

World Wide Web Site Development

CS 125 - Spring 2023

Explore Category: Society

Instructor: Hannah Hillberg (She/Her/Hers)

Email: hillbergh@uwosh.edu

Office: Halsey 217

Office Hours: 10:00-11:00 am MW **Department Tutors:** Schedule on Canvas
1:15-2:45 pm TuTh

Section: 001C

Credits: 3

Class: TuTh 11:30am-1:00pm Halsey 101C - Teaching Computer Lab

Tu: Lecture **Th:** Lab (generally)

Textbook:

Basics of Web Design HTML5 and CSS3 (6th Edition), Terry Felke-Morris, Pearson, 2022

Course Information

This is an introductory course on website design and online branding. It covers elementary aspects of popular web development software packages. You will learn to create complete websites using responsive design and web services. The expectations for prerequisite knowledge are only basic computer skills.

Prerequisites: Not open to students who have completed Computer Science 271.

USP Explore Courses and a Liberal Arts Education

This course is an Explore course for the University Studies Program. The Explore classes are designed to provide a solid foundation for the rest of your education here, no matter which major you choose. For further information about the unique general education at UW Oshkosh and the other USP courses that are available, visit the University Studies Program website at <http://www.uwosh.edu/usp>

At UW Oshkosh, the foundation to your learning is a liberal arts education. Liberal Education is an approach to learning that empowers individuals and prepares them to deal with complexity, diversity, and change. It provides students with broad knowledge of the wider world (e.g. science, culture, and society) as well as in-depth study in a specific area of interest. A liberal education helps students develop a sense of social responsibility, as well as strong and transferable intellectual and practical skills such as communication, analytical and problem

solving skills, and a demonstrated ability to apply knowledge and skills in real world settings. (AAC&U, <http://www.aacu.org/leap/what-is-a-liberal-education>)

Course Grading Policy

Your final grade for this course will be based on four components, namely exams, projects, labs, and quizzes and class participation. Your overall numerical grade for the course will be computed as the weighted sum of the component grades using the following weights:

Component	Weight
Exams (2)	30%
Project 1	10%
Project 2	20%
Labs	30%
Class Participation (Post-class quizzes)	10%

Tentative Exam Dates:

- Midterm - March 16
- Final - May 9

Your letter grade for the course will be computed as follows:

Numerical Score	Grade	Numerical Score	Grade
>=92	A	72-78	C
90-92	A-	70-72	C-
88-90	B+	68-70	D+
82-88	B	62-68	D
80-82	B-	60-62	D-
78-80	C+	<60	F

While this overall grading scheme is fixed, I will be happy to discuss any issue you may have with individual grades. If you notice a mistake or have a question regarding a specific grade,

please come and talk to me as soon as possible. ***Do not wait until the end of the semester to bring up grading issues.*** This course will participate in the [Early Alert](#) campus program to help identify students experiencing academic performance and/or attendance issues earlier rather than later in the semester. If you may be at risk of failing the course, you will be notified during the 5th week of the semester.

Course Website: UWO Canvas

You should check Canvas on a regular basis - it will contain lecture notes, assignments, announcements, and grades. I'll do my best to let you know when something new and important comes up, but it is your responsibility to check the website frequently for information that you might not get otherwise.

Attendance

It has been scientifically proven that the most significant factor for predicting student success is attendance (although whether this is truly causation or merely correlation is another question). However, you are also an adult and are free to make your own choices. Thus, though attendance (or lack thereof) is likely to affect your grade, it will not be tracked explicitly.

Academic Integrity

The purpose of this course is for ***you*** to learn to create web sites, so the work that you turn in must be ***your own***. While discussion of ideas and problems with fellow students is encouraged, all course work must be completed individually. To be clear, my cardinal rules to prevent academic dishonesty include:

- Your fingers on your keyboard
- Your eyes on your own work / notes / textbook

Any work you submit should come from your own physical typing of your own work. Physically typing while looking at someone else's work, whether another student (past or present) or a stranger on the Internet, is plagiarism and is not acceptable. Copying and pasting (including keyboard shortcuts with your fingers on your keyboard...) is also not acceptable (...nice try).

It's okay to search online to research general concepts or to reference programming documentation. It's *not* okay to Google for solutions to reference--at this point you are referencing the result of someone else's problem solving instead of experiencing it yourself. Instead seek help from your instructor or tutors. We want to support you on your path to gaining the necessary skills and reasoning through the problems you're faced with. ***Make sure you start coursework early so that you can seek help if necessary.***

Any suspected academic dishonesty will be dealt with on a case-by-case basis. Any clarification of what does or does not constitute academic dishonesty must take place *before* you turn in questionable work. For clarification on what constitutes academic dishonesty, contact me or consult the printed policy in the [UWO Student Discipline Code, Chapter UWS 14](#).

Diversity, Equity & Inclusion

Diversity drives innovation, creativity, and progress. At the University of Wisconsin Oshkosh, the culture, identities, life experiences, unique abilities, and talents of every individual contribute to the foundation of our success. Creating and maintaining an inclusive and equitable environment is of paramount importance to us. This pursuit prepares all of us to be global citizens who will contribute to the betterment of the world. We are committed to a university culture that provides everyone with the opportunity to thrive.

Building relationships and community is one of the most important goals of this University. To build community is to honor each person in terms of their identity. Each student in the course will conceive of their identity in different ways; important aspects of identity may include ethnicity, ability, sex, sexuality, gender, gender expression, gender identity, religious beliefs, political affiliations, and/or class, to name just a few. Thus, each of us, myself included, must honor each student's identity in all its complexity. We need to work on listening to others, taking up perspectives unlike our own, challenging our assumptions and finding a route toward understanding the similarities and differences between ourselves and others.

I am committed to creating an anti-discriminatory classroom climate in which all students feel safe, supported, and affirmed. I ask that everyone in the class join me in committing to the creation of a welcoming space free of discrimination, bullying, and harassment in which each student can find a sense of belonging.

Pronouns/Names

My personal pronouns are she/her/hers. If you feel comfortable, please feel free (but not required), to disclose to me your personal pronouns. I will do my best to use them. Please also respect your peers' personal pronouns in face-to-face and online interactions.

Bias Incident Reports

All participants in this course deserve to be treated with dignity and respect. This campus will not tolerate acts of discrimination, and the use of language that's sole purpose is to injure another does not reflect who we are as Titans. Civility is a campus value at UW Oshkosh. If an instance of bias occurs, either inside or outside the classroom, students are encouraged to fill

out the Bias Incident report. <http://uwosh.edu/police/bias-incident-report>

Accessibility, Inclusion, Religious and Veteran Accommodations

I will provide, on a flexible and individual basis, reasonable accommodations to students who have documented disabilities that may affect their ability to participate in course activities or to meet course requirements. Please consult with the Accessibility Center to create such documentation and develop a plan for reasonable accommodations to share with me. The Accessibility Center is located in Dempsey Hall 125. You are also welcome to contact the Accessibility Center at (920) 424-3100 or accessibilitycenter@uwosh.edu. For more information, visit the Accessibility website at <http://www.uwosh.edu/deanofstudents/accessibilitycenter>.

It is also the policy and practice of UW Oshkosh to create an inclusive learning environment. If there are aspects of the instruction or design of this course that result in barriers to your inclusion, please notify me as soon as possible. This includes religious holidays or other days of special religious significance that may conflict with course activities: I will honor your faith traditions and I will work with you to make necessary accommodations, provided that you notify me of the conflict as soon as possible.

Veteran, active duty, reserve, or national guard students with military-affiliated special circumstances (e.g., upcoming deployments, drill requirements, disabilities, VA appointments, etc.) should communicate these with as much notice as possible. I will work with you and / or put you in contact with the Veterans Resource Center at (920) 424-1804 or veterans@uwosh.edu or other University staff who are trained to assist you.

Disclosure

Students are advised to see the following URL for disclosures about essential consumer protection items required by the Students Right to Know Act of 1990:

<https://uwosh.edu/financialaid/consumer-information/>

Course Outcomes:

At the end of this course, students will be able to:

1. Understand the advantages of good website design and be able to implement these principles on the websites you create.
2. Learn how to write and interpret HTML5 code.
3. Appreciate the differences between browsers and how they play a major role in how their website is displayed.
4. Understand standard website design guidelines and be able to critique online sites and well as your own.

5. Understand Cascading Style Sheets and demonstrate how your code, the browser, and the user affect their use.
6. Demonstrate the use of JavaScript code fragments on your sites.
7. Appreciate the importance of security, maintaining a website, and keeping it up to date.
8. Implement W3C Accessibility standards.