

# Course Syllabus

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## WEB 3400 - Advanced Web Frameworks

### Instructor's Information

- **Name:** Garth Tuck
- **Department:** School of Computing - WEB/UX
- **Office Location:** Elizabeth Hall 371
- **Office Hours:** Mon, Wed, Fri - 9:30 AM–10:30 AM & 12:30 PM-1:30 PM
- **Office Phone:** 801-626-7958
- **E-mail:** [gtuck@weber.edu](mailto:gtuck@weber.edu) (<mailto:gtuck@weber.edu>)

### Communication (outside of class):

If you have any questions about the course or need assistance, please contact me in person or by telephone during office hours; or via WSU Online at any time: or E-mail.

### Course Website

Supplementary information for the course is available on WSU Online. The Web site contains class notes, PowerPoint slides, class announcements, the course syllabus, exams, quizzes and other information for the course.

### Meeting place & times

- **Classroom location:** EH 313
- **Meeting Times:** M,W,F 11:30 AM–12:20 PM

### Textbook (optional)

#### **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

### Course Description

With a foundation in client-side web design, development, and databases, students will explore server-side web frameworks and content management systems. Using these server-side technologies student will plan, design, and build dynamic web applications and websites. Students will also gain a better understanding of HTML, CSS, web usability, and visual design.

### Learning Outcomes

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

- HTML/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
- Control Information and Program Flow
- Laravel PHP Framework

### Tools

- [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

### Allocated Time

You should anticipate spending two to three hours of study per week for each credit hour of a university course. Computer and programming classes typically require time in the upper range.

## Policies

Exams can only be taken on the days given unless arrangements are made to take them ahead of time.

### Course Honesty policy

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
2. A report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct

Further disciplinary action may be taken by the University as it deems appropriate. You can find more information about academic honesty in the Weber State Policies and Procedures Manual.

[http://www.weber.edu/ppm/Policies/6-22\\_StudentCode.html](http://www.weber.edu/ppm/Policies/6-22_StudentCode.html) ([http://www.weber.edu/ppm/Policies/6-22\\_StudentCode.html](http://www.weber.edu/ppm/Policies/6-22_StudentCode.html))

If you are not sure whether or not you might violate one of these stipulations, check with your instructor prior to submitting any assignments with questionable content. Refrain from the urge to copy and paste content from the web or anywhere else. A poor grade on a single assignment is much better than a failing grade for the course.

### Emergency Closure

In the event of an emergency or campus closure, please check Canvas for more information. You may want to sign up for Weber State's Code Purple if you haven't done so already to be alerted when these types of things happen. (<https://www.weber.edu/codepurple>)

### Course Fee Statement:

Course fees for the Computer Science major 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.
















### 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](mailto:ssd@weber.edu), or

<http://departments.weber.edu/ssd> (<http://departments.weber.edu/ssd>)

## Course Summary:

Date	Details	
Mon Aug 27, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918271&amp;include_contexts=course_467244">Week 01 (https://weber.instructure.com/calendar?event_id=918271&amp;include_contexts=course_467244)</a>	12am to Sep 1 at 12am
Fri Aug 31, 2018	 <a href="https://weber.instructure.com/courses/467244/assignments/3890223">Mission 01 (https://weber.instructure.com/courses/467244/assignments/3890223)</a>	due by 12:20pm
Mon Sep 3, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918250&amp;include_contexts=course_467244">Labor Day - No Class (https://weber.instructure.com/calendar?event_id=918250&amp;include_contexts=course_467244)</a>	12am
Tue Sep 4, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918266&amp;include_contexts=course_467244">Week 02 (https://weber.instructure.com/calendar?event_id=918266&amp;include_contexts=course_467244)</a>	12am to Sep 8 at 12am
Mon Sep 10, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918251&amp;include_contexts=course_467244">Week 03 (https://weber.instructure.com/calendar?event_id=918251&amp;include_contexts=course_467244)</a>	12am to Sep 15 at 12am
Mon Sep 17, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918257&amp;include_contexts=course_467244">Week 04 (https://weber.instructure.com/calendar?event_id=918257&amp;include_contexts=course_467244)</a>	12am to Sep 22 at 12am
Mon Sep 24, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918252&amp;include_contexts=course_467244">Week 05 (https://weber.instructure.com/calendar?event_id=918252&amp;include_contexts=course_467244)</a>	12am to Sep 29 at 12am
Mon Oct 1, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918253&amp;include_contexts=course_467244">Week 06 (https://weber.instructure.com/calendar?event_id=918253&amp;include_contexts=course_467244)</a>	12am to Oct 6 at 12am
Mon Oct 8, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918267&amp;include_contexts=course_467244">Week 07 (https://weber.instructure.com/calendar?event_id=918267&amp;include_contexts=course_467244)</a>	12am to Oct 13 at 12am
Mon Oct 15, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918254&amp;include_contexts=course_467244">Week 08 (https://weber.instructure.com/calendar?event_id=918254&amp;include_contexts=course_467244)</a>	12am to Oct 19 at 12am
Fri Oct 19, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918258&amp;include_contexts=course_467244">Fall Break - No Class (https://weber.instructure.com/calendar?event_id=918258&amp;include_contexts=course_467244)</a>	12am
Mon Oct 22, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918259&amp;include_contexts=course_467244">Week 09 (https://weber.instructure.com/calendar?event_id=918259&amp;include_contexts=course_467244)</a>	12am to Oct 27 at 12am
Mon Oct 29, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918274&amp;include_contexts=course_467244">Week 10 (https://weber.instructure.com/calendar?event_id=918274&amp;include_contexts=course_467244)</a>	12am to Nov 3 at 12am
Mon Nov 5, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918273&amp;include_contexts=course_467244">Week 11 (https://weber.instructure.com/calendar?event_id=918273&amp;include_contexts=course_467244)</a>	12am to Nov 10 at 12am
Mon Nov 12, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918261&amp;include_contexts=course_467244">Week 12 (https://weber.instructure.com/calendar?event_id=918261&amp;include_contexts=course_467244)</a>	12am to Nov 17 at 12am

Mon Nov 19, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918262&amp;include_contexts=course_467244">Week 13 (https://weber.instructure.com/calendar?event_id=918262&amp;include_contexts=course_467244)</a>	12am to Nov 22 at 12am
Thu Nov 22, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918270&amp;include_contexts=course_467244">Thanksgiving Break - No Class (https://weber.instructure.com/calendar?event_id=918270&amp;include_contexts=course_467244)</a>	12am to Nov 24 at 12am
Mon Nov 26, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918263&amp;include_contexts=course_467244">Week 14 (https://weber.instructure.com/calendar?event_id=918263&amp;include_contexts=course_467244)</a>	12am to Dec 1 at 12am
Mon Dec 3, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918264&amp;include_contexts=course_467244">Week 15 (https://weber.instructure.com/calendar?event_id=918264&amp;include_contexts=course_467244)</a>	12am to Dec 8 at 12am
Fri Dec 7, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918269&amp;include_contexts=course_467244">Last Day of Class (https://weber.instructure.com/calendar?event_id=918269&amp;include_contexts=course_467244)</a>	12am
	 <a href="https://weber.instructure.com/courses/467244/assignments/3890221">End of Course Evaluation - Extra Credit (https://weber.instructure.com/courses/467244/assignments/3890221)</a>	due by 11:59pm
Mon Dec 10, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918265&amp;include_contexts=course_467244">Week 16 - Finals Week - No Class (https://weber.instructure.com/calendar?event_id=918265&amp;include_contexts=course_467244)</a>	12am to Dec 14 at 12am
	 <a href="https://weber.instructure.com/courses/467244/assignments/3890222">Final Project (https://weber.instructure.com/courses/467244/assignments/3890222)</a>	due by 11:59pm
Fri Dec 14, 2018	 <a href="https://weber.instructure.com/calendar?event_id=918268&amp;include_contexts=course_467244">Graduation (https://weber.instructure.com/calendar?event_id=918268&amp;include_contexts=course_467244)</a>	12am