

# Course Syllabus

## Overview


This course builds on prior experience in Web Fundamentals and programming. Students will learn how to create dynamic websites that use JavaScript to respond to events, update content, and create responsive user experiences.

This is a 2 credit course.

## Requirements

### Prerequisites

Students must complete WDD 130 and CSE 110 prior to enrolling in this course.

Visit [Software/Hardware for ITM & WDD Courses](https://www.byui.edu/computer-science-engineering/student-resources/hardware-and-software)  (<https://www.byui.edu/computer-science-engineering/student-resources/hardware-and-software>) to see the minimum hardware requirements for WDD courses.

## Required Resources

The content required to complete the coursework in WDD 131 is published by the CSE Department and is freely accessible in the course.

## Proctored Exams and Assessments

This course is project-based and does not include traditional final exams.

## Structure

### Course Outcomes

1. Develop Valid HTML and CSS that follow best practices.
2. Demonstrate proficiency with JavaScript language syntax.
3. Use JavaScript to respond to events and dynamically modify HTML.
4. Develop responsive web pages.
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.

Major Assignment	Description	Course Outcome #
W02 Prove: Mission Statement II	Create a page that replicates the content, color, and styling of a BYU-Idaho Mission Statement document using HTML, CSS, and JavaScript.	1, 2
W04 Prove: Cool Pics II	Create a responsive page that includes a functional menu, viewing template, and modal viewer with event handling.	1, 2, 4
W06 Prove: Build a Blog II	Create a blog page that includes article styling, automated markup generation with JavaScript, and data modification functionality.	1, 2, 3
W07 Prove: Credit Card Form	Create a page that includes a functional form with CSS grid implementation and HTML validation.	1, 2, 3
W08 Prove: Character Card	Create a page that includes a card with dynamic data from object properties and functionality from the object methods.	1, 2, 3
W10 Prove: Recipe Book II	Create a page that includes dynamic template functions, random article return, and article filtering.	1, 2, 3, 4
W11 Prove: Personal Site Plan	Compose a plan for completing a personal site project given a specific set of criteria.	5
W12 Prove: Instructor Conference	Meet with your instructor to discuss your progress on your personal site project.	5
W13 Prove: Personal Site Project	Create a multi-page site that includes a home page, child page, text and image content. The site must be responsive, include dynamic functionality, and be accessible.	1, 2, 3, 4

## Weekly Patterns

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

Due Date*	Learning Model	Activity Title	Description
Midweek	Prepare	Prepare Assignment	Students hold a "conversation" with their choice of LLM AI's about topics provided to them. These topics include suggested questions to ask the AI. Students may also read our slide topics pages to prepare as well. Students will take a quiz in class covering these topics.
Last class day of week	Ponder	Ponder Assignment 1	Students will complete a task or exercise that requires them to stretch their thinking to apply the weekly topics and principles.
End of Week	Prove	Prove Assignment	Students work on a project that requires them to apply the skills they have studied and practiced. Students will submit a link of their work from their GitHub repository.

## Learning Model

Students prepare by studying assigned topics. They teach one another through participation in the classroom. They ponder by completing stretch activities and prove by completing assigned projects.

## Expectations

### Feedback

You can expect to receive grades and feedback within 7 days of the due date for all assignments.

### Attendance

Attendance in class is required for both days of the week. It is the only way to get points for ponders and quizzes as well - 30% of your grade

### Workload

This is a 2 credit course. If you are taking the semester version, you should expect to spend 6 hours per week on it, or 12 hours if you are taking the block version.

### Group Work

The assignments for this course should all be completed by you, individually. However, you are always encouraged to form learning teams where you can discuss the assignments and help each other.

## Late Work

As a sign of professionalism and respect, you should complete your work on time. You will have points deducted from assignments that are late. However, your instructor has the discretion to accept late work or extend due dates as deemed appropriate. Don't plan on submitting anything two weeks after the due date you won't get any points submitting them that late,

## Retries

Whether an assignment can have a retry is at the discretion of your instructor. It is generally not allowed.

## Extra Credit

There is no built-in extra credit in this course.


## Grading Scale

Letter Grade	Percent
A	100% - 93%
A-	92% - 90%
B+	89% - 87%
B	86% - 83%
B-	82% - 80%
C+	79% - 77%
C	76% - 73%
C-	72% - 70%
D+	69% - 67%
D	66% - 63%

Letter Grade	Percent
D-	62% - 60%
F	59% and lower

## University Policies

### CSE Department Policy on Generative AI Use

Please review the [department policy](https://byui-cse.github.io/departments/student-resources/generative-ai/generative-ai-policy.html)  (<https://byui-cse.github.io/departments/student-resources/generative-ai/generative-ai-policy.html>) on the use of Generative AI in CSE courses.


## Personal Challenges

As a faculty member, I am committed to creating a learning environment that supports the well-being and development of all students. If you are experiencing stressors or situations that impact your academic experience or personal wellness, seeking professional help may be an important step for you to take. The following resources are available to support you and your well-being at the university:

1. **Dean of Students Office:** a central place for students to seek support in navigating personal challenges. 290 Kimball Building, 208-496-9200
2. **Counseling Center:** licensed counselors who assist students in identifying and resolving emotional, mental, and interpersonal problems. Student Health Center 200, 208-496-9370
3. **9-8-8 Suicide & Crisis Hotline:** Available 24/7 by call or text message, the 988 hotline connects you to a trained crisis counselor who provides free and confidential emotional support and crisis counseling to people in suicidal crisis or emotional distress and connects them to resources.

If you experience a crisis, I encourage you to reach out to me so we can discuss ways for you to be successful in my course.

## Accommodations for Students with Disabilities

Brigham Young University-Idaho is committed to providing a working and learning atmosphere that accommodates qualified persons with disabilities. Reasonable academic accommodations are reviewed for all students who have qualified documented disabilities. The Accessibility Services Office coordinates services with the students and instructors. More information is available at [www.byui.edu/accessibility-services/](http://www.byui.edu/accessibility-services/)  (<https://www.byui.edu/dean-of-students/www.byui.edu/accessibility-services/>).









## Addressing Sexual Harassment













BYU-Idaho prohibits sex discrimination by its employees and students in all its education programs or activities. This includes all forms of sexual harassment, such as sexual assault, dating violence, domestic violence, stalking and other forms of unwelcome sexual conduct.

As an instructor, one of my responsibilities is to help create a safe learning environment for my students. University policy requires deans and department chairs, and encourages all faculty, to report every incident of sexual harassment that comes to their attention. If you experience sexual harassment or are concerned for the safety of others, please contact the Title IX Coordinator at [titleix@byui.edu](mailto:titleix@byui.edu) (<mailto:titleix@byui.edu>) or 208-496-9209. More information is available at [BYU-Idaho Title IX](https://www.byui.edu/titleix) [↗](https://www.byui.edu/titleix) (<https://www.byui.edu/titleix>).

Go to the [Student Resources \(https://byui.instructure.com/courses/355542/modules/4230553\)](https://byui.instructure.com/courses/355542/modules/4230553) module to review further resources and information.














## Course Summary:



Date	Details	Due
Wed Sep 17, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498165">W01 - Ponder: JS Variables and Constants</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498165">(https://byui.instructure.com/courses/355542/assignments/15498165)</a>	
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498167">W01 - Ponder: Meta Tags and CSS Selectors</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498167">(https://byui.instructure.com/courses/355542/assignments/15498167)</a>	
Sat Sep 20, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498169">W01 CSS Practice</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498169">(https://byui.instructure.com/courses/355542/assignments/15498169)</a>	
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498171">W01 Prepare</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498171">(https://byui.instructure.com/courses/355542/assignments/15498171)</a>	
Mon Sep 22, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498173">W01 Prove: Mission Statement part 1</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498173">(https://byui.instructure.com/courses/355542/assignments/15498173)</a>	
Wed Sep 24, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498149">W02 Prepare</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498149">(https://byui.instructure.com/courses/355542/assignments/15498149)</a>	
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498149">W02 DOM &amp; JavaScript Quiz</a>	due by 12:30pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498149">(https://byui.instructure.com/courses/355542/assignments/15498149)</a>	
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498175">W02 Ponder: Computational Thinking</a>	due by 11:59pm
	<a href="https://byui.instructure.com/courses/355542/assignments/15498175">(https://byui.instructure.com/courses/355542/assignments/15498175)</a>	

Date	Details	Due
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498177">W02 Ponder: DOM Basics</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498177">https://byui.instructure.com/courses/355542/assignments/15498177</a> )	due by 11:59pm
Sat Sep 27, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498181">W02 Prove: Mission Statement part 2</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498181">https://byui.instructure.com/courses/355542/assignments/15498181</a> )	due by 11:59pm
Mon Sep 29, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498239">W11: Instructor Consult</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498239">https://byui.instructure.com/courses/355542/assignments/15498239</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498185">W03 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498185">https://byui.instructure.com/courses/355542/assignments/15498185</a> )	due by 11:59pm
Wed Oct 1, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498147">W03 Mobile First, Media Queries, Reset/Normalize Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498147">https://byui.instructure.com/courses/355542/assignments/15498147</a> )	due by 12:30pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498183">W03 Ponder: Responsive Design</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498183">https://byui.instructure.com/courses/355542/assignments/15498183</a> )	due by 11:59pm
Sat Oct 4, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498187">W03 Prove: Cool Pics part 1</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498187">https://byui.instructure.com/courses/355542/assignments/15498187</a> )	due by 11:59pm
Mon Oct 6, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498193">W04 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498193">https://byui.instructure.com/courses/355542/assignments/15498193</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498151">W04 Functions, Conditionals, and Events Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498151">https://byui.instructure.com/courses/355542/assignments/15498151</a> )	due by 12:30pm
Wed Oct 8, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498189">W04 Ponder: Responsive Gallery with Modals</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498189">https://byui.instructure.com/courses/355542/assignments/15498189</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498191">W04 Ponder: Responsive Menu</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498191">https://byui.instructure.com/courses/355542/assignments/15498191</a> )	due by 11:59pm
Sat Oct 11, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498195">W04 Prove: Cool Pics part 2</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498195">https://byui.instructure.com/courses/355542/assignments/15498195</a> )	due by 11:59pm

Date	Details	Due
Mon Oct 13, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498199">W05 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498199">https://byui.instructure.com/courses/355542/assignments/15498199</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498157">W05 Accessibility Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498157">https://byui.instructure.com/courses/355542/assignments/15498157</a> )	due by 12:30pm
Wed Oct 15, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498197">W05 Ponder: Accessibility and Design</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498197">https://byui.instructure.com/courses/355542/assignments/15498197</a> )	due by 11:59pm
Sat Oct 18, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498201">W05 Prove: Build a Blog part 1</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498201">https://byui.instructure.com/courses/355542/assignments/15498201</a> )	due by 11:59pm
Mon Oct 20, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498207">W06 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498207">https://byui.instructure.com/courses/355542/assignments/15498207</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498159">W06 Arrays &amp; Array Methods Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498159">https://byui.instructure.com/courses/355542/assignments/15498159</a> )	due by 12:30pm
Wed Oct 22, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498203">W06 Ponder: Array Methods</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498203">https://byui.instructure.com/courses/355542/assignments/15498203</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498205">W06 Ponder: Dynamic Content</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498205">https://byui.instructure.com/courses/355542/assignments/15498205</a> )	due by 11:59pm
Sat Oct 25, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498209">W06 Prove: Build a Blog part 2</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498209">https://byui.instructure.com/courses/355542/assignments/15498209</a> )	due by 11:59pm
Mon Oct 27, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498213">W07 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498213">https://byui.instructure.com/courses/355542/assignments/15498213</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498145">W07 Forms Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498145">https://byui.instructure.com/courses/355542/assignments/15498145</a> )	due by 12:30pm
Wed Oct 29, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498211">W07 Ponder: Working with Forms</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498211">https://byui.instructure.com/courses/355542/assignments/15498211</a> )	due by 11:59pm
Sat Nov 1, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498215">W07 Prove: Credit Card Form</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498215">https://byui.instructure.com/courses/355542/assignments/15498215</a> )	due by 11:59pm



Date	Details	Due
Mon Nov 3, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498219">W08 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498219">https://byui.instructure.com/courses/355542/assignments/15498219</a> )	due by 11:59pm
Wed Nov 5, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498161">W08 Objects Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498161">https://byui.instructure.com/courses/355542/assignments/15498161</a> )	due by 12:30pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498217">W08 Ponder: JS Objects</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498217">https://byui.instructure.com/courses/355542/assignments/15498217</a> )	due by 11:59pm
Sat Nov 8, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498221">W08 Prove: Character Card</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498221">https://byui.instructure.com/courses/355542/assignments/15498221</a> )	due by 11:59pm
Mon Nov 10, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498227">W09 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498227">https://byui.instructure.com/courses/355542/assignments/15498227</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498155">W09 Flexbox Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498155">https://byui.instructure.com/courses/355542/assignments/15498155</a> )	due by 12:30pm
Wed Nov 12, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498225">W09 Ponder: Flexbox exercises</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498225">https://byui.instructure.com/courses/355542/assignments/15498225</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498223">W09 Ponder: Flexbox Froggy</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498223">https://byui.instructure.com/courses/355542/assignments/15498223</a> )	due by 11:59pm
Sat Nov 15, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498229">W09 Prove: Recipe Book part 1</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498229">https://byui.instructure.com/courses/355542/assignments/15498229</a> )	due by 11:59pm
Mon Nov 17, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498233">W10 Prepare</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498233">https://byui.instructure.com/courses/355542/assignments/15498233</a> )	due by 11:59pm
	 <a href="https://byui.instructure.com/courses/355542/assignments/15498153">W10 Sorting Quiz</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498153">https://byui.instructure.com/courses/355542/assignments/15498153</a> )	due by 12:30pm
Wed Nov 19, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498231">W10 Ponder: Sorting and Filtering</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498231">https://byui.instructure.com/courses/355542/assignments/15498231</a> )	due by 11:59pm
Sat Nov 22, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498235">W10 Prove: Recipe Book part 2</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498235">https://byui.instructure.com/courses/355542/assignments/15498235</a> )	due by 11:59pm

Date	Details	Due
Sat Nov 29, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498237">W11 Personal Project Site Plan</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498237">https://byui.instructure.com/courses/355542/assignments/15498237</a> )	due by 11:59pm
Sat Dec 13, 2025	 <a href="https://byui.instructure.com/courses/355542/assignments/15498163">Personal Project</a> ( <a href="https://byui.instructure.com/courses/355542/assignments/15498163">https://byui.instructure.com/courses/355542/assignments/15498163</a> )	due by 11:59pm

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