Interface Design Using CSS

Semester: **Winter 2025**

Course Information

Course: COMP	Course Code: 1054
Course Delivery Mode: Hybrid	

Instructor Information

Professor's Name:	Jeremy McCulley	Email	Jeremy.mcculley@georgiancollege.ca
Office Hours:	**Appointment**	**Classroom:**	**BA K326**
Phone:	**N/A**	**Class Times:**	**8am – 10:50am**

General Information

Course Description:	Design principles meet Web standards and aesthetic challenges in this practical interface design course. Topics covered include design theory, advanced CSS selectors, CSS normalization, page layout techniques, interactive interface elements, colour theory / application, typography, and a variety of CSS-based effects. Responsive design fundamentals that address a variety of screen-rendering contexts are also addressed.
Course Resources:	Online resources and code resources will be provided.

	Learning Outcomes:	1. Apply standards-based and accessible HTML and CSS techniques to produce a variety of web page layouts.
		2. Implement appropriate elements of user-interface design specific to Web sites and applications.
		3. Control the display and flow of text using appropriate typefaces.
		4. Construct CSS rules to control positioning, dimensions, colours, background images, interaction, and other properties of Web page elements.
		5. Explain the various components and syntax of a valid CSS rule.
		6. Design responsive user interfaces that adapt to a variety of devices and platforms.

Evaluation

Type		Learning Outcome	Marks
1	Assignment One	Accessibility, Interface Design	5%
2	Assignment Two	HTML sectioning & typography	10%
3	Assignment Three	HTML sectioning, typography & interface components	12.5%
4	Assignment Four	HTML sectioning, typography, interface components & Enhancements	12.5%
5	Project	This will cover all material delivered over the semester.	30%
6	Exam 1	This will cover the first half of the semester.	15%
7	Exam 2	This will cover all material delivered over the semester.	15%
Total			100%

Schedule of Activities

Week	Content/Topic	Assessment/Activities	Due
Jan 8	Course overview, building smarter selectors, wireframes	Assignment 1	
Jan 15	Typography and working with colors	Assignment 2	Assignment 1
Jan 22	Working with media		

Jan 29	Layouts using CSS Grid & Flexbox		Assignment 2
Feb 5	Interface Components Part 1	Project Assignment 3	
Feb 12	Interface Components Part 2		
Feb 19	Enhancements & Effects Part 1		Assignment 3
	Study Week		
Mar 5	Exam 1	Exam	Exam
Mar 12	Enhancements & Effects Part 2	Assignment 4	
Mar 19	Creating adaptive design strategies for smaller viewports and touch displays		
Mar 26	Forms: Creating user friendly & attractive HTML forms		Assignment 4
Apr 2	Semester Review		Project
	No Class		
Apr 16	Exam 2	Exam	Exam

Additional Information

Late Work

All assignments are planned and scheduled to provide adequate completion time. Help is often available. Assignments must be submitted by 11:59 pm on their due dates. Late submissions will receive a grade reduction of 20% per calendar day past the due date. Requests for adjustments can be made but should be made at least one week in advance and must be approved by the instructor. Failure to do so will result in a mark of zero unless an illness / emergency can be proven with appropriate documentation at no cost to the College. There are no make-up assignments, nor can late assignments be submitted for grades at the end of the term.

Unless otherwise specified, all work should be your own individual work. Make sure you understand the academic policies and procedures as detailed at HERE. Pay special attention to warnings about cheating, plagiarism, and acceptable use of college computer resources. The minimum penalty for Academic Misconduct is a grade of zero on the assignment involved. Work is checked thoroughly for authenticity in this course and may also be subject to a code review at the instructor's discretion. Code reviews require the student to have their web camera and microphone enabled and always functioning.

Missed Tests

Tests and exams must be written at the time scheduled. Only documented medical/family emergencies or conflicting religious observance schedules are grounds for special consideration. Requests for an adjustment to a prescribed exam or test date must be made before the exam or test date.

Important Links for Students

[Academic Rights and Responsibilities](#)

[Academic Honesty](#)

[Appeal Process](#)