



Business and Hospitality Division

Course Syllabus

Any changes to the syllabus will be posted in the College's Learning Management System prior to implementation of change.

Course Information

- **Course/Section:** WEB-210-O1 Web Design
- **Course Hours:** class – 2, lab – 2, credit – 3
- **Semester:** 2020SP
- **Meeting Times:** Online
- **Meeting Location:** Online
- **Prerequisites:** C or better in WEB-115
- **Co-requisites:** none
- **Course Description per catalog:** This course introduces intermediate to advanced web design techniques. Topics include customer expectations, advanced markup language, multimedia technologies, usability and accessibility practices, and techniques for the evaluation of web design. Upon completion, students should be able to employ advanced design techniques to create high impact and highly functional web sites. Emphasis is placed on CSS layout techniques.
- **Text(s):** CSS The Missing Manual, 4th ed., David Sawyer McFarland, O'Reilly publishing
- **Supplies/Materials:**
 - Storage media: USB drive (2GB+ recommended)
 - Cloud storage (DropBox, Google Drive, OneDrive, etc...)
 - Internet access

Instructor Information

- **Instructor Name:** Alec Fehl
- **Office Telephone Number:** 828-398-7881
- **Email Address:** alecafehl@abtech.edu
- **Office Location:** Haynes 106
- **Office Hours:** M 2-3, T 10-12, W 11-1

Course Learning Outcomes/Objectives

- Identify the anatomy of a CSS rule
- Explain the difference between cascade and inheritance and apply specificity as needed
- Choose appropriately among external, embedded, and inline styles
- Make efficient and effective use of element, class, id, and pseudo selectors
- Use CSS to accomplish all visual formatting

- Incorporate CSS hacks and IE conditionals to accommodate for browser support issues
- Create CSS layouts using floats, positioning, grid, and flex
- Implement advanced HTML techniques for high resolution images and devices

A-B Tech General Education Outcomes

Expected competencies students will develop in this course:

- Students will critically evaluate information
- Students will solve problems
- Students will effectively communicate

Additional information can be located on A-B Tech's website at the following link: [Course Syllabus Information](#).

Evaluation Criteria

- Weekly projects = 75% of final grade
- Final project = 25% of final grade

Grading System

Grade Letter	Associated Percentages or Points
A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	Below 60

Grades are not rounded up. For example, an 89.99% is a B. Students who complete all their work on time are never on the cusp. Plan ahead, complete all of the assignments, and don't put yourself in the position of being in the cusp.

Participation Requirements

It is mandatory that the student attend each course at least once during the first 10% of the course, or in the case of online courses, a graded activity must be submitted during the first 10% of the course. Each online course syllabus must identify the activity to be completed prior to the 10% point of the course and the date by which the activity must be completed. For hybrid courses, the student must attend the classroom portion of the course or complete an online graded activity prior to the 10% point. Failure to attend or complete the activity prior to the 10% point will result in the student being dropped from the course. The student will not be allowed to continue in the course or receive a refund.

Rights, Responsibilities, and Procedures

Information on Rights, Responsibilities, and Procedures pertaining to students can be located on A-B Tech's website at the following link: [Course Syllabus Information](#).

ADA/Accessibility

A-B Tech is committed to creating an environment that meets the needs of its diverse student body. If you have a disability, think you may have a disability, or are having issues with the accessibility of course materials, please contact Support Services to arrange appropriate accommodations to ensure access to your education. You can find all information and request forms at the following link: [Student Service Overview](#).

Course Evaluation by Students

Students will have the opportunity to provide constructive feedback on their courses each semester at approximately the 50% completion point through an online survey. **All responses are anonymous** unless a student chooses to self-identify in submitted comments. Results are used to determine whether changes should be made during the second half of the course to improve the learning experience for students. Additional information can be located on A-B Tech's website at the following link: [Course Syllabus Information](#).

Course Requirements and Expectations

It is expected that students will:

- Watch all of the require videos
- Download exercise files and code along while watching the videos
- Adhere to the A-B Tech Code Formatting guidelines regardless of the coding practices used by the video presenter

Workload and Communication

Workload:

Expect to spend 8-12 hours per week on your work in this class. Take this responsibility seriously and make the time.

Communication:

All communication in this class is made via email and Moodle. Additionally, you are welcome to call or stop by my office. It is your responsibility to check both your A-B Tech email and Moodle **twice daily** during the M-F school week. At a minimum – once in the morning and once in the evening. **Moodle does not always send out email notifications as expected, so do not rely on this! Be proactive in checking Moodle for assignment feedback rather than waiting for an email notification.** Once I provide feedback on an assignment and offer the opportunity for a resubmission, I expect a resubmission (if you choose to do it) within 48 hours (excluding weekends/holidays). If you fail to check your email/Moodle regularly, you risk failing to meet these deadlines.

Instructor Response Times:

I typically respond to emails and grade assignments within 24 hours excluding weekends and holidays. Note I do not check Moodle or email after hours.

Assignment/Test Policy

Tests:

There are no tests in this class. It is 100% project-based.

Assignments:

Timeliness in turning in work is essential in the workplace, and timeliness is essential and expected in this class.

Seated Classes

Assignments are due the beginning of the class period following the date the assignment is given unless otherwise noted. Each chapter has one activity that must be submitted in person at the start of the next class, and occasionally graded assignments are given that must be completed within the first 30 minutes of class. If you are absent or late and miss these activities, they cannot be made up and your assignment grade for the missed activity will be a zero. It is expected that you will be in class, on time, and stay for the entire class.

Online Classes

Assignments are made available in Moodle every Monday by 8:00am. First drafts are due the following Monday by 8:00am unless otherwise noted.

All Classes

- Moodle timestamps all submitted assignments. A submission that is literally one second after the due date will not be accepted by Moodle and your grade for that assignment will be a zero.
- Some of the work you submit may need to be redone and resubmitted. That is the reality of designing web sites for clients. You will always have tweaks. Best to learn now not to take it personally and get comfortable with the concept of 1st draft, 2nd draft, ..., nth draft.

Workflow for assignment submission:

- I make an assignment available in Moodle.
- You submit the assignment by the due date listed. Late work is not accepted.
- I will provide an initial grade (Complete/Incomplete) and feedback typically within 48 hours (excluding weekends).
- You may choose to keep the initial grade and be finished with the assignment, or...
- ...you may wish to address my feedback and resubmit the assignment for a higher grade. If you wish to address my feedback and resubmit the assignment for a higher grade, you will have 48 hours (excluding weekends) to resubmit the next draft. The new due date will be visible in Moodle. Resubmissions will not be accepted late.
 - Note: **All** feedback must be addressed. Do not simply resubmit the same old unchanged files. If the feedback is not 100% addressed, the assignment grade will remain a zero with no further resubmissions. Let's be clear. If my only feedback comment is to fix a file name, and you fail to do that but everything

else is absolutely perfect, your assignment grade will remain a zero. All feedback must be addressed by the extension due date.

- Upon resubmission, the process repeats. Your grade may stay the same or may be raised depending on the improvements you've made. I will offer you the opportunity to resubmit again with an updated due date/time. This process continues until you have either earned a 100 on the assignment (Complete), until you have missed a resubmission deadline (at which time the Incomplete grade of 0 is final), or until you simply decide not to resubmit a new draft (at which time the Incomplete grade of 0 is final).
- If you resubmit work with no improvements, the assignment will be graded in its current state (Incomplete / 0) and no further resubmissions for that assignment will be accepted.
- I will challenge you to produce the best work possible.
- It is possible to redo an assignment several times and still receive a 100 – so don't worry if the grade shows initially as a 0 the first time you turn it in. This is the natural process – to continue to tweak the work until it is the best you can do.
- No resubmission will be accepted once the final project is assigned, and the final project itself is graded with its final grade upon its initial submission.
- The only ways to get a low grade on a chapter assignment are to [1] miss a resubmission deadline or [2] fail to address every feedback item in the new submission.

Late work:

Late work is not accepted. Missing assignments are graded as zeros with no opportunity for resubmission.

File naming:

Correct file naming is essential to functioning web applications. Assignments submitted with the incorrect folder or file name will not be accepted and the initial grade will be a zero. You will have to rename your folder(s)/file(s) correctly and resubmit by the new due date.

Capitalization, spaces, hyphens, underscores – they all count. In the professional world, a single mis-capitalized word or a single missing/additional space can cause a web application to fail.

Pay close attention to folder/file naming.

File packaging:

Packaging an assignment correctly (the folder/subfolder structure) is essential. Packaging assignments includes creating the folder/subfolder structure as per the assignment instructions in Moodle and zipping the assignment correctly. If, in the professional world, your web site's structure does not match your code, your web site will break. Assignments submitted with incorrect packaging will not be accepted and the initial grade will be a zero. You will have to repackage your assignment correctly and resubmit by the new due date.

Completeness:

Every assignment will require you to complete multiple files. Not all files are equal. For example, if an assignment requires you to create five files, and you create four (missing only

one) this does not mean that you completed 80% of the assignment and therefore deserve a B. In this case, not every file is worth 20% of the assignment. Some files are more important than others, and overall completeness is important. You will receive a 0 grade for turning in four out of five files. Assignments must be turned in 100% complete to earn a passing grade. Budget your time and complete the assignments. Clients will expect their web sites to be complete. They will not be satisfied with only four out of their five web pages finished.

Effort and Quality:

You do not receive a grade for trying really hard. You do not receive a grade based on the number of hours you spent on an assignment. You receive a grade based on the quality of your work. You should be 'trying really hard' anyway. That is a given.

What counts?

- Complete sentences only with correct grammar, spelling, and punctuation
- Neatly typed and formatted
- Presentation, in addition to content, counts
- File naming
- Completeness
- Assignment packaging/zippping

Course Schedule

Any changes to the syllabus will be posted in the College's Learning Management System prior to implementation of change. Daily agendas are made available in Moodle each week. The general schedule, subject to change, is below.

- **Weeks 1-2** Introductions, syllabus, development environment, CSS Basics and Gradients
- **Weeks 3-5** CSS Grid Layout and High Density Displays and Images
- **Weeks 6-9** Transitions, Transformations, Animations, Responsive Typography
- **Weeks 10-12** Pre-processing, Frameworks
- **Weeks 13-16** Design Inspiration, Final Project