

Critical Path

Web Development 1 – Front-end (HTML/CSS)

HTTP 5111, Fall 2023

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The Critical Path is the course schedule. It is an important document that lays out weekly objectives that you are responsible for to ensure academic success. Print out a copy of the Critical Path and refer to it regularly.

Module Breakdown

Week	Topics, Readings, and Activities	Due Dates	Weight
1	Module 1: Intro to HTML Topics: <ul style="list-style-type: none">HTML structure and important tagsHTML lists and tables Readings: <ul style="list-style-type: none">Provided by instructor Activities: <ul style="list-style-type: none">Course introductory meetingLab 1 (3%)	Sep. 5	3%
2	Module 1: Intro to HTML Topics: <ul style="list-style-type: none">HTML forms		2%

Week	Topics, Readings, and Activities	Due Dates	Weight
	<ul style="list-style-type: none"> HTML semantic layout tags <p>Readings:</p> <ul style="list-style-type: none"> Provided by instructor <p>Activities:</p> <ul style="list-style-type: none"> Lab 2 (2%) 	Sep. 12	
3	<p>Module 2: Intro to CSS</p> <p>Topics:</p> <ul style="list-style-type: none"> CSS box model Basic CSS properties CSS reset <p>Readings:</p> <ul style="list-style-type: none"> Provided by instructor <p>Activities:</p> <ul style="list-style-type: none"> Lab 3 (3%) 	Sep. 19	3%
4	<p>Module 2: Intro to CSS</p> <p>Topics:</p> <ul style="list-style-type: none"> Intro to flexbox Build a basic flexbox layout <p>Readings:</p> <ul style="list-style-type: none"> Provided by instructor 		3%

Week	Topics, Readings, and Activities	Due Dates	Weight
	Activities: <ul style="list-style-type: none"> Lab 4 (3%) 	Sep. 26	
5	Module 2: Intro to CSS Topics: <ul style="list-style-type: none"> Basic CSS dropdown menus Add webfonts to your page Readings: <ul style="list-style-type: none"> Provided by instructor Activities: <ul style="list-style-type: none"> In-class exercise Assignment 1 (5%) 	Oct. 4	5%
6	Module 3: Mockup to HTML Topics: <ul style="list-style-type: none"> Figma mockup Readings: <ul style="list-style-type: none"> Provided by instructor Activities: <ul style="list-style-type: none"> Lab 5 (2%) 	Oct. 10	2%
7	Module 3: Mockup to HTML		3%

Week	Topics, Readings, and Activities	Due Dates	Weight
	Topics: <ul style="list-style-type: none"> Building HTML/CSS page from a mockup Readings: <ul style="list-style-type: none"> Provided by instructor Activities: <ul style="list-style-type: none"> Lab 6 (3%) 	Oct. 18	
	READING WEEK		
8	Module 4: Responsive Web Design Topics: <ul style="list-style-type: none"> CSS Media queries Basic responsive strategies Readings: <ul style="list-style-type: none"> Provided by instructor Activities: <ul style="list-style-type: none"> Lab 7 (3%) 	Oct. 31	3%
9	Module 4: Responsive Web Design Topics: <ul style="list-style-type: none"> More responsive strategies and other extras 		5%

Week	Topics, Readings, and Activities	Due Dates	Weight
	Readings: <ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • In-class exercise • Assignment 2 (5%) 	Nov. 7	
10	Module 5: CSS Grid Topics: <ul style="list-style-type: none"> • CSS grid Readings: <ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • In-class exercise 		
11	Module 6: CSS animations Topics: <ul style="list-style-type: none"> • CSS transitions and transforms Readings: <ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • Lab 8 (2%) • Assignment 3 (7%) 	Nov. 21 Nov. 22	9%

Week	Topics, Readings, and Activities	Due Dates	Weight
12	Module 6: CSS animations Topics: <ul style="list-style-type: none"> • CSS keyframe animations Readings: <ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • Lab 9 (2%) • Project checkpoint (1%) 	Nov. 28 Nov. 28	3%
13	Module 7: CSS Frameworks Topics: <ul style="list-style-type: none"> • Try out CSS frameworks Readings: <ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • In-class exercise 		
14	Module 8: CSS Preprocessors Topics: <ul style="list-style-type: none"> • Intro to Sass Readings:		9%

Week	Topics, Readings, and Activities	Due Dates	Weight
	<ul style="list-style-type: none"> • Provided by instructor Activities: <ul style="list-style-type: none"> • In-class exercise • Project (9%) 	Dec. 13	

Summary of Graded Course Components

Summary	Weight
Total for Labs (9)	23%
Total for Assignments (3)	17%
Total for Projects (1)	10%
Total	50%