



CAMOSUN COLLEGE
Trades and Technology
Computer Science

Comp 156
Computer Concepts
Fall, 2019

COURSE OUTLINE

The calendar description is available on the web @

<http://camosun.ca/learn/calendar/current/web/comp.html>

* 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	Kevin Rintoul
(b) Office hours	Tuesday and Thursdays, 10:30am-12pm
(c) Location	TEC 170
(d) Phone	n.a. Alternative:
(e) E-mail	rintoulk@camosun.ca
(f) Website	Use D2L course site

2. Intended Learning Outcomes

Students will obtain a solid foundation in general computer concepts and a practical exposure to the computer. Topics include computer terminology and environment, computer applications and usage as well as a brief introduction to programming. Some sections designated for particular programs will include examples relevant to those programs.

The learner will understand computer concepts

The learner will develop introductory skills to solve information problems using productivity software and Web languages

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;
- Use information search and retrieval strategies across the Internet;
- 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, ISBN 978-0-691-17654-3

4. Course Content and Schedule

Week	Week of	Topic	Delivery
1	Sept 2	Introductions	Lab 0
2	Sept 9	What is a computer	Lab 1
3	Sept 16	Digital Information	Lab 2
4	Sept 23	CPUs	Lab 3
5	Sept 30	Algorithms	Lab 4
6	Oct 7	Programming Languages	Lab 4 (cont.)
7	Oct 14	Operating Systems	Lab 5
8	Oct 21	Introduction to Programming	Lab 5 (cont.)
9	Oct 28	Networks	Lab 6
10	Nov 4	The Internet	Lab 7
11	Nov 11	The Web	Lab 8
12	Nov 18	Data and Information	Lab 9
13	Nov 25	Privacy and Security	
14	Dec 2	Review	

5. Basis of Student Assessment (Weighting)

(a) 10% 10 in-class quizzes

Best 8 out of 10 quizzes

(b) Labs

30% 10 lab assignments

Late assignments and/or labs are subjected to an 10% per day penalty, except by the instructor's prior written permission or in the presence of a dire and documented short-term medical or family emergency.

(b) Exams

30% two midterm exams (15% each)

30% final exam

Must achieve a minimum average 55% on the final exam to pass the course.

No leaving during any examination unless an accommodation in place

6. Grading System

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
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			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.