am - 5pm and Fridays from 8 - 4:30pm. A message can be left during non-business hours for a return call. Alternatively, students can send an email message to wsuonline@weber.edu

If you are having technical issues related to usernames/passwords, please call the Service Desk at 626-7777, or email csupport@weber.edu.

Accommodations for students with disabilities

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary.

For more information about the SSD contact them at 801-626-6413, ssd@weber.edu, or departments.weber.edu/ssd

Ethical Conduct

Any form of academic dishonesty (cheating, plagiarism, etc.) will not be tolerated. Proof of academic dishonesty will result in a failing grade (E) for the course. The following is an explanation of cheating as stated in the student code.

A. Cheating, which includes but is not limited to:
   i. Copying from another student's test;
   ii. Using materials during a test not authorized by the person giving the test;

iii. Collaborating with any other person during a test without authorization;

iv. Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official

v. Bribing any other person to obtain any test;

vi. Soliciting or receiving unauthorized information about any test;

vii. Substituting for another student or permitting any other person to substitute for oneself to take a test.

B. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;

C. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;

D. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;

E. Giving, selling, or receiving unauthorized course or test information;

F. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;

G. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

Assignments Summary:

Date	Details	
Sun Jan 22, 2017	**Assignment 01 - HTML & CSS** (https://weber.instructure.com/courses/422717/assignments/3102076)	due by 11:59pm
Sun Jan 29, 2017	**Assignment 02 - PHP: Expressions & Operators** (https://weber.instructure.com/courses/422717/assignments/3102077)	due by 11:59pm
Sun Feb 5, 2017	**Assignment 03 - PHP: Conditionals & Loops** (https://weber.instructure.com/courses/422717/assignments/3102078)	due by 11:59pm
Sun Feb 19, 2017	**Assignment 04 - PHP: Includes & Functions** (https://weber.instructure.com/courses/422717/assignments/3102079)	due by 11:59pm
Wed Feb 22, 2017	**SkillCheck 01 - PHP: Syntax** (https://weber.instructure.com/courses/422717/assignments/3102074)	due by 11:59pm
Fri Mar 3, 2017	**Assignment 05 - PHP: Forms** (https://weber.instructure.com/courses/422717/assignments/3102080)	due by 11:59pm
Mon Mar 6, 2017	**Spring Break (https://weber.instructure.com/calendar? event_id=771218&include_contexts=course_422717)**	12am to Mar 11 at 12am
Sun Mar 19, 2017	**Assignment 06 - SQL: Introduction to DDL** (https://weber.instructure.com/courses/422717/assignments/3102081)	due by 10:59pm
	Assignment 07 - SQL: Introduction to DML (https://weber.instructure.com/courses/422717/assignments/3102082)	due by 11:59pm
Wed Mar 29, 2017	**SkillCheck 02 - PHP & MySQL** (https://weber.instructure.com/courses/422717/assignments/3102075)	due by 11:59pm

Sun Apr 2, 2017	**Assignment 08 - PHP & MySQL** (https://weber.instructure.com/courses/422717/assignments/3102083)	due by 11:59pm
Mon Apr 24, 2017	**End of Course Evaluation - Extra Credit** (https://weber.instructure.com/courses/422717/assignments/3102084)	due by 11:59pm
	Final Project (https://weber.instructure.com/courses/422717/assignments/3102085)	due by 11:59pm