

COMP 405.M1: Intro to Web Design & Development (Fall 2020)

Instructor: Karen Jin karen.jin@unh.edu

Class meetings: Tuesdays 1-3:50pm online

Office hours:

Here is the link to make an appointment with me in my virtual Zoom office: <https://calendly.com/karenajin> You may also email to arrange a time to meet other than the slots listed.

Additional class support is also available through the Center for Academic Enrichment.

Weekly Schedules

Week 1 (August 31): Introduction to Internet, WWW and Front-end Web Authoring
Week 2 (September 7): On to HTML
Week 3 (September 14): Multi-page HTML
Week 4 (September 21): Introduction to CSS
Week 5 (September 28): More CSS
Week 6 (October 5): CSS Box model
Week 7 (October 12): CSS Flex-box
Week 8 (October 19): External CSS style sheets
Week 9 (October 26): WordPress Project Checkpoint;
Week 10 (November 2): Responsive Web Design
Week 11 (November 9): WordPress Project Milestone I Due
Week 12 (November 16): Project Clinic; HTML review
Week 13 (November 23): Final Project Clinic; CSS review
Week 14 (November 30): Final Exam
Week 15 (December 7): WordPress Web Project In-class Demo; Project Milestone II Due
Week 16 (December 14): WordPress Web Project Final In-class Demo; Project Final Milestone Due

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 website using HTML/CSS languages and are introduced. No prior computer experience is required. Cannot receive credit if credit earned for CS 403.

Recourses:

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/>

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; 25% 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 at 11:59pm on the day of class. Submissions will not be accepted after the deadline. Submissions must be completed through MyCourses in order to receive credits.

- Homework: (weekly assigned; 25% of total grade)

Independent homework assignments are given and collected on a 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. Late work is anything submitted after the announced due date and time. You will lose 10% per day for work submitted late for up to 48 hours after the due day. Submissions must be completed through MyCourses in order to receive credits.

- Web Project: (25% 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 presence. Web projects will be hosted for grading and public viewing. You will give a 10 mins final demonstration of your project in class during our last class meeting. Additional check points and progress demo will also be required. The details of project requirements and grading rubrics will be posted in the assignment section of MyCourses.

- Participation: (15% of total grade)

The participation is calculated based on 1) both the quantity and quality of the posts in the Slack discussion forum., and 2) individual check-in meetings with the instructor. Each check-in meeting is 15-20 mins long. To earn full points, you must fulfill the discussion requirements for the discussion topic assigned, and complete at least three check-in meetings during the semester.

- Final Exam: (10% of total grade)

There will be a final exam in the format of oral test and/or take-home test. The oral test will be 30 mins and conducted through 1-on-1 Zoom meetings. Details TBA.

Please contact me regarding any discrepancies about any grades you have received 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.

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