Course Syllabus

General Course Information

- Instructor: Don B. Stringham
- Phone: 801-205-3157
- E-mail: donstringham@weber.edu
- Classroom: SLCC BB 320
- Class Times: Tuesday & Thursday 5:30 pm - 7:20 pm

Textbook:

There is **NO** specific text book for this class. I **strongly** suggest you purchase: *Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5* (Learning Php, Mysql, Javascript, Css & Html5) 4th Edition by Robin Nixon (Author)

Course Objectives:

This class is an introduction to server-side Web development using the most current Web server technologies. General Web development principles such as usability, reliability, maintainability and scalability will be applied to current Web development environments. Students will gain real-world experience in creating Websites for multiple Web platforms.

Website:

Supplementary information for the course is available on WSU Online at [https://weber.instructure.com/courses/407728](https://weber.instructure.com/courses/407728). The Web site contains class notes, PowerPoint slides, class announcements, the course syllabus, tests, and other information for the course. Also, you will submit the end-of-chapter case project assignments via WSU Online on the due date.

Communication:

If you have any questions about the course or need assistance, please contact me via email or WSU Online at any time.

Grading and Evaluation Criteria:

- 40% - Homework Assignments
- 55% - Projects
- 5% - Class Participation & Attendance

**NOTE:** No late assignments accepted!

Course Outline:

- Week 01 - Welcome to Class & Overview of Web Architecture and Technologies
- Week 02 - Exploring the Web Developer Workflow
- Weeks 03-06 - HTML5, CSS3 & Javascript
- Weeks 07-08 - Advanced Javascript & jQuery
- Weeks 09-12 - PHP & mySQL
- Weeks 13-15 - Final Project
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.

CS Honesty policy:

CS Department 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.

What constitutes cheating? As per the WSU Student Code in the PPM:

The following activities are specifically prohibited:

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.

CS Academic Cheating Policy:

CS 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.

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
Assignments Summary:

<table>
<thead>
<tr>
<th>Date</th>
<th>Details</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue Aug 30, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712779&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Sep 1, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712778&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td></td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2746505">Assignment 1 - Using The Chrome Developer Tools</a></td>
<td>due by 11:59pm</td>
</tr>
<tr>
<td>Tue Sep 6, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712777&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Sep 8, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712774&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td></td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2746506">Assignment 2 - How Git Works</a></td>
<td>due by 11:59pm</td>
</tr>
<tr>
<td>Tue Sep 13, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712773&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Sep 15, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712751&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td></td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2828670">Assignment 2a - Github</a></td>
<td>due by 11:59pm</td>
</tr>
<tr>
<td>Tue Sep 20, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712772&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Sep 22, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712771&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Tue Sep 27, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712770&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Sep 29, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712769&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td></td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2746507">Assignment 3 - Getting Started with Bootstrap</a></td>
<td>due by 11:59pm</td>
</tr>
<tr>
<td>Tue Oct 4, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712788&amp;include_contexts=course_407728">Class</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
</tbody>
</table>
Thu Oct 6, 2016
Class (https://weber.instructure.com/calendar?event_id=712767&include_contexts=course_407728) 5:30pm to 7:20pm
Assignment 4 - A little bit-o-fun (https://weber.instructure.com/courses/407728/assignments/2746508) due by 11:59pm

Tue Oct 11, 2016
Class (https://weber.instructure.com/calendar?event_id=712766&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Oct 13, 2016
Class (https://weber.instructure.com/calendar?event_id=712765&include_contexts=course_407728) 5:30pm to 7:20pm
Assignment 6 - Sending an Email (https://weber.instructure.com/courses/407728/assignments/2746510) due by 11:59pm

Tue Oct 18, 2016
Class (https://weber.instructure.com/calendar?event_id=721045&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Oct 20, 2016
Lab (https://weber.instructure.com/calendar?event_id=721052&include_contexts=course_407728) 5:30pm to 7:20pm

Tue Oct 25, 2016
Lab (https://weber.instructure.com/calendar?event_id=712763&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Oct 27, 2016
Lab (https://weber.instructure.com/calendar?event_id=712762&include_contexts=course_407728) 5:30pm to 7:20pm
Assignment 5 - Mo-fun (Midterm Project) (https://weber.instructure.com/courses/407728/assignments/2746509) due by 11:59pm

Tue Nov 1, 2016
Class (https://weber.instructure.com/calendar?event_id=712764&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Nov 3, 2016
Class (https://weber.instructure.com/calendar?event_id=712761&include_contexts=course_407728) 5:30pm to 7:20pm

Tue Nov 8, 2016
Lab (https://weber.instructure.com/calendar?event_id=712760&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Nov 10, 2016
Lab (https://weber.instructure.com/calendar?event_id=712759&include_contexts=course_407728) 5:30pm to 7:20pm
Assignment 7 - Enter to win! (https://weber.instructure.com/courses/407728/assignments/2746511) due by 11:59pm

Tue Nov 15, 2016
Class (https://weber.instructure.com/calendar?event_id=712758&include_contexts=course_407728) 5:30pm to 7:20pm

Thu Nov 17, 2016
Lab (https://weber.instructure.com/calendar?event_id=712757&include_contexts=course_407728) 5:30pm to 7:20pm
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue Nov 22, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712756&amp;include_contexts=course_407728">Lab</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td></td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2746512">Assignment 8 - Creating Your First CRUD App</a></td>
<td>due by 11:59pm</td>
</tr>
<tr>
<td>Thu Nov 24, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=721063&amp;include_contexts=course_407728">NO CLASS: Thanksgiving</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Tue Nov 29, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712754&amp;include_contexts=course_407728">Lab</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Dec 1, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712753&amp;include_contexts=course_407728">Lab</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Tue Dec 6, 2016</td>
<td><a href="https://weber.instructure.com/calendar?event_id=712752&amp;include_contexts=course_407728">Lab</a></td>
<td>5:30pm to 7:20pm</td>
</tr>
<tr>
<td>Thu Dec 8, 2016</td>
<td><a href="https://weber.instructure.com/courses/407728/assignments/2746513">Assignment 9 - Final Project</a></td>
<td>due by 11:59pm</td>
</tr>
</tbody>
</table>