

# Course Syllabus

# WDD 130: Web Fundamentals

## Syllabus

Welcome to WDD 130! This class serves as an introduction to Web design and development. The course is designed to introduce students to basics of Web technology, Web design and development principles. The course uses hands-on activities with students actually participating in simple Web design projects and programming. It is anticipated that students who complete this course will understand the fields of Web design and development and will have a good idea of whether or not they want to pursue Web design and development as a career.

## Required Software

All of the software we will be using specifically for this course can be used for free. The software will all be installed in the first few weeks of the course. See the Course Announcements for more details.

*There is no textbook for this course.* However, because many of the readings and assignments are online, students are recommended to have a steady internet connection.

## Course Outcomes

Upon completion of this course, students will be able to:

1. Demonstrate basic proficiency in using current, valid, and semantic Hypertext Markup Language (HTML) syntax to define the structure and content of a webpage.
2. Demonstrate basic proficiency in using current valid Cascading Style Sheets (CSS) to style an HTML document.
3. Plan, design, and develop web pages and sites according to best practices of organization and maintainability.
4. Discover and analyze the web design and development industry as a career path.
5. Work effectively with others by communicating clearly, collaborating as a team member, fulfilling assignments and meeting deadlines.

## Major Assignments

The table below is meant to help you see the relevance of each major assignment as it pertains to the course outcomes (CO).

Major Assignment	Description	CO#
Final Project	The final project for this course consists of two primary phases. The first is the design of a complete 3-page website on a topic of your choosing. This design will be organized and submitted in a detailed Site Plan. The second phase is the	1, 2, 3, 4, 5

Major Assignment	Description	CO#
	construction of the website in HTML and CSS. The Final Project Grade will collectively be worth 40% of your grade!	


## Weekly Patterns

The table below displays typical weekly activities, due dates, and activity descriptions.


Due Date*	Learning Model	Activity Title	Description
Midweek	Prepare	Preparation Materials	Introduction to the week's material.
Midweek	Prepare	Preparation Quiz	Quiz to measure understanding.
Midweek	Ponder	Practice Activities	Practice opportunities.
End of Week	Prove	Graded Application Activities	Assessment to measure knowledge and skills.

\*Set your time zone within user preferences so the dates and times for course activities will display correctly for your time zone.

## Learning Model

You are encouraged to learn by study and also by faith ([D&C 88:118](#)  (<https://www.churchofjesuschrist.org/study/scriptures/dc-testament/dc/88?lang=eng&id=118#p117>)). The three processes of the [Learning Model](#) (<http://www.byui.edu/learning-model>) will help you deepen your learning experience.

In this course, the Prepare phase of the Learning Model is delivered through the preparation material. The Ponder and Prove phase is measured through the weekly application activities.

The [Five Principles](#)  (<https://www.byui.edu/learning-model/5-principles>) of the learning model is where you, the student, can take personal responsibility and invite the spirit to be part of your study strategies and learning process.

## Expectations

### Workload

Remember, because this is a two-credit course, you will spend approximately 4-6 hours each week doing the homework. Do not plan less time. The most important thing to remember is to pace yourself. Set aside time throughout the week to complete your assignments.

### Group Work

There is no group work in this course.

### Late Work

Many of these exercises build off of each other. It is important that you do not fall behind. Pay attention to learn for the specific due dates and times. Activities are not accepted via email. You must submit your activities in the correct place and within the posted time frame. Late points will be taken off at 5% of the grade per day it is late.

## Homework

There will be weekly assignments due over the course of the semester. Many of these exercises build off of each other. It is important that you do not fall behind. Pay attention to Ilearn for the specific dates and times. There are three important dates associated to each activity or assignment:

- The start date: The date the activity begins
- The due date: The date the activity is due.
- The end date: The date the activity locks and no submission will be allowed after that.

\*Please note: Activities are not accepted via email. You must submit your activities in the correct place and within the posted timeframe.

## Ilearn/Canvas

All of the activity instructions and assignments can be found in Ilearn. Make sure to spend some time learning how to make the most of Ilearn. Submitting assignments, checking your progress in the course and knowing how to see feedback from the instructor are all crucial things to know. [➡\(https://content.byui.edu/integ/gen/a055e079-72ea-4505-908d-984d4a7f1a5b/0/iLearn3tutorials.html\)](https://content.byui.edu/integ/gen/a055e079-72ea-4505-908d-984d4a7f1a5b/0/iLearn3tutorials.html)

## Site Plan Requirements

Your site plan will contain the following information about your site:

1. Statement of purpose and goals
2. Definition of audience
3. Specific content (text and images) for each page
4. A Style guide:
  - Branding information - how to use the branding for the site correctly
  - Typography choices and justification
  - Color palette
  - Specific styling of elements on the site...ie headings, lists, paragraphs, forms, links, buttons, etc
  - A site map
  - Wireframes showing the general layout for each page

## Web Site Requirements

For this part of the project, you are required to develop in HTML and CSS the website detailed in your Site Plan The following are the specific requirements of the Web site (75pts):

1. The Web site must consist of a home page and at least 2 child pages
2. The Web site must be hosted on the web.
3. Each page of your Web site must satisfy the following requirements:
  1. **Significant textual content** consisting of appropriate content for your audience so that they can understand the meaning and message of this site
  2. *At least* one image that relates to the content of the page
  3. Working links to your two child pages
  4. Be laid out and styled according to your site plan.
  5. Be visually appealing and easily readable


# Web Site Project Due

The project will be due according to the due date on the Calendar. Due to the submission date for the project (near the last day of the semester) late submissions **will not** be accepted. Therefore, if you do not turn in your final project on time, you will automatically fail the course.

## Overall Grading

The final percentage will determine your grade as follows:

- **A** 93.0%-100%
- **A-** 90.0%-92.9%
- **B+** 87.0%-89.9%
- **B** 83.0%-86.9%
- **B-** 80.0%-82.9%
- **C+** 77.0%-79.9%
- **C** 73.0%-76.9%
- **C-** 70.0%-72.9%
- **D+** 67.0%-69.9%
- **D** 63.0%-66.9%
- **D-** 60.0%-62.9%
- **F** below 60%

Grades will be assessed using the [University Grading Guidelines](http://www.byui.edu/student-records/grades/grading-system)  (<http://www.byui.edu/student-records/grades/grading-system>). Remember, completing the bare minimum for an assignment will not earn you an 'A'.

Your final grade in this course will be based on your performance in the following categories:

Homework	
Weekly HTML/CSS draft submissions, Wireframes, etc.	45%
Final Project	
Final Site Plan and web site	40%
Preparation	
Preparation	15%

To see the relative weight of *each* assignment in the course, view the grade book. The grade book is in the upper-left corner of your I-Learn page (parallel to your name in I-Learn).

## Standards

Be responsible for your own education. Take responsibility to complete your homework as assigned. Be prepared to accept the consequences if you do not. It is important that you finish assignments and turn them in on time.

## University Policies

### Students with Disabilities

Brigham Young University-Idaho is committed to providing a working and learning atmosphere that accommodates qualified persons with disabilities. If you have a disability and require accommodations, please contact the [Disability Services Office](#) [↗\(https://www.byui.edu/disability-services\)](https://www.byui.edu/disability-services) at (208) 496-9210 or visit their website and follow the [Steps for Receiving Accommodations](#) [↗\(https://www.byui.edu/disability-services/steps-for-receiving-accommodations\)](https://www.byui.edu/disability-services/steps-for-receiving-accommodations). Reasonable academic accommodations are reviewed for all students who have qualified documented disabilities. Services are coordinated with students and instructors by the Disability Services Office.

This course may require synchronous meetings. If you are currently registered with the Disability Services Office and need an interpreter or transcriber for these meetings, please contact the deaf and hard of hearing coordinator at (208) 496-9219.

### Other University Policies





#### Student Honor and Other Policies



















Please read through the document called [University Policies](#) [↗\(https://content.byui.edu/integ/gen/d24f576f-d34b-47be-a466-d00bd4792fb6/0/universitypolicies.html\)](https://content.byui.edu/integ/gen/d24f576f-d34b-47be-a466-d00bd4792fb6/0/universitypolicies.html). It gives important information about the following topics:

















- Student Honor
  - Academic Honesty
  - Student Conduct
    - Sexual Harassment
- Student with Disabilities
- Complaints and Grievances
- Copyright Notice


















Go to the [Student Resources](#) [↗\(https://byui.instructure.com/courses/264658/modules/3193583\)](https://byui.instructure.com/courses/264658/modules/3193583) module to review further resources and information.

## Course Summary:














Date	Details	Due
Wed Sep 13, 2023	 <a href="#">W01 Quiz: Preparation Materials</a> <a href="https://byui.instructure.com/courses/264658/assignments/11667241">↗(https://byui.instructure.com/courses/264658/assignments/11667241)</a>	due by 11:59pm
	 <a href="#">W01 Quiz: Steps for Success</a> <a href="https://byui.instructure.com/courses/264658/assignments/11667319">↗(https://byui.instructure.com/courses/264658/assignments/11667319)</a>	due by 11:59pm
	 <a href="#">W01 Introduction</a>	to do: 11:59pm
Thu Sep 14, 2023	 <a href="#">W01 Prepare: Editor Installation</a>	to do: 11:59pm




Date	Details	Due
Sat Sep 16, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11667359">W01 Icebreaker: Getting to Know You</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667359">https://byui.instructure.com/courses/264658/assignments/11667359</a> )	due by 11:59pm
	 <a href="#">W01Ponder: HTML Practice</a>	to do: 11:59pm
Tue Sep 19, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11667329">W02 Quiz: Preparation Materials</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667329">https://byui.instructure.com/courses/264658/assignments/11667329</a> )	due by 11:59pm
	 <a href="#">W02 Introduction</a>	to do: 11:59pm
Thu Sep 21, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11667989">W02 Assignment: GitHub Pages Hosting</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667989">https://byui.instructure.com/courses/264658/assignments/11667989</a> )	due by 11:59pm
	 <a href="#">W02 Assignment: CSS Practice</a>	to do: 11:59pm
Sat Sep 23, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11668017">W02 Assignment: Site Planning</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668017">https://byui.instructure.com/courses/264658/assignments/11668017</a> )	due by 11:59pm
Tue Sep 26, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11667335">W03 Quiz: Preparation Materials</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667335">https://byui.instructure.com/courses/264658/assignments/11667335</a> )	due by 11:59pm
	 <a href="#">W03 Introduction</a>	to do: 11:59pm
Thu Sep 28, 2023	 <a href="#">W03 Classes and ID Practice</a>	to do: 11:59pm
	 <a href="#">W03 Frontend Developer</a>	to do: 11:59pm
	 <a href="#">W03 Troubleshooting</a>	to do: 11:59pm
	 <a href="#">W03 Working with Wireframes</a>	to do: 11:59pm
Sat Sep 30, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11668063">W03 Assignment: HTML for the Home Page</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668063">https://byui.instructure.com/courses/264658/assignments/11668063</a> )	due by 11:59pm
Tue Oct 3, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11667297">W04 Quiz: Preparation Materials</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667297">https://byui.instructure.com/courses/264658/assignments/11667297</a> )	due by 11:59pm
	 <a href="#">W04 Introduction</a>	to do: 11:59pm
Thu Oct 5, 2023	 <a href="https://byui.instructure.com/courses/264658/assignments/11668123">W04 Assignment: Backend Developer</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668123">https://byui.instructure.com/courses/264658/assignments/11668123</a> )	due by 11:59pm
	 <a href="#">W04 Block vs. Inline Elements</a>	to do: 11:59pm

Date	Details	Due
	<a href="#">Practice</a>	
	 <a href="#">W04 Challenge</a>	to do: 11:59pm
	 <a href="#">W04 CSS Selectors Practice</a>	to do: 11:59pm
	 <a href="#">W04 Units of Measurement Practice</a>	to do: 11:59pm
Sat Oct 7, 2023	 <a href="#">W04 Assignment: Adding More HTML and CSS</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668093">https://byui.instructure.com/courses/264658/assignments/11668093</a> )	due by 11:59pm
Tue Oct 10, 2023	 <a href="#">W05 Quiz: Preparation Materials</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667269">https://byui.instructure.com/courses/264658/assignments/11667269</a> )	due by 11:59pm
	 <a href="#">W05 Introduction</a>	to do: 11:59pm
Thu Oct 12, 2023	 <a href="#">W05 Box Model Practice</a>	to do: 11:59pm
	 <a href="#">W05 Challenge</a>	to do: 11:59pm
Sat Oct 14, 2023	 <a href="#">W05 Assignment: CSS - Fonts and Spacing</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668149">https://byui.instructure.com/courses/264658/assignments/11668149</a> )	due by 11:59pm
	 <a href="#">W05 Assignment: Personal Website Proposal</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668183">https://byui.instructure.com/courses/264658/assignments/11668183</a> )	due by 11:59pm
	 <a href="#">W05 Student Feedback to Instructor</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668213">https://byui.instructure.com/courses/264658/assignments/11668213</a> )	due by 11:59pm
Tue Oct 17, 2023	 <a href="#">W06 Quiz: Preparation Materials</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667343">https://byui.instructure.com/courses/264658/assignments/11667343</a> )	due by 11:59pm
	 <a href="#">W06 Introduction</a>	to do: 11:59pm
Thu Oct 19, 2023	 <a href="#">W06 Assignment: SEO Specialist</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668341">https://byui.instructure.com/courses/264658/assignments/11668341</a> )	due by 11:59pm
	 <a href="#">W06 Challenge</a>	to do: 11:59pm
Sat Oct 21, 2023	 <a href="#">W06 Assignment: CSS Positioning Practice</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668315">https://byui.instructure.com/courses/264658/assignments/11668315</a> )	due by 11:59pm

Date	Details	Due
Tue Oct 24, 2023	 <a href="#">W07 Introduction</a>	to do: 11:59pm
	 <a href="#">W07 Preparations</a>	to do: 11:59pm
Thu Oct 26, 2023	 <a href="#">W07 Assignment: Grid Alignment</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668355">https://byui.instructure.com/courses/264658/assignments/11668355</a> )	due by 11:59pm
Sat Oct 28, 2023	 <a href="#">W07 Assignment: Home Page Finishing Touches</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668379">https://byui.instructure.com/courses/264658/assignments/11668379</a> )	due by 11:59pm
	 <a href="#">W07 Assignment: Personal Site Plan</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668399">https://byui.instructure.com/courses/264658/assignments/11668399</a> )	due by 11:59pm
Tue Oct 31, 2023	 <a href="#">W08 Introduction</a>	to do: 11:59pm
	 <a href="#">W08 Preparations</a>	to do: 11:59pm
Thu Nov 2, 2023	 <a href="#">W08 Assignment: Wireframes</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668469">https://byui.instructure.com/courses/264658/assignments/11668469</a> )	due by 11:59pm
	 <a href="#">W08 Challenge</a>	to do: 11:59pm
Sat Nov 4, 2023	 <a href="#">W08 Assignment: Personal Site Content</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668419">https://byui.instructure.com/courses/264658/assignments/11668419</a> )	due by 11:59pm
	 <a href="#">W08 Assignment: Rafting site Subpage Wireframe</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668445">https://byui.instructure.com/courses/264658/assignments/11668445</a> )	due by 11:59pm
Tue Nov 7, 2023	 <a href="#">W09 Introduction</a>	to do: 11:59pm
	 <a href="#">W09 Preparations</a>	to do: 11:59pm
Thu Nov 9, 2023	 <a href="#">W09 Challenge</a>	to do: 11:59pm
Sat Nov 11, 2023	 <a href="#">W09 Assignment: Completed Personal Site Plan</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668485">https://byui.instructure.com/courses/264658/assignments/11668485</a> )	due by 11:59pm
	 <a href="#">W09 Assignment: Completed Rafting Site Subpage</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668497">https://byui.instructure.com/courses/264658/assignments/11668497</a> )	due by 11:59pm
Tue Nov 14, 2023	 <a href="#">W10 Introduction</a>	to do: 11:59pm



Date	Details	Due
Thu Nov 16, 2023	 <a href="#">W10 Preparations</a>	to do: 11:59pm
	 <a href="#">W10 Assignment: Careers in Web Design and Development</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668509">https://byui.instructure.com/courses/264658/assignments/11668509</a> )	due by 11:59pm
	 <a href="#">W10 Assignment: HTML Forms</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668521">https://byui.instructure.com/courses/264658/assignments/11668521</a> )	due by 11:59pm
Sat Nov 18, 2023	 <a href="#">W10 Assignment: Personal Site HTML</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668533">https://byui.instructure.com/courses/264658/assignments/11668533</a> )	due by 11:59pm
Tue Nov 21, 2023	 <a href="#">W11 Introduction</a>	to do: 11:59pm
	 <a href="#">W11 Preparations</a>	to do: 11:59pm
Thu Nov 23, 2023	 <a href="#">W11 Assignment: Layout Revisited</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668545">https://byui.instructure.com/courses/264658/assignments/11668545</a> )	due by 11:59pm
Sat Nov 25, 2023	 <a href="#">W11 Assignment: Personal Site Home Page</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668551">https://byui.instructure.com/courses/264658/assignments/11668551</a> )	due by 11:59pm
Tue Nov 28, 2023	 <a href="#">W12 Quiz: LDS Online Responsibilities</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11667345">https://byui.instructure.com/courses/264658/assignments/11667345</a> )	due by 11:59pm
	 <a href="#">W12 Introduction</a>	to do: 11:59pm
	 <a href="#">W12 Preparations</a>	to do: 11:59pm
Thu Nov 30, 2023	 <a href="#">W12 Assignment: A Web Component</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668557">https://byui.instructure.com/courses/264658/assignments/11668557</a> )	due by 11:59pm
Sat Dec 2, 2023	 <a href="#">W12 Assignment: Personal Site Subpage 1</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668563">https://byui.instructure.com/courses/264658/assignments/11668563</a> )	due by 11:59pm
Sat Dec 9, 2023	 <a href="#">W13 Assignment: Personal Site Subpage 2</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668569">https://byui.instructure.com/courses/264658/assignments/11668569</a> )	due by 11:59pm
	 <a href="#">W13 Introduction</a>	to do: 11:59pm
Wed Dec 13, 2023	 <a href="#">W13 End-of-Course Evaluation</a> ( <a href="https://byui.instructure.com/courses/264658/assignments/11668575">https://byui.instructure.com/courses/264658/assignments/11668575</a> )	due by 11:59pm

Date	Details	Due
	<div>  <a href="#">W14 Prove Assignment: Final Web Site</a>  <a href="https://byui.instructure.com/courses/264658/assignments/11668581">.https://byui.instructure.com/courses/264658/assignments/11668581</a> </div>	due by 11:59pm
	<div>  <a href="#">W14 Prove Assignment: Final Website Report</a>  <a href="https://byui.instructure.com/courses/264658/assignments/11668585">.https://byui.instructure.com/courses/264658/assignments/11668585</a> </div>	due by 11:59pm
	<div>  <a href="#">W14 Introduction</a> </div>	to do: 11:59pm