CAMOSUN COLLEGE
Trades and Technology
Computer Science

COMP152 – Computer Literacy with Programming
Fall 2019

COURSE OUTLINE

The calendar description is available on the web @	http://camosun.ca/learn/calendar/current/web/comp.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**	Andy Dawson Reid		
(b)	**Office hours**	Mondays 10:00 – 11:00 & 13:00 – 14:00		
(c)	**Location**	Ewing 310		
(d)	**Phone**		**Alternative:**	
(e)	**E-mail**	ReidA1@Camosun.bc.ca		
(f)	**Website**	D2L COMP 152 course site		

2. Intended Learning Outcomes

Upon successful completion of this course, a student will know:
1. How computers and technology are impacting our world.
2. The role of computing in how we interact and live our lives today.
3. What lies behind the application software, operating systems and computer languages – along with the role of hardware.
4. How we use the available application software to search for and manipulate to useful information.
5. How we use the Internet in our research and education – including discussion of digital literacy, copyright and academic integrity.
6. How the internet works - and the infrastructure that supports this mode of communication and collaboration.
7. What are the threats and security issues to be aware of, and how do we protect ourselves against these treats.

8. How to use computers to analyze and solve problems.
9. How to learn, lead, and complete projects.

Details for each learning outcome available on the course website.

3. Required Materials

"Understanding the Digital World", Brian W. Kernighan, ISBN 9780691176543 *(optional)*

4. Course Content and Schedule

Lectures:
> Mondays – 8:30am – 9:50am – Ewing Building Room 115
> Wednesdays – 8:30am – 9:20am – Ewing Building Room 115

Labs:
> COMP 152-001A – Mondays – 2:30pm – 3:20pm – Ewing Building Room 110
> COMP 152-001B – Wednesdays – 2:30pm – 3:20pm – Ewing Building Room 110

Provisional Schedule:

Week	Commencing	Class Topic	Assignments
1	2nd Sept	Introduction to COMP 152/Uses of Technology	Welcome Lab
2	9th Sept	Software Applications	Word Lab, 'What's Your App?' homework
3	16th Sept	Computer Systems	Excel 1 Lab
4	23rd Sept	Artificial Intelligence/Representation of Information	Excel 2 Lab
5	30th Sept	Operating Systems/Choosing Research Topics	Workflow, Research Questions homework
6	7th Oct	Library Session?	
7	14th Oct	Revision/ Mid Term Exam	Representation of Information homework
8	21st Oct	Effective Presentation/ Databases	Powerpoint Lab
9	28th Oct	Databases/ WWW	Database Lab, Term Project Phase 1
10	4th Nov	HTML/CSS	Term Project Phase 2
11	11th Nov	HTML/CSS - Programming/Javascript	HTML/CSS Lab
12	18th Nov	The Internet/Networking	Term Project - Phase 3
13	25th Nov	Networking/Security	
14	2nd Dec	Revision	Term Project - Phase 4

5. Basis of Student Assessment (Weighting)

(a) Homework Assignments

Homework Assignments	10%

(b) Lab Assignments

Lab Assignments	30%

Late assignments are subjected to a 5% penalty, except by the instructor's prior written permission or in the presence of a dire and documented short-term medical or family emergency.

(c) Quizzes

Must achieve a minimum average of 55% on quizzes.

(d) Project

Project	10%

(e) Exams

Midterm Exam	15%
Final Exam	30%

Must achieve a minimum average of 55% in the Midterm Exam.
Must achieve a minimum average 55% on the Final exam to pass the course.

No leaving and return during any examination unless an accommodation in place.

(f) Other

Participation/Attendance	5%

6. Grading System

X	Standard Grading System (GPA)

	Competency Based Grading System

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

N/A

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

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. The final exam will be held during exam week. NO consideration will be given to any student wishing to write the exam at any other time than that assigned.

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	*Incomplete*: 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	*In progress*: 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	*Compulsory Withdrawal*: 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.