

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-Friday 9:30 AM-10:30 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](#) [_\(http://proquest.safaribooksonline.com/book/web-development/9781491918654\)_](http://proquest.safaribooksonline.com/book/web-development/9781491918654)

Tools

- [Cloud9](https://c9.io) [_\(https://c9.io\)_](https://c9.io) Cloud Based IDE & PHP/MySQL Server (Free Account)
- [Codeanywhere](https://codeanywhere.com) [_\(https://codeanywhere.com\)_](https://codeanywhere.com) Cloud Based IDE & PHP/MySQL Server (Free Account)
- [ATOM](https://atom.io) [_\(https://atom.io\)_](https://atom.io) (text editor)
- [Brackets](http://brackets.io) [_\(http://brackets.io\)_](http://brackets.io) (text editor)

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):

Ogden Campus - 801-626-6413
Student Services Center, Room 181

Davis Campus - 801-395-3442
Building D2, Room 256

SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary. You can visit <http://www.weber.edu/ssd> [\(http://www.weber.edu/ssd\)](http://www.weber.edu/ssd) for more details.











Ethical Conduct

School of Computing policy dictates that any verifiable evidence of student academic cheating, as defined and determined by the instructor, will result in: 1) an automatic failing grade for the class and 2) a report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct.






Course Fee Statement

Course fees are designed to cover the costs of lab equipment maintenance and replacement including desktop and server computer systems and software; consumable materials and supplies; and support for lab aides, student tutors, and online instructional resources.

Course Summary:

Date	Details	
Mon Aug 28, 2017	 Week 01 (https://weber.instructure.com/calendar?event_id=850364&include_contexts=course_443789)	12am to Sep 4 at 12am
Sun Sep 3, 2017	 Assignment 01 - HTML & CSS (https://weber.instructure.com/courses/443789/assignments/3561582)	due by 11:59pm
Mon Sep 4, 2017	 Week 02 (https://weber.instructure.com/calendar?event_id=850366&include_contexts=course_443789)	12am to Sep 11 at 12am
	 Labor Day - No Class (https://weber.instructure.com/calendar?event_id=850367&include_contexts=course_443789)	12am
Sun Sep 10, 2017	 Assignment 02 - PHP: Expressions & Operators (https://weber.instructure.com/courses/443789/assignments/3561583)	due by 11:59pm
Mon Sep 11, 2017	 Week 03 (https://weber.instructure.com/calendar?event_id=850362&include_contexts=course_443789)	12am to Sep 18 at 12am
Mon Sep 18, 2017	 Week 04 (https://weber.instructure.com/calendar?event_id=850361&include_contexts=course_443789)	12am to Sep 25 at 12am
Sun Sep 24, 2017	 Assignment 03 - PHP: Conditionals & Loops (https://weber.instructure.com/courses/443789/assignments/3561584)	due by 11:59pm
Mon Sep 25, 2017	 Week 05 (https://weber.instructure.com/calendar?event_id=850360&include_contexts=course_443789)	12am to Oct 2 at 12am
Sun Oct 1, 2017	 Assignment 04 - PHP: Includes & Functions (https://weber.instructure.com/courses/443789/assignments/3561585)	due by 11:59pm

Mon Oct 2, 2017	 Week 06 (https://weber.instructure.com/calendar?event_id=850359&include_contexts=course_443789)	12am to Oct 9 at 12am
Mon Oct 9, 2017	 Week 07 (https://weber.instructure.com/calendar?event_id=850358&include_contexts=course_443789)	12am to Oct 16 at 12am
Wed Oct 11, 2017	 SkillCheck 01 - PHP: Syntax (https://weber.instructure.com/courses/443789/assignments/3561581)	due by 11:59pm
Sun Oct 15, 2017	 Assignment 05 - PHP: Forms (https://weber.instructure.com/courses/443789/assignments/3561586)	due by 11:59pm
Mon Oct 16, 2017	 Week 08 (https://weber.instructure.com/calendar?event_id=850357&include_contexts=course_443789)	12am to Oct 23 at 12am
Fri Oct 20, 2017	 Fall Break - No Class (https://weber.instructure.com/calendar?event_id=850368&include_contexts=course_443789)	12am
Mon Oct 23, 2017	 Week 09 (https://weber.instructure.com/calendar?event_id=850356&include_contexts=course_443789)	12am to Oct 30 at 12am
Sun Oct 29, 2017	 Assignment 06 - SQL: Introduction to DDL (https://weber.instructure.com/courses/443789/assignments/3561587)	due by 10:59pm
Mon Oct 30, 2017	 Week 10 (https://weber.instructure.com/calendar?event_id=850355&include_contexts=course_443789)	12am to Nov 5 at 11pm
Mon Nov 6, 2017	 Week 11 (https://weber.instructure.com/calendar?event_id=850354&include_contexts=course_443789)	12am to Nov 13 at 1am
Sun Nov 12, 2017	 Assignment 07 - SQL: Introduction to DML (https://weber.instructure.com/courses/443789/assignments/3561588)	due by 11:59pm
Mon Nov 13, 2017	 Week 12 (https://weber.instructure.com/calendar?event_id=850353&include_contexts=course_443789)	12am to Nov 20 at 12am
Mon Nov 20, 2017	 Week 13 (https://weber.instructure.com/calendar?event_id=850352&include_contexts=course_443789)	12am to Nov 27 at 12am
Fri Nov 24, 2017	 Thanksgiving Break - No Class (https://weber.instructure.com/calendar?event_id=850369&include_contexts=course_443789)	12am
Sun Nov 26, 2017	 Assignment 08 - PHP & MySQL (https://weber.instructure.com/courses/443789/assignments/3561589)	due by 11:59pm
Mon Nov 27, 2017	 Week 14 (https://weber.instructure.com/calendar?event_id=850351&include_contexts=course_443789)	12am to Dec 4 at 12am
	 SkillCheck 02 - PHP & MySQL (https://weber.instructure.com/courses/443789/assignments/3561580)	due by 11:59pm

Wed Nov 29, 2017	 Begin Final Project (https://weber.instructure.com/calendar?event_id=850347&include_contexts=course_443789)	12am
Mon Dec 4, 2017	 Week 15 (https://weber.instructure.com/calendar?event_id=850350&include_contexts=course_443789)	12am to Dec 11 at 12am
	 Week 16 (https://weber.instructure.com/calendar?event_id=850349&include_contexts=course_443789)	12am to Dec 16 at 12am
Mon Dec 11, 2017	 End of Course Evaluation - Extra Credit (https://weber.instructure.com/courses/443789/assignments/3561590)	due by 11:59pm
	 Final Project (https://weber.instructure.com/courses/443789/assignments/3561591)	due by 11:59pm