

HTTP Critical Path

Front-end Web Development

HTTP 5122 Fall 2024

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

Module Breakdown

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
1	LABOUR DAY MONDAY (no classes today)		
2	Module 1: Programming Fundamentals Topics: <ul style="list-style-type: none"> Variables Arithmetic operators Data types Commenting Activities: <ul style="list-style-type: none"> Lab Exercise 1 (2%) 	Sep 9	2%
3	Module 1: Programming Fundamentals Topics: <ul style="list-style-type: none"> Control structures (if/else and switch) Logical and assignment operators confirm() and prompt() Activities: <ul style="list-style-type: none"> Lab Exercise 2 (3%) Assignment 1 (6%) 	Sep 16 Sep 20	3% 6%
4	Module 1: Programming Fundamentals Topics:	Sep 23	4%

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
	<ul style="list-style-type: none"> Arrays Loops Activities: <ul style="list-style-type: none"> Lab Exercise 3 (4%) Assignment 2 (7%) 	Sep 27	7%
5	Module 1: Programming Fundamentals Topics: <ul style="list-style-type: none"> Functions Scope Pet Projects Activities: <ul style="list-style-type: none"> Lab Exercise 4 (4%) Pet Project Pitch (3%) Pet Project Figma Mockup (4%) Pet Project Final Submission (17%) 	Sep 30 Oct 18 Nov 8 Dec 13	4% 3% 4% 17%
6	Module 1: Programming Fundamentals Topics: <ul style="list-style-type: none"> Objects Activities: <ul style="list-style-type: none"> Lab Exercise 5 (4%) Assignment 3 (7%) 	Oct 7 Oct 11	4% 7%
7	HOLIDAY MONDAY (no classes today)		
	READING WEEK (no classes this week)		
8	Module 2: DOM Programming Topics: <ul style="list-style-type: none"> The Document Object Model Events 	Oct 28	4%

Week	Topics, Readings, and Activities	Due ONA / ONB	Weight
	Activities: <ul style="list-style-type: none"> Lab Exercise 6 (4%) 		
9	Module 2: DOM Programming Topics: <ul style="list-style-type: none"> Handling forms Activities: <ul style="list-style-type: none"> Lab Exercise 7 (4%) Assignment 4 (10%) 	Nov 4 Nov 11	4% 10%
10	Module 4: Special DOM Objects Topics: <ul style="list-style-type: none"> Math object Date object Timers Activities: <ul style="list-style-type: none"> Lab Exercise 8 (4%) 	Nov 11	4%
11	Module 4: Special DOM Objects Topics: <ul style="list-style-type: none"> XMLHttpRequest() Cookies localStorage Activities: <ul style="list-style-type: none"> Lab Exercise 9 (4%) 	Nov 18	4%
12	Module 5: JavaScript Libraries & APIs Topics: <ul style="list-style-type: none"> Accessing external data through web APIs Activities: <ul style="list-style-type: none"> Lab Exercise 10 (2%) 	Nov 25 Dec 9	2% 9%

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
	Assignment 5 (9%)		
13	Module 5: JavaScript Libraries & APIs Topics: <ul style="list-style-type: none"> jQuery Activities: <ul style="list-style-type: none"> Lab Exercise 11 (2%) 	Dec 2	2%
14	Module 5: JavaScript Libraries & APIs Topics: <ul style="list-style-type: none"> Alternate strategies for accessing external data through web APIs 		

Summary of Graded Course Components

Summary	Weight
Total for all Lab Exercises (x11)	37%
Total for all Assignments (x5)	39%
Total for all Projects (x3 components)	24%
Total	100%