



CAMOSUN COLLEGE
Trades and Technology
Computer Science

ICS 128
Web Scripting
Winter Term 2023

COURSE OUTLINE

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

(a) Instructor	Joe Nelson
(b) Office hours	Please See Schedule
(c) Location	Tec170
(d) E-mail	NelsonJ@camosun.bc.ca

2. Intended Learning Outcomes

For this course, students will analyze, build and test interactive web pages using current browser scripting languages and environments through hands-on projects. You will apply data validation techniques with scripting languages as an introduction to data security.

3. Required Materials

Students will use a IDE of their choice. I will use Webstorm by JetBrains in class.

4. Course Content and Schedule

See Course Schedule (Last Page of this Document).

5. Basis of Student Assessment (Weighting)

- (a) Quizzes
10% of grade. There will be 4 quizzes throughout the term

- (b) Labs
45% of grade - not every module has an associated lab assignment (9 labs so approx..
5% each)
Due as per the lab instructions.
Must complete EVERY LAB to pass this course.

- (c) Midterm Exam
20% of grade.

- (d) Final Project
25% of grade
Late Projects will not be accepted unless previously arranged.
Must achieve a minimum average of 55% on the Final project to pass and 60% overall.

6. Grading System

Standard Grading System (GPA)

7. Recommended Materials to Assist Students to Succeed Throughout the Course

Materials on the D2L course page: presentation slides for lectures, lab assignment instructions for labs, etc...

Other online resources we will use Heavily:

<https://www.w3schools.com>

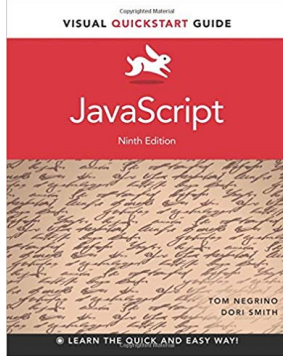
<https://developer.mozilla.org/en-US/docs/Web/JavaScript>

Recommended Textbooks (also relevant for ICS 199):

JavaScript: Visual Quickstart Guide (9th Edition), Dori Smith, Tom Negrino

ISBN-13: 978-0321996701

ISBN-10: 0321996704



Course notes will be provided in the form of printed Microsoft PowerPoint slides.

Take your own notes!

8. College Supports, Services and Policies



Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @

<http://camosun.ca/about/mental-health/emergency.html> or

<http://camosun.ca/services/sexual-violence/get-support.html#urgent>

Department Policies:

Grade review: You have 7 days after marks are posted to review with your instructor.

Academic Dishonesty:

1st violation: minus the weight of the deliverable and a note on your departmental file.

2nd violation: F in the course

3rd violation: Student Conduct [Policy](#) E-2.5 is applied

Academic Honesty Policy

All students are expected to adhere to the highest possible ethical standards in all aspects of their work. Each student should be completely responsible for his or her own work.

These guidelines concern the type of fraud where a student presents, as his/her own, the work

of another individual, or where a student allows another student to do so.

Students are encouraged to study together, to help each other learn concepts and practical tools. Both the student who helps another and the student who is helped benefit from the process. Working together is formally encouraged in certain courses by having group assignments. You may seek other students' advice in debugging your program code. However, that assistance should be limited to determining what is wrong with your program or work rather than rewriting large sections of it for you.

The sharing of lab work electronically or by other means is considered fraud unless specifically approved by the Instructor in advance. This includes obtaining code or other materials by methods such as undeleting files or retrieving discarded printouts. It is at the Instructor's discretion to determine if two assignment or exams are sufficiently similar to be considered shared work.

In the case of fraud, action will be taken commensurate with the severity of the case. Actions taken will be one of: no marks for the piece of work; failure in the course; or, in repeated case, expulsion from the College. In serious cases, the action taken will be determined by the Computer Science Department Student Review committee in consultation with the course Instructor.

There is an appeal procedure outlined in the Camosun College Calendar.

Missed Examinations/Quizzes: If a student misses a quiz or an exam, a mark of zero will be assigned unless there are extenuating circumstances. In such cases, the proportion of grade assigned to the missed quiz or exam will be added to the proportion assigned to the final exam. NO consideration will be given to any student wishing to write an exam/quiz at any other time than that assigned exam time.

Electronic Devices: The school's policy regarding electronic devices is that any student who has a cell phone or other unauthorized electronic device (ie. ipad, laptop, playbook, etc.) on their person or around their desk during an exam will be guilty of cheating and will a grade of "F" for the course.

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning

Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://www.camosun.bc.ca/policies/policies.php>

The following two grading systems are used at Camosun College:

1. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://www.camosun.bc.ca/policies/E-1.5.pdf> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

Changes to this Syllabus:

Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

Tentative Schedule, Subject to Change

Lectures and Labs will be pushed to different days as needed.

Week	Topics	Labs
1	Course Outline, Introduction, logistics ICS 128 html review intro to JS	No Labs This Week
2	QUIZ! Intro to JS: primitives, variables, objects. Arithmetic operators, typecasting, comparisons, conditionals.	Lab 1 – Intro to JS – Setting up Environment
3	Conditional Iteration, Working with functions	Lab 2 – Using Conditional & Iterative statements
4	JS Math, dates, error handling, scope, timers and arrays	Lab 3 – Using Functions, Dates and Error Handling
5	Quiz! DOM events, expressions, Intro to ES6	Lab 4 – Looping through Arrays & DOM
6	READING BREAK - NO CLASSES	READING BREAK - NO CLASSES
7	JavaScript ES6 - template literals, working with classes	Lab 5 –Building a Login w/ Regular expressions
8	Midterm Week JavaScript ES6 - destructuring arrays and objects async/await	Lab 6: ES6 – Building a hotel & Booking System Classes and Objects
9	Jquery Intro + Events + Effects jQuery - working with collections (navigating the DOM) jQuery - working with properties and attributes jQuery - working with data	Lab 7- Build a Quiz- jQuery, Timers, Events
10	Quiz! Jquery Ui Basics Intro to AJAX, Intro to JSON	Lab 8- Build a Booking Widget
11	Using Fetch, API Call, Parsing Json Data.	Lab 09- Build a Hotel Website using Modules Created
12	Quiz #4 Final Project Release	
13		
14	Course Review, Final Project Due	