



CAMOSUN COLLEGE
School of Trades and Technology
Computer Science Department

ICS 290 – Capstone
Summer 2020

COURSE OUTLINE

The calendar description is available on the web @ camosun.ca/learn/calendar/current/web/ICS.html

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	Saryta Schaerer / Ben Leather Doug Greening / Jonas Bambi
(b) Office hours	As needed
(c) Location	
(d) Phone	Alternative:
(e) E-mail	schaerer@camosun.bc.ca / leatherb@camosun.bc.ca greeningd@camosun.bc.ca / bambij@camosun.bc.ca
(f) Workspace	D2L / MS Teams

2. Intended Learning Outcomes

Upon successful completion of this course a student will be able to:

- Apply synthesized knowledge and skills to an initially unstructured software problem;
- Create technical documents using correct workplace-writing style, structure, format, design, and ethical concepts;
- Demonstrate professional applied communication skills (written, oral, interpersonal, presentation);
- Analyze, design and implement a software solution as a team with project stakeholders;
- Design and implement a project portfolio with an appropriate secured login system for stakeholders of the project;
- Use effective planning and time management skills to achieve project goals;
- Apply relevant practices, standards and security measures to software implementation;
- Apply the principles and dynamics of conflict resolution in a team setting to maximize the efficiency of collaborative work; and
- Evaluate and use the appropriate tools for software implementation;

3. Required Materials

- (a) Texts:
Required: none
Reference: Any PM or the ICS 125/215 text and notes
- (b) Other:
None

4. Course Content and Schedule

It is expected that students will meet with their client regularly. You may be working closely with your client so do not be surprised if you are working up to 25 hours. Meeting with your course instructor or another instructor is as scheduled. ***This is a proposed Sprint Planning schedule. Your Sponsor may want to do a different plan. Please make sure this is clear in your Project Charter***

Week	Sprint	Project/In-class related content	Submission for ICS 290
1	0	Lectures on Scrum and user stories. Preparation of development environment. Initial Sprint Planning Meeting	
2		<i>Scrum Meetings</i> <i>Check-ins</i>	Project Charter WSR1
3	1	Scrum Meetings Check-ins	e-portfolio started WSR2
4		Sprint planning meeting Scrum Meetings Check-ins	WSR3
5	2	Scrum Meetings Check-ins	WSR4
6		Sprint planning meeting Scrum Meetings Check-ins	WSR5 e-portfolio updated
7	3	Scrum Meetings Check-ins	WSR6
8		Sprint planning meeting Scrum Meetings Check-ins	WSR7 e-portfolio updated
9	4	Scrum Meetings Check-ins	WSR8
10		Sprint planning meeting Scrum Meetings Check-ins	WSR9 e-portfolio updated
11	5	Scrum Meetings Check-ins	WSR10
12		Sprint planning meeting Scrum Meetings Check-ins	WSR11 e-portfolio updated
13	6	Scrum Meetings Check-ins	WSR12
14		Wrap up week	
15		Wrap Up Week	e-portfolio (printed with CD & sign off) Project Demo Final Wrap Up Report

5. Basis of Student Assessment (Weighting)

(a) Assignments

Weekly Status Report (1% x 12)	12%
Project Charter	10%
Final Report	10%
Project-portfolio (printed with CD and sign off) *	15%
Team Evaluation	10%
Client Evaluation *	15%
Weekly Check-ins (1.5% x 13)	20%
Project Demo	8%

Project portfolio must include:
Scrum meetings, Sprint Backlog maintenance, review meeting, retrospective meeting, meeting notes, FAQ, etc

***must submit to obtain a final grade.**

(b) Quizzes: n/a

(c) Exams: n/a

(d) Other (e.g. Project, Attendance, Group Work)

Late Assignments:

If you are unable to meet a due date, you must send me an e-mail indicating the reasons for the delay and a proposed due date for that assignment. You must provide me adequate time to consider your request, in other words, not on the day that the assignment is due.

Project:

As this is a team project, your participation in all aspects is required. This includes weekly meetings for the Symposium, as well as, attendance and participation during the Event.

6. Grading System

Standard Grading System (GPA)

Competency Based Grading System

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

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Student Services or the College web site at <http://www.camosun.bc.ca>

STUDENT CONDUCT POLICY

There is a Student Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section. <http://www.camosun.bc.ca/policies/policies.html>

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.