



CAMOSUN COLLEGE
Trades and Technology
Computer Science

COMP156 – Computer Concepts
Winter 2021

COURSE OUTLINE

The calendar description is available on the web @ _____

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	Jonas Bambi	_____
(b) Office hours	By Appointment	_____
(c) Location	Online	_____
(d) Phone	250-507-4262 (text)	Alternative: _____
(e) E-mail	bambij@camosun.bc.ca	_____
(f) Website	Use D2L Course Site	_____

2. Intended Learning Outcomes

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

- Use typical computing applications, e.g. file system, word processor, spreadsheet, desktop, database and email;
- Identify and discuss issues involving the implications and effects on society of computing;
- Use commands of typical operating systems/environments;
- Identify and use typical computing vocabulary and standards;
- Use local area and wide area network services for accessing file servers and other computer systems;
- Describe the basic components (hardware and software) of a microcomputer;
- Identify the basic concepts of computer programming languages; and
- Prepare simple web sites using HTML and scripting.

3. Required Materials

(a) Understanding the Digital World. Brian W. Kernighan. ISBN: 978-0-691-17654-3

4. Course Content and Schedule

<u>Week</u>	<u>Day</u>	<u>Topic</u>
Week 1	D1	Class Intro
	D2	Using Technology to Change the world
Week 2	D1	Using Technology to Change the world
	D2	Application Programs
Week 3	D1	Application Programs
	D2	Intro to Computer
Week 4	D1	Intro to Computer
	D2	Computer Hardware
Week 5	D1	Computer Hardware
	D2	Representation of Information
Week 6	D1	System Software
	D2	System Software
Week 7	D1	Reading Break
	D2	Reading Break
Week 8	D1	MidTerm Review
	D2	MIDTERM
Week 9	D1	How the web works
	D2	How the web works
Week 10	D1	Software Programming
	D2	Software Programming
Week 11	D1	Software Programming
	D2	Software Programming
Week 12	D1	Networking: Connecting Computer Devices
	D2	Networking: Connecting Computer Devices
Week 13	D1	How the internet works
	D2	How the internet works
Week 14	D1	Securing your System
	D2	Securing your System + Final Exam Review
FINAL EXAM		

5. Basis of Student Assessment (Weighting)

(Should be directly linked to learning outcomes.)

- (a) Assignments and Labs
 - 30% 10 labs assignments
 - 10% Homework assignments

Must achieve a minimum average of 55% on the assignments /labs.

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

- (b) Quizzes
 - 5% D2L quizzes
 - 5% In-Class quizzes

Must achieve a minimum average of 55% on quizzes.

- (c) Exams
 - 15% midterm
 - 25% final

Must achieve a minimum average 55% on the Midterm/Final exam to pass the course.
No leaving during any examination unless an accommodation in place

- (d) Other
 - 10% participation and attendance

6. Grading System

- Standard Grading System (GPA)
- Competency Based Grading System

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

Posted readings and videos on Course D2L News

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	<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.