

ATLS 2200 WEB

SUMMARY

Web provides students with the opportunity to gain a foundational overview of web technologies through lecture and project-based lab work. The course will explore the historical and cultural impact of the World Wide Web and provide a critical perspective of contemporary and future web topics. Students will have the opportunity to use the web as a medium to engage in online storytelling by designing and developing web-based projects, and demonstrate a solid understanding of the primary front-end web languages HTML5, CSS, and JavaScript. Web is a project-based course that offers hands-on introduction to web design and development, web imagery, and multimedia storytelling. Through project work and active participation, students will be challenged to express creativity and demonstrate conceptual and critical thinking.

COURSE OBJECTIVES

CRITICAL THINKING & THEORY / HISTORY:

- ✓ Develop critical thinking skills
- ✓ Knowledge of the history of web technology
- ✓ Understanding of the cultural impact of the Internet

DESIGN/CREATIVE:

- ✓ Develop online communication platforms
- ✓ Creative storytelling

TECHNICAL

- ✓ Web development
- ✓ Html, css, javascript
- ✓ Responsive design
- ✓ Web graphics

REQUIRED RESOURCES

- HTML AND CSS: DESIGN AND BUILD WEBSITES, JON DUCKETT
- JAVASCRIPT AND JQUERY: INTERACTIVE FRONT-END WEB DEVELOPMENT, JON DUCKETT
- [UCB Library Login](#) (required for books 24/7)
- lynda.colorado.edu (Free access to lessons with CU Identikey)

MATERIALS

- NOTEBOOK (low tech device for taking notes).
- PORTABLE STORAGE DEVICE: usb jump drive or portable external hard drive. -You are responsible for backing up work on a removable storage device.

ATTENDANCE

This class requires students to be present in both the lecture and the lab sections in order to create, review, and discuss the work that is being produced. You are allowed 3 "get out of school free" absences, every absence after that will result in the lowering of the final letter grade by 10%. Tardiness (arriving late or skipping out early) counts as 1/3 of an absence. Your 3 absences are shared between the Web lecture and your web lab. You DO NOT have 3 absences for each.

CRITIQUES

Critiques are a wonderful opportunity to receive feedback on your projects from both your peers and your instructor. As such, this course takes critiques very seriously. Projects are expected to be finished, uploaded, and ready to present by the designated time of critique. During the semester, you will have 4 critiques in total with two being in-class and two being conducted online. Participation in all critiques is required and an absence from class on a critique day will result in that specific project being graded 10% lower in addition to accruing an absence from class. If you skip critique and your project was not turned in, you will also receive a lower grade for your work being late.

GRADING

Students will be assessed on work completed both in the lecture and lab components of this course. 34% of your class grade will come from the lecture and 66% of your course grade will come from the lab. This breakdown is designed to reflect a grade equal to the amount of time spent in each area. In total, students' grades will be based on exams, lecture questions, lab homework, lab projects, and attendance. Specific grading criteria for each project will be found with the accompanying description of that project.

Individual projects that are turned in late will result in the grade being lowered by 10% per day late for that project. Feedback through the form of critique is also essential; absence from any of the class critiques will result in a grade drop of 10% for that project.

GRADE BREAKDOWN

Lecture - 34%

- Midterm Exam: 10% or 100 points
- Final Practicum: 10% or 100 points
- Lecture Attendance Questions - 14% (1% each) or 140 points

Lab - 66%

- Project 1 - Hypertext Narrative - 10% or 100 points
- Project 2 - CSS Zen Garden - 10% or 100 points
- Project 3 - Responsive Narrative - 10% or 100 points
- Project 4 - JavaScript Game - 10% or 100
- Small Lab Homework - 26% (2% each) or 260 points

GRADE DEFINITIONS

- A = 94%–100% - Reserved for truly amazing projects that extend beyond the expectations of class, both technically and conceptually
- A- = 90%–93%
- B+ = 87%–89%
- B = 84%–86% - Good projects that demonstrate a strong technical proficiency and creative aptitude
- B- = 80%–83%
- C+ = 77%–79%
- C = 74%–76% - Acceptable projects that neither push the expectations of class nor fail to meet them
- C- = 70%–73%
- D+ = 67%–69%
- D = 64%–66% - Poor projects that have a few worthwhile aspects but are lacking overall
- D- = 60%–63%
- F = 0%–59% - Bad projects that either demonstrate a total lack of understanding or effort put into class

You are required to earn a C letter grade or higher in order for this class to count towards the TAM Certificate / Minor / Major and to take courses that require ATLS2200 Web as a prereq

FREEDOM OF SPEECH

This class is held in an academic university setting and due to the inherent nature of the internet and the broad range of topics that your project work might explore, it is inevitable that we will come across class work dealing with politics, religion, and other sensitive subjects. My role during such

discussions will be a facilitator, a mediator, and as impartial as humanly possible. All students are encouraged to participate in open discussion and academic discourse.

COURSE CONTENT

The instructor of this class reserves the right to show a broad range of course materials, some of which assume the audience to be adult in age and demeanor. Should a student feel offended by something they have seen or heard, it would be appreciated, but not required, to stay to be part of the dialogue and to offer your perspective. However if a student feels that they cannot stay, they are welcome to leave the classroom as discretely as possible. There are not plans to discuss overtly offensive things within this course but with a class focused 100% on the internet, offensive topics are certainly things that could emerge through discussion. Any touchy subjects will, however, be handled with professionalism and viewed through an academic lens and it is expected for students to approach subjects from a similar frame of mind.

LAB POLICY

Food and drinks are not permitted inside the TAM labs. Our labs are not open OIT labs, only students who are enrolled in the TAM program should have access to the TAM computers in ATLAS. Do not, under any circumstances, prop the doors open or let anyone in during and outside of class time. If they are authorized to use the lab they will have their BuffOne cards activated and can let themselves in.

COMPUTERS, LAPTOPS AND MOBILE COMPUTING DEVICES USAGE POLICY

Laptops and mobile computing devices can be a great asset to learning, but they can also be a source of distraction and actually impair the learning environment. Within ATLAS courses, computers, laptops and mobile computing devices should only be used for class related activities. Checking E-mail, using social media, working on assignments or projects for other courses, instant messaging, gaming, and web-surfing are examples of unacceptable classroom behaviors. If you are found to be engaging in these activities during course time, instructors reserve the right to ask you to leave the classroom and mark you with an absence for the day.

Additionally, the use of a cell-phones or texting devices during class is expressly verboten (forbidden). If it's an emergency and you need to answer a call, please step out of the classroom.

HONOR CODE

All work/ideas/code must be original and created for this class - no project double-dipping or recycling of digital work from other course-work. All code should be written from scratch by you - meaning that although some code is repeatable you should never copy and paste (steal) code from

other sources and then find and replace (frankenstein) your content into it.

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the [academic integrity policy](#) of the institution. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access, clicker fraud, resubmission, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code Council (honor@colorado.edu; 303-735-2273). Students who are found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code Council as well as academic sanctions from the faculty member. Additional information regarding the academic integrity policy can be found at honorcode.colorado.edu.

CLASSROOM BEHAVIOR

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity and gender expression, age, disability, and nationalities. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. For more information, see the policies on [classroom behavior](#) and [the student code](#).

SEXUAL MISCONDUCT, DISCRIMINATION, HARASSMENT AND/OR RELATED

RETALIATION

The University of Colorado Boulder (CU Boulder) is committed to maintaining a positive learning, working, and living environment. CU Boulder will not tolerate acts of sexual misconduct, discrimination, harassment or related retaliation against or by any employee or student. CU's Sexual Misconduct Policy prohibits sexual assault, sexual exploitation, sexual harassment, intimate partner abuse (dating or domestic violence), stalking or related retaliation. CU Boulder's Discrimination and Harassment Policy prohibits discrimination, harassment or related retaliation based on race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. Individuals who believe they have been subject to misconduct under either policy should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127. Information about the OIEC, the above referenced policies, and the campus resources available to assist individuals regarding sexual misconduct, discrimination, harassment or related retaliation can be found at the [OIEC website](#).

DISABILITIES

If you qualify for accommodations because of a disability, please submit to your professor a letter from Disability Services in a timely manner (for exam accommodations provide your letter at least one week prior to the exam) so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact Disability Services at 303-492-8671 or by e-mail at dsinfo@colorado.edu. If you have a temporary medical condition or injury, see [Temporary Injuries](#) guidelines under the Quick Links at the [Disability Services website](#) and discuss your needs with your instructor(s).

RELIGIOUS OBSERVANCES

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, send us (lecture and lab instructor) an email prior to the observance stating what class period you will be missing and be responsible for materials missed in class. See the [campus policy regarding religious observances](#) for full details.