

WEB 2180: WEB ACCESSIBILITY

CONTACT INFORMATION

PROFESSOR

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She / Her / Hers
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OFFICE HOURS

MWF: 10:30–11:30 & 1:20–2:20
TTh: 10:30–11:30

Or by appointment, via Zoom.

COMMUNICATION (OUTSIDE OF CLASS):

If you have any questions about the course or need assistance, please schedule a visit during office hours using Starfish.

If you need to talk to me outside of office hours, please email me and we will set a time.

COURSE DESCRIPTION

In this course students will be introduced to the disability rights, legislation that governs the rules for accessibility in the United States, and WCAG 2.1 standards. The following topics will be covered: history of disability rights, key leaders in the disability rights movement, groups advocating for disability rights, legislation that governs the rules around accessibility, WCAG 2.1 standards. Using current accommodation software, students will test websites for accessibility and make recommendations to change the code to meet WCAG 2.1 guidelines. Prerequisite: WEB 1400.

COURSE OUTCOMES

At the conclusion of this course students will:

1. Understand the history of disability rights in the United States, including key leaders, disability rights groups, and how race and gender impacted disability rights
2. Compare disability rights movements with other key movements in the United States

3. Compare US disability rights history with world disability rights
4. Identify key legislation that shaped accessibility laws today
5. Apply WCAG 2.1 standards to their code to ensure accessibility
6. Analyze existing websites for compliance with accessibility standards (WCAG 2.1)
7. Create actionable recommendations to bring websites into compliance

GRADING

A	93–100%
A-	90–92.9%
B+	87–89.9%
B	83–86.9%
B-	80–82.9%
C+	77–79.9%
C	73–76.9%
C-	70–72.9%
D+	67–69.9%
D	63–66.9%
D-	60–62.9%
E	Less than 60%

COURSE WEBSITE

WSU Online is where course modules, assignments, grades, and announcements will reside. It can be accessed from <https://canvas.weber.edu>. For Canvas-related technical support, please click the HELP link in the top right corner of your screen. You can also call WSU Online at (801) 626-6499 or email wsuonline@weber.edu.

All assignments and projects need to be submitted through Canvas, the university's learning management system. Canvas is also where you will find due dates, reading assignments and descriptions for all work each week.

ONLINE RESOURCES

READING

A Web for Everyone

By Sarah Horton & Whitney Quesenbery

Publisher: Rosenfeld Media

Pub. Date: 2013

Print ISBN-13: 978-1-933820-97-2

TOOLS

- WebAim WAVE Accessibility checker (free and online)
- Other accessibility checkers (free and online)

ASSIGNMENTS, SKILL CHECKS, AND FINAL PROJECT

Assignments include:

1. Introduce Yourself
 - a. Online discussion post in Canvas
2. Assessing Your Environment for Access
 - a. Checklist completed analyzing accessibility of a building students frequent.
3. Disability Rights Groups Presentations
 - a. Student presentation on a disability rights group
4. History of Disability Rights Midterm
 - a. Canvas quiz
5. Legislation Midterm
 - a. Canvas quiz
6. Final Milestone 1
 - a. Students will do some quick and easy accessibility checks on a pre-approved site
7. Final Milestone 2
 - a. Students will expand their accessibility checks to include WCAG 2.1 standard analysis on a pre-approved site
8. Final Milestone 3
 - a. Students will have to perform manual checks for navigation using their keyboard only, checks will be performed for all non-automated issues (i.e., things WebAIM and similar can't auto-check)
9. Final Project
 - a. Taking all their prior accessibility checks data, students will create an action plan for the website's organization to recommend fixes in order or priority.
 - b. This will include prioritizing the access barriers for quick fixes and critical errors, etc
 - c. Timelines will be developed to reach compliance
10. Final Presentation
 - a. Students will create a final presentation for their website.
 - b. It will include examples of problems with the solutions

EXTRA CREDIT

Please don't ask for extra credit.

LATE WORK

Late assignments will receive a 10% deduction for each day late up to a week. After one week, no assignments will be accepted. Assignments must be completed by the scheduled date and time unless a student has extenuating circumstances such as a car accident or hospital emergency (with documentation). Notification to the instructor must be made within 24 hours of a missed assignment in order to be eligible for 'make-up' work. All make-up work is subject to a 20% late penalty, and must be completed within 14 days of the original due date.

TIME COMMITMENT

As a general rule, you should spend at least three times the number of credit hours assigned to the class. For example, this is a three-credit-hour class 3x3=9. You should expect to spend at least 9 hours a week working on this class.

TIPS FOR SUCCESS

One cannot learn all of the material by just reading the text; practice is critical when learning navigate sites without use of mouse/trackpads and sight. Successful students read the upcoming material ahead of time. They participate actively in class. If you are struggling with any concept, please come and see me during my office hours. The number one thing you can do is ask questions when you don't understand something.

COURSE POLICIES

STUDENT EXPECTATIONS IN GENERAL AND DURING COVID

Please refer to the following resources for information about the university's expectations for Fall 2020:

- [Student Expectations for Fall 2020](#)
- [Digital Addendum to Course Syllabi](#)

COURSE FEES

Course fees in the Network Management Technology major are designed to cover the costs of equipment maintenance and replacement, software, consumable materials and supplies, instructional resources, and certification.

TECHNICAL SUPPORT

For assistance with Canvas or related technical issues, please call 626-6499. This phone is staffed Mon-Thurs from 8 am - 5 pm and Fridays from 8 - 4:30 pm. You can leave a message during non-business hours for a return call. Alternatively, students can send an email message to wsuonline@weber.edu

If you are having technical issues related to usernames/passwords, please call the Service Desk at 626-7777, or email csupport@weber.edu.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary. For more information about the SSD contact them at 801-626-6413, ssd@weber.edu, or departments.weber.edu/ssd

ETHICAL CONDUCT

Any form of academic dishonesty (cheating, plagiarism, etc.) is unacceptable. Proof of academic dishonesty will result in a failing grade (E) for the course. The following is an explanation of cheating, as stated in the student code.

1. Cheating, which includes but is not limited to:
2. Copying from another student's test;
3. Using materials during a test not authorized by the person giving the test;
4. Collaborating with any other person during a test without authorization;
5. Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official
6. Bribing any other person to obtain any test;
7. Soliciting or receiving unauthorized information about any test;
8. Substituting for another student or permitting any other person to substitute for oneself to take a test.
9. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;
10. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;
11. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;
12. Giving, selling, or receiving unauthorized course or test information;
13. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;
14. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.