HTTP Critical Path
Front-end Web Development
HTTP 5122 Fall 2025

Instructor: Sean Doyle sean.doyle@humber.ca

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:** • Variables • Arithmetic operators • Data types • Commenting **Activities:** • Lab Exercise 1 (1%)	Sep 8	1%
3	**Module 1: Programming Fundamentals** **Topics:** • Control structures (if/else and switch) • Logical and assignment operators • confirm() and prompt() **Activities:** • Lab Exercise 2 (3%) • Assignment 1 (7%)	Sep 15 Sep 19	3% 7%
4	**Module 1: Programming Fundamentals** **Topics:**	Sep 22	3%

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
	• Arrays • Loops **Activities:** • Lab Exercise 3 (3%) • Assignment 2 (8%)	Sep 26	8%
5	**Module 1: Programming Fundamentals** **Topics:** • Functions • Scope • Pet Projects **Activities:** • Lab Exercise 4 (3%) • Pet Project Pitch (4%) • Pet Project Figma Mockup (5%) • Pet Project Final Submission (17%)	Sep 29 Oct 17 Nov 7 Dec 12	3% 4% 5% 17%
6	**Module 1: Programming Fundamentals** **Topics:** • Objects **Activities:** • Lab Exercise 5 (3%) • Assignment 3 (9%)	Oct 6 Oct 10	3% 9%
7	**HOLIDAY MONDAY (no classes today)** **READING WEEK (no classes this week)**		
8	**Module 2: DOM Programming** **Topics:** • The Document Object Model • Events	Oct 27	3%

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
	Activities: • Lab Exercise 6 (3%)		
9	**Module 2: DOM Programming** **Topics:** • Handling forms **Activities:** • Lab Exercise 7 (4%) • Assignment 4 (10%)	Nov 3 Nov 10	4% 10%
10	**Module 4: Special DOM Objects** **Topics:** • Math object • Date object • Timers **Activities:** • Lab Exercise 8 (3%)	Nov 10	3%
11	**Module 4: Special DOM Objects** **Topics:** • XMLHttpRequest() • Cookies • localStorage **Activities:** • Lab Exercise 9 (3%)	Nov 17	3%
12	**Module 5: JavaScript Libraries & APIs** **Topics:** • Accessing external data through web APIs **Activities:** • Lab Exercise 10 (2%)	Nov 24 Dec 8	2% 10%

Week	Topics, Readings, and Activities	Due 0NA / 0NB	Weight
	Assignment 5 (10%)		
13	**Module 5: JavaScript Libraries & APIs** **Topics:** • jQuery **Activities:** • Lab Exercise 11 (2%)	Dec 1	2%
14	**Module 5: JavaScript Libraries & APIs** **Topics:** • Alternate strategies for accessing external data through web APIs		

Summary of Graded Course Components

Summary	Weight
Total for all Lab Exercises (x11)	30%
Total for all Assignments (x5)	44%
Total for all Projects (x3 components)	26%
Total	100%