

## CNMT 210 – Web Development I

T R 8:00 – 9:50 a.m., SCI A224

Instructor: Tim Krause  
Office: SCI B246

Email: tkrause@uwsp.edu  
Office hours: M W 10:00 – 11:00 a.m.  
T R 1:30 – 2:30 p.m.

### Course Description

Introduction to Web design principles, development process and tools for developing Web sites and applications.

### Objectives

- Gain an understanding of the history and present state of Web design, and the current technologies used to create and view content on the Web;
- Demonstrate competency in hand-coding HTML5, CSS3 and JavaScript for cross-browser and cross-platform environments;
- Demonstrate competency with Web creation tools like Dreamweaver;
- Demonstrate competency creating, optimizing and publishing images for the Web;
- Demonstrate basic understanding of project management for the Web.

### Required Text and Material Purchase

MacDonald, Matthew. *HTML 5: the missing manual*. O'Reilly. 2<sup>nd</sup> ed.  
(ISBN# 978-1-4493-6326-0). Amazon: \$39.99 (new); \$12.42 (used)  
Kindle: \$6.09 (rent); \$17.27



McFarland, David Sawyer. *CSS: the missing manual*. O'Reilly. 4<sup>th</sup> ed.  
(ISBN# 978-1-4919-1805-0). Amazon: \$39.99 (new); \$18.96 (used)  
Kindle: \$19.99



Suehring, Steve. *Javascript: Step by Step*. Microsoft. 3<sup>rd</sup> ed.  
(ISBN# 978-0-7356-6593-4). Amazon: \$16.83 (new);  
Kindle: \$17.27



You are responsible for storing and backing up your assignments. The use of network space, or other storage (Google Drive, Dropbox, external media) are also reasonable. **Lost data is not an appropriate excuse for late work, and will not be accepted.**

## Assignments and Projects

Assignments will be announced in class and posted on D2L. If you miss class, it is your responsibility to check D2L (or with a classmate) for any homework assignments and supporting material which may have been given out during class.

For each assignment, you will write a 1-2 paragraph retrospective and turn it in to D2L with your completed assignment. Describe what worked well, what didn't work so well, and what you would do differently next time. Turn in any review sheets during class on the due date. **Projects with missing or incomplete retrospectives will not be graded, and considered late.**

In-class assignments may not be made up, or turned in after the end of class.

Your textbook is a valuable resource; you should bring it to every class.

I recommend that you start working on assignments as soon as possible after they have been announced. Web development almost always takes longer than originally anticipated; starting early greatly increases your odds of completing projects to your satisfaction. Please email or see me as soon as possible, **before the due date**, with any questions or concerns about an assignment. Except in extremely rare cases, **extensions** will not be given **AFTER** an assignment was due.

### Assignments

Quizzes (5)	10%	Projects (3)	30%
Exams (2)	10%	Final Web Project	20%
Final Exam	20%	Miscellaneous*	10%
<b>Total</b>	<b>100%</b>	*Includes attendance and participation	

**Final Exam: Tuesday, December 20<sup>th</sup>, 12:30-2:30 p.m.**

### Class Time and Preparation

We will use class time in a variety of ways, including but not limited to:

- Brief lectures, demonstrations and videos
- Tutorials
- Individual and group work time

Please always have a copy of your current project with you to facilitate work time that may be available to you.

### Due Date & Late Policy

Unless otherwise noted by the instructor, assignments are due before the **beginning of class** on the due date. Grades for late assignments will be reduced by one letter grade per weekday. Assignments may only be made up if the absence was due to documented illness, approved university activity or family emergency.

If you miss class due to an approved university activity, illness or family emergency on the day a test is given or an assignment is due, it is your responsibility to contact the instructor **before the start of that day** in order to make arrangements.

### **Attendance Policy**

This class assumes perfect attendance. You must arrive on time and remain in class for the entire period, or will be counted as absent. Due to unforeseen circumstances, you may need to miss a class or two. Your attendance grade will be calculated as follows:

<u>Days Missed</u>	<u>Grade</u>
0-2	A
3	B
4	C
5	D
>5	F

### **Grading Scale**

Final grades will be determined according to the following scale:

		A	100 – 95%	A-	94 – 93%
B+	92 – 90%	B	89 – 88%	B-	87 – 86%
C+	85 – 83%	C	82 – 80%	C-	79 – 78%
D+	77 – 75%	D	74 – 72%	F	< 71%

I reserve the right to lower the grading scale (i.e. the course may require less than 95% to earn an A).

### **Academic Integrity**

The University of Wisconsin – Stevens Point is an academic community of individuals committed to the pursuit of learning, the acquisition of knowledge, and the education of all who seek it. This course expects that all work turned in for a grade is your own, or that of your group. A description of your rights and responsibilities as a member of the UWSP community can be found at:

<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

A link to Student Academic Standards and Disciplinary Procedures (UWS/UWSP Chapter 14) is available on the same Web page (link above).

### **Smart Phone, IM and Recording Device Policy**

Please turn off smart phones before entering the classroom. Cell phones may not be used in the classroom without prior permission of the instructor. Instant messaging should also be turned off, unless you are communicating with a group member working remotely. If you would like to record (video or audio) any aspect of this course, please seek prior permission from the instructor.

## Course Schedule

Week	Design Track	Technical Track	Projects and Exams	Semester Project	Reading
1 – Sept. 6, 8	Course Introduction History of the Internet Balsamiq	HTML5 Introduction Directory Structure	Balsamiq Screenshot		MacDonald, 1
2 – Sept. 13, 15	Trello Web Research	Semantic Elements Troubleshooting How to Publish	Quiz 1 (22 <sup>nd</sup> )	Home Page Mockup (22 <sup>nd</sup> )	MacDonald, 2-3
3 – Sept. 20, 22	Client Projects Site Navigation & Maps	Validation Audio and Video	Personal Site I – Draft (20 <sup>th</sup> )		MacDonald, 5 Handouts
4 – Sept. 26, 28	Creating Stylesheets Selectors	GIT Repositories	Personal Site I (26 <sup>th</sup> ) Quiz 2 (28 <sup>th</sup> )	Site Map (28 <sup>th</sup> )	McFarland, 1, 2, 3
5 – Oct. 4, 6	Inheritance & Cascade Formatting with CSS	Dreamweaver		Plan (4 <sup>th</sup> )	McFarland, 4, 5 McFarland, 6, 7
6 – Oct. 11, 13	Adding Graphics		Exam 1 (13 <sup>th</sup> )		McFarland 8
7 – Oct. 18, 20	Site Navigation				McFarland 9
8 – Oct. 25, 27	Transforms		Quiz 3 (25 <sup>th</sup> )		McFarland 10
9 – Nov. 1, 3	CSS Layouts		Exam 2 (3 <sup>rd</sup> )		McFarland 12, 13
10 – Nov. 8, 10*	Responsive Web Design Flexbox		Personal Site II (10 <sup>th</sup> )		McFarland 15, 16 McFarland 17

11 – Nov. 15, 17		Intro. To JavaScript Variables/Data Types		Suehring, 1, 2, 3 Suehring 4, 5
12 – Nov. 22	Semester Catch-Up	JavaScript Debugging	Quiz 4 (22 <sup>nd</sup> )	Draft (22 <sup>nd</sup> )
13 – Nov. 29, Dec. 1		Conditionals, Loops Functions		Suehring, 6 Suehring, 7
14 – Dec. 6, 8		Forms	Quiz 5 (8 <sup>th</sup> )	MacDonald 4
15 – Dec. 13, 15	Formatting Forms		Form (15 <sup>th</sup> )	MacDonald 11
16 – Dec. 20			Final Exam	Project Portfolio

\*Note: Last day to drop a 16 week course is Nov. 11<sup>th</sup>

