



Instructor: Laura Nickerson laura.nickerson@unh.edu

Class meetings:

Section 2 Wednesdays 6-9 pm in Rm. 128

Office hours: Wednesdays, 4-6 pm, UNH-M, Rm. 128

Office hours are by appointment or during announced walk-in office hours. You are welcome to email me to book a face to face appointment during the office hours, or an online meeting over Zoom during after school hours. Additional class support is also available through [Center for Academic Enrichment](#).

Weekly Schedules

Week 1 (Aug 28 - Sept 1): Introduction

Week 2 (Sept 4 - 8): On to HTML

Week 3 (Sept 11 - 15): Image and Multi-pages HTML

Week 4 (Sept 19 - 22): Copyrights (**Online Class**)

Week 5 (Sept 25 - 29): Introduction to CSS

Week 6 (Oct 2 - 6): More HTML and CSS

Week 7 (Oct 9 - 13): Flexbox, Border and Background

Week 8 (Oct 16 - 20): External CSS style sheet and Background image

Week 9 (Oct 23 - 27): Intro to Responsive Web Design

Week 10 (Oct 30 - Nov. 3): Intro to W3.CSS framework

Week 11 (Nov 6 - 10): W3.CSS framework I

Week 12 (Nov 13 - 17): W3.CSS framework II

Week 13 (Nov 20 - 24): More W3.CSS (**Online Class**)

Week 14 (Nov 27 - Dec 1): Final Project Clinic I
Week 13 (Dec 4 - 8): Final Project Clinic II
Week 14 (Dec 11 - 15): Final Project Demonstration

Catalog Description: The fundamental technologies, protocols, and practices that make up the Internet. The Internet as a global information system that has transformed the current business environment. Additional topics include: Internet structure; applications; business uses; legal and ethical issues introduced by networked computers such as privacy, fraud, and security. A significant portion of the course covers Web authoring procedures and languages. Students create a Web site using xhtml language and are introduced to JavaScript. No prior computer experience is required. Cannot receive credit if credit earned for CS 403.

Resources: All course materials will be posted on this site. Textbooks are not required. Listed below are some resources that we will use in the course.

- W3C school HTML resources: <http://www.w3schools.com/html/>
- W3C school CSS resources: <http://www.w3schools.com/css/>
- W3C school W3.CSS framework: <http://www.w3schools.com/w3css/>

Note: The links above contain very comprehensive reference resources. Only a small portion of the content will be used in our course.

Grading Scheme

Labs: (weekly assigned; 30% of total grade)

The weekly labs consist of hands-on lab exercises and other active learning activities. Students will be active participants in the development of the content material through individual and group activities and Internet research.

Labs are designed to be started and completed during the class meeting time. If you are unable to complete the lab during class then you need to complete on your own before the due day. All Labs are due Thursday 11:59pm for both sections. Submissions will not be accepted after the deadline. Submissions must be completed through MyCourses in order to receive credits.

Homework: (bi-weekly assigned; 20% of total grade)

Independent homework assignments are given and collected on a bi-weekly basis. Unless specifically stated, the major portion of the course work will be done using a browser and a text editor. The homework is designed to build your understanding of the class topics and use of the Internet and to develop your coding ability, e.g., in HTML and CSS. Topics from the homework will be used in class activities, exams and the final project so it is important to complete the material with accuracy and understanding. Each assignment is due at the date and time listed. It is your responsibility to allow enough time during the week to complete the activities

despite obstacles (technology driven or personal) that may arise. You will lose 10% per day for work submitted late. Late work is anything submitted after the announced due date and time. Three days after the due date late work will not be accepted and a zero will be given unless you have received prior approval to submit after this time. Submissions must be completed through MyCourses in order to receive credits.

Web Project: (30% of total grade)

You will create a multi-page web site as the web project. It is an *individual* project designed to apply your web authoring knowledge. It is also intended to give you experience in the creative and artistic aspects of designing and implementing an effective Web presentation. Web projects will be hosted for grading and public viewing.

The project consists two project milestones and the final project milestone will be due on May 8th.

Final Exam: (12% of total grade)

Format and topic of the exam are TBA. Makeup exam will be given only in case of an emergency.

Discussions: (weekly assigned; 8% of total grade)

The participation is calculated based on both the quantity and quality of the posts in the discussion forum. To earn full points, you must fulfill the weekly discussion requirements for the discussion topic assigned.

Please contact me regarding any discrepancies within 7 days after the grade is published.

Academic Honesty

“Honesty is a core value at the University of New Hampshire. The members of its academic community both require and expect one another to conduct themselves with integrity. This means that each member will adhere to the principles and rules of the University and pursue academic work in a straightforward and truthful manner, free from deception or fraud.”

All work that you submit must be your own except in those instances when your instructor gives specific permission to collaborate. When quoting, summarizing or explaining ideas that are based on another's work, whether in print or online, make sure to cite references appropriately. Plagiarism is using another's words or even paraphrasing another's work without giving proper credit through the use of citations.

See Student Rights, Rules, and Responsibilities <http://www.unh.edu/student-life/handbook> (p. 22)

Documented Disabilities / Americans with Disabilities Act

UNH-M will provide qualified individuals with disabilities the same educational opportunities available to persons without disabilities. When an individual's documented disability creates a barrier to educational opportunities, UNHM will attempt reasonable accommodation to remove the barrier. If you need accommodations then you must give me the proper paperwork as soon as possible. If you need assistance, the UNH Manchester Academic Counseling Office is the contact point for students with disabilities.

This syllabus is subject to change at the discretion of the instructor.