

CNMT210

Web Design and Development I

Fall 2017-18

Instructor **Sasithorn Zuge** Phone 715-346-2879
Office SCI B243 or SCI D226 E-mail Sasithorn.Zuge@uwsp.edu
Office Hours 10:00am – 10:30am Mondays
10:00am – 11:00am Wednesdays
or by appointment

Class Time:

Sec1: 08:00am – 09:50am Rm. SCI B348 Mondays and Wednesdays

Textbooks:

MacDonal. *HTML5 The Missing Manual 2nd Edition*

McFarland. *CSS3 The Missing Manual 4th Edition*

Suehring. *JavaScript Step by Step 3rd Edition*

Recommended Resources:

W3Schools (<http://www.w3schools.com>)

Mozilla Developer Network (MDN)– Web Platform (<https://developer.mozilla.org/en-US/docs/Web>)

Class Communication:

You can contact me by email, see me during the scheduled office hours, or request an appointment. To ensure timely responses **when contacting me via email**, make sure you **include “CNMT210:” in the subject line, followed by the nature of your email**. I normally try to get back to you within 24-48 hours, except on holidays and weekends.

In addition to announcements made in class or written on the board, I will also communicate with you via email and/or the D2L course homepage (<http://www.uwsp.edu/d2l/>). Therefore, it is important that you check D2L and your email regularly.

Course Description:

“CNMT 210. Web Design and Development I. (formerly WDMD 210) 4 cr. Fundamental principles and techniques of Web development, user-centered Web design, and basic project management. Topics include HTML, CSS, JavaScript, HTTP, DOM, and tools for developing Web applications including code, graphics, and basic multimedia. Prereq: CIS 110 or WDMD 110.”

The course goal is not to make you an expert in web design and development in one semester ;-). The goal is to provide you with a solid foundation for front-end web development. It will not cover every single tag and attribute that HTML and CSS have to offer, nor will it go over every feature in JavaScript. However, it aims to teach you how to design and develop scalable web sites, while utilizing real-world best practices.

Student Expectations:

Learning HTML, CSS, and JavaScript is like learning a new language. Proficiency comes with practice (lots of it). So, I am expecting you to practice outside of class time. In addition, you will also utilize external resources, such as W3Schools (<http://www.w3schools.com/>) and MDN (<https://developer.mozilla.org/en-US/docs/Web>), to help you master the syntax and usage of HTML tags, CSS tags, and JavaScript Syntax.

Other than that, my expectations are pretty much similar to other courses:

- Willingness to learn and solving problem
- Attend and participate in class regularly (see attendance and participation policy)
- Practice concepts learned in-class
- Complete class work on-time and to specifications (see Class Work)
- Prerequisite for the course is CIS110 or WDMD110
- Other Basic Prerequisite Skills (we'll do a review on this)
 - Know how to connect to D2L online rooms
 - Know how to navigate a course folder and mapping a drive
 - Know absolute and relative path to a file or folder
 - Know how to view the course folder via a web browser
 - Know the difference between a shortcut to an executable file vs the file itself
 - Know that, in general, you cannot run a Windows program on a Mac.

Throughout the course, there will be in-class activity, homework assignments, and quizzes given. No make-up class activities, labs, quizzes, or examinations will be given unless approved by me before the scheduled lab or exam date, or for validated medical or personal emergencies.

Attendance and Participation Policy:

You are required to attend class regularly and are responsible for catching up with the materials you missed.

Please note: Excessive absence may result in you not being able to participate in the mid-term and/or final exam. For excused absence, you will be given 20% credit for the lecture you missed.

Lectures/Labs

During class, you will also be evaluated for your attendance and participation. Some of the lectures might have team mini projects or quizzes. Some of these might have extra credit points assigned to them. Therefore, it's important to come to class regularly since there will be **no makeup points or quizzes given for missed class activities**.

It is **highly recommended that you take notes in class**. There will be supplemental materials and in-class exercises during the lectures that are not in the book or in the PowerPoint slides. These materials are especially important because they are designed to help you reinforce and test your understanding of new materials. It is also encouraged that you complete class assignments and labs (posted on D2L) as you go along, instead of at the end of each module, so that any topics or questions that you may have can be addressed in a timely manner.

Class Work:

Exercises, Take-home Lab, and Assignments

Any graded work, such as take-home lab or assignment, will be **due at the beginning of class on the due date. Any printouts and folder submission should be done before class time, not during class.** The assignments are normally due one week after they are assigned. However, most of the assignments require some thought and time to complete, so get started right away to ensure that you can complete them on time.

Important: For your work to be graded, the following are required:

- 1) Follow the CNMT210 Coding Style for HTML, CSS, and JavaScript,
- 2) Copy your folder to the appropriate course folder's *1dropbox* (not the D2L Dropbox).
- 3) If any printouts are requested, **stapled the printouts** according to the assignment/lab requirements, which normally include:
 - a. Grading Sheet
 - b. Printout of your HTML, CSS, and/or JavaScript files.
- 4) Follow any other requirements specific to the exercise, lab, or assignment.

I will be strict in this matter, so please make sure that you check the specific work requirements against your final work before submitting. Any labs, assignments, or projects that are not complete or are not done to specifications will be returned to you without being graded, which result in zero point.

You will copy your lab/assignment folder to the course folder dropbox ([\u.wsp.edu/files/CLS/CNMT/Classes/CNMT_210_Sec_1\](https://u.wsp.edu/files/CLS/CNMT/Classes/CNMT_210_Sec_1/)) instead of D2L dropbox. This way, you will be able to view (https://files.uwsp.edu/cis/cnmt/classes/cnmt_210_sec_1/1dropbox/) your submitted work via a web browser either on your mobile device or on your computer as long as you have internet access (read-only access, you cannot upload the file or modify your files). **No late work will be accepted unless approved by me in advance. I do not accept any late work one week after the due date.**

Quizzes:

A number of pop quizzes will be given in class throughout the semester. **No make-up quizzes will be given.**

Exams:

There will be two closed book exams for the course. The final exam is comprehensive and includes all materials covered in class. You are required to take both midterm and final exams in order to pass the class; otherwise, you will receive a failing grade for the course. **No make-up exams will be given unless approved by me before the scheduled exam date.**

Section 1: Final Exam: Monday, December 18th 12:30pm – 2:30pm

Please note: Excessive absence may result in you not being able to participate in the mid-term and/or final exam.

Academic Standards

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 in the Community Rights document at: <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>.

Student Academic Standards and Disciplinary Procedures (UWS/UWSP Chapter 14) are available in the Community Rights document. Academic misconduct will not be tolerated and will be acted upon according to the University of Wisconsin System Chapter 14 Student Academic Disciplinary Procedures

Disability Services

For information on accommodations available to students with disabilities, visit the Office of Disability Services in room 609 Albertson Hall (715-346-3365) or their website: <http://www.uwsp.edu/disability/Pages/default.aspx>.

You are responsible for making arrangements directly with the Disability Services Office before any exams.

Evaluation and Grading:

Your final grade will be determined by your class attendance, completed and graded class activities, and exams. Your final grade will be calculated from the sum of your weighted grading scores as shown below:

Grading Items	Weight
Class Participation and Attendance	5%
Quizzes, Exercises, and Labs	20%
Assignments	30%
Midterm	20%
Final Exam	25%

You are required to take the midterm and final examination in order to pass the class; otherwise, you will receive a failing grade for the course. Please note: Excessive absence may result in you not being able to participate in the mid-term and/or final exam.

Your final letter grade will be awarded according to the table shown below:

Letter Grade	Final Score	Letter Grade	Final Score
A	≥ 94	C+	≥ 77
A-	≥ 90	C	≥ 74
B+	≥ 87	C-	≥ 70
B	≥ 84	D+	≥ 67
B-	≥ 80	D	≥ 60
		F	Below 60

Emergency Evacuation Procedure

- In the event of a medical emergency, call 911 or use red emergency phone located near SCI B338, or SCI B238 in the hallway of the Science Building. Offer assistance if trained and willing to do so. Guide emergency responders to victim.
- In the event of a tornado warning, proceed to the lowest level interior room without window exposure on the first floor lavatory in the Science Building. If time or space do not allow, go to A224 or A225 Science Building or remain in the hallways around those classrooms. See <http://www.uwsp.edu/rmgt/Pages/em/procedures/other/floor-plans.aspx> for floor plans showing severe weather shelters on campus. Avoid wide-span rooms and buildings.
- In the event of a fire alarm, evacuate the building in a calm manner. Meet at parking lot X (the corner of Fourth Avenue and Reserve St.). Notify instructor or emergency command personnel of any missing individuals.
- Active Shooter – Run/Escape, Hide, Fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Follow instructions of Emergency Responders. Watch the Active Shooter video at: <https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Shots%20Fired%20-%20Lightning%20Strikes.aspx>. Watch the Preventing Violence video at: <https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Flashpoint%20on%20Campus.aspx>.
- See UW-Stevens Point Emergency Management Plan at <http://www.uwsp.edu/rmgt> for details on all emergency response at UW-Stevens Point."

TENTATIVE COURSE OUTLINE

Week#	Module# / Topics	Reading
1 – 2	I. Basic Concepts and II. Intro to HTML	Supplement HTML: ch1-3
3 – 5	III. CSS Basics III. CSS Fonts and Box Model III. CSS Best Practice	CSS: ch1-5 CSS: ch 6-9 CSS: ch18
6 – 7	IV. HTML Tables IV. HTML Forms IV. Intro to Regular Expression	Supplement HTML: ch4, CSS: ch11 Supplement
8	IV. Audio and Video	HTML: ch5, (ch10)
9	Midterm: Mon. October 30, 2017 V. CSS Layout	CSS: ch 12-14
10 – 11	V. CSS Layout and Framework	CSS: ch15-17 (HTML: ch6 and 7)
12 – 15	VI. Intro to JavaScript	JavaScript: ch 1-9 (ch10-11) JS: ch 12-13, 15-16, 19 (ch14)
16	Final Exam: Monday, December 18th 12:30pm – 2:30pm	

Note: The course outline is used as a guide and is subject to change.