

[Syllabus](#) [Assignments](#) [Videos](#) [Downloads](#) [Codecasts](#)

Course Description

A deep knowledge of CSS properties and specifications is essential in client-side web development and design. This course will expand students knowledge of CSS by covering the following CSS properties: media queries, animation & transitions, transforms, grid layouts, flexbox, web fonts, shapes, variables, exclusions, and regions. Browser support, preprocessors, frameworks, and minification will also be discussed. Using these advanced CSS techniques student will design and implement a consistent user experience and the page layout of a web application. Prerequisite: WEB 2350.

Contact Information

Email: thomasbell@weber.edu

Canvas Email: Click on Inbox

Phone: 801-626-7299

Office: EH 372

Office Hours: MW 11:30am-1:30pm or by appointment

Course Outcomes

Upon successful completion of this course, the student shall be able to demonstrate the following skills:

- Create a responsive site design using media queries.
- Create a consistent typographic style using web fonts and CSS typographic properties.
- Create animations, transitions and transform for a more compelling user experience.
- Integrate CSS preprocessors and minification into the client-side development workflow.
- Create a site layout using bootstrap and foundation.

Textbook

Professional CSS3

By: Piotr Sikora

Publisher: Packt Publishing

Pub. Date: May 31, 2016

Web ISBN-13: 978-1-78588-698-0

Print ISBN-13: 978-1-78588-094-0

Online: Safari Book

CSS3 For Web Designers, Second Edition

By: Jeffrey Zeldman

Publisher: A Book Apart

Pub. Date: December 4, 2015

Web ISBN-13: 978-0-13-443396-7

Print ISBN-13: 978-0-13-446497-8

Online: Safari Books

HTML5 and CSS3: Building Responsive Websites

By: Thoriq Firdaus; Ben Frain; Benjamin LaGrone

Publisher: Packt Publishing

Pub. Date: October 25, 2016

Web ISBN-13: 978-1-78712-002-0

Print ISBN-13: 978-1-78712-481-3

Online: Safari Books

Tools

Brackets, CodePen, Prepros

Assignments

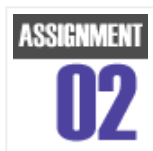
Below you will find all of the assignments and the schedule for the course and you will find the weights to the right.

Week	Topics	Assignments Due
Week 01	CSS: Review	
Week 02	CSS: Level 4 Selectors	Assignment 01 - Review
Week 03	CSS: Media Queries	
Week 04	CSS: Flexbox & Grid Layouts	
Week 05	CSS: Web Fonts & Typography	Assignment 02 - Responsive Design
Week 06	CSS: 2D & 3D Transform	
Week 07	CSS: Transitions & Animations	Assignment 03 - Typography
Week 08	CSS: Variables & New Specs	Assignment 04 - Transformation & Animation, CSS Skills Check
Week 09	Sass: Variables & Nested Rules	
Week 10	Sass: Mixins & Inline Imports	Assignment 05 - Variables & New Specs
Week 11	Bootstrap: Getting Started	SASS Skills Check
Week 12	Bootstrap: Customizing	Assignment 06 - SASS
Week 13	Foundation: Getting Started	
Week 14	Foundation: Customizing	Assignment 07 - Bootstrap
Week 15	Final Project Work	Assignment 08 - Foundation, Frameworks Skills Check
Finals Week	Final Project Work	Final Project, Final Skills Check



CSS: Review

Due Date: Sep 11,
2017 11:59PM



CSS: Flexbox

Due Date: Sep 18,
2017 11:59PM



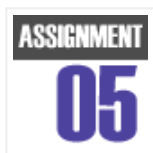
CSS: Grid & Typography

Due Date: Sep 25,
2017 11:59PM



CSS: Transformation & Animation

Due Date: Oct 02,
2017 11:59PM



CSS: Variables & New Specs

Due Date: Oct 09,
2017 11:59PM



CSS

Due Date: Oct 13,
2017 11:59PM



Sass: Basics

Due Date: Oct 23,
2017 11:59PM



Bootstrap: Basics

Due Date: Nov 13,
2017 11:59PM



Foundation: Basics

Due Date: Dec 04,
2017 11:59PM



Frameworks

Due Date: Dec 01,
2017 11:59PM



Final Project

Due Date: Dec 11,
2017 11:59PM



End of Course Evaluation - Extra Credit

Due Date: Dec 08,
2017 11:59PM

Final Project

The final project will be worth 30% of your grade and is worth 300pts. It will encompass components from all of the assignments. For the final project you will be creating either a game or an animated web short. More information about the project is forthcoming.

Grade Scheme

A	100%	to 94%
A-	< 94%	to 90%
B+	< 90%	to 87%
B	< 87%	to 84%
B-	< 84%	to 80%
C+	< 80%	to 77%
C	< 77%	to 74%
C-	< 74%	to 70%
D+	< 70%	to 67%
D	< 67%	to 64%
D-	< 64%	to 61%
F	< 61%	to 0%

Extra Credit

I will occasionally give extra credit. It will most often replace portions of an assignment. Please don't ask for extra credit.

Late Work

You will be able to submit one assignment as late for full credit and after that all late assignments will be given half credit.

Time Commitment

As a general rule you should spend at least twice as much time outside of class as in class.

Tips for Success

One cannot learn all of the material by just reading the text. Practice is critical when learning new software and programming languages. Successful students read the upcoming material ahead of time. They participate actively in class. If you are struggling with any concept please come see me during my office hours. The number one thing you can do is ask questions when you don't understand something.

Technical Support

For assistance with Canvas or related technical issues, please call 626-6499. This phone is staffed Mon-Thurs from 8am - 5pm and Fridays from 8 - 4:30pm. A message can be left 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.) will not be tolerated. 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.

- A. Cheating, which includes but is not limited to:
 - i. Copying from another student's test;
 - ii. Using materials during a test not authorized by the person giving the test;
 - iii. Collaborating with any other person during a test without authorization;
 - iv. 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
 - v. Bribing any other person to obtain any test;
 - vi. Soliciting or receiving unauthorized information about any test;
 - vii. Substituting for another student or permitting any other person to substitute for oneself to take a test.
- B. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;
- C. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;
- D. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;
- E. Giving, selling, or receiving unauthorized course or test information;

F. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;

G. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.
