Camosun College campuses are located on the traditional territories of the Lkwungen and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

CAMOSUN COLLEGE
School of Access
Community Learning Partnerships Department

MATH 021 Fundamental Mathematics 1
S29 F2020

COURSE OUTLINE

The Approved Course Description is available on the College website
http://www.camosun.ca/learn/calendar/current/

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1. Instructor Information

(a) Instructor: Jennifer Bennett

(b) Class time and location: Online in D2L and by appointment with your instructor

(c) Phone: 250-370-3675

(d) E-mail: bennettj@camosun.ca

2. Intended Learning Outcomes

(complete ABE Intermediate Mathematics learning outcomes at ABE Articulation Handbook website http://www.aved.gov.bc.ca/abe/docs/handbook.pdf)

On completion of the course, students will be able to:

- Use math vocabulary related to place value, estimating, ordering, adding, and subtracting whole numbers to 100.
- Identify place value and compare the magnitude of whole numbers.
- Round whole numbers to the nearest 10.
- Add whole numbers without carrying.
- Subtract whole numbers without borrowing.
- Count by 2s, 5s, and 10s.
- Use addition and subtraction to solve one-step application problems.
- Identify basic geometric shapes and time units.
- Work independently on the materials provided, and ask for help when needed.
- Use strategies to organize work and notes, and to manage time and math anxiety.

3. Required Materials

(a) textbook: *Adult Literacy Fundamental Mathematics Book One*

Supplementary Materials

(b) three-ring binder, lined paper, graph paper
(c) pencils, eraser, ruler, highlighter, file cards

4. Course Instructions and Content

(a) for each topic of the book listed below, study the explanations and examples, then work through and check your answers to as many exercise problems as you need to fully understand
(b) ask for help when you have difficulties, or when you don't understand something
(c) complete the Self-Tests for each topic and check your answers, then to prepare for the unit Final Test, complete the Review problems at the end of each unit
(d) after clearing up any problems and correcting your errors, ask your instructor for authorization to write the unit Final Test
(e) review your Final Test results with the instructor, and proceed to the next unit if you score 75% or better, or rewrite the Final Test if you score less than 75%
(f) calculators may not be used on the Final Tests, unless approved by the instructor

The course completion time will vary for each student, depending on a number of factors, including your current level of math skills, motivation, learning rate, and how much time you have to study math, either at the college or at home. Students generally need to spend 5–15 hours of study time per week to complete each math course within a reasonable amount of time.

	unit	topic	MATH 021 course content – Book One	date	
	1		**Number Sense**		
		A	Emotions and Learning		
		B	Counting		
		C	Place Value		
		D	Ordering Numerals		
		E	Rounding Numbers		
		F	More Counting		
			Unit 1 Review		
			Unit 1 Final Test		
	2		**Addition**		
		A	Addition		
		B	Addition of Three or More Numbers		
		C	Addition of Larger Numbers		
			Unit 2 Review		
			Unit 2 Final Test		
	3		**Subtraction**		
		A	Subtraction		
		B	Subtraction of Larger Numbers		
			Unit 3 Review		
			Unit 3 Final Test		
	4		**Estimating, Time and Shapes**		
		A	Estimating		
		B	Time		
		C	Shapes		
			Unit 4 Review		
			Unit 4 Final Test		

5. Basis of Student Assessment (Weighting)

The MATH 021 course grade is based on the average of all unit Final Test passing scores.

Note: Students with a record of poor attendance OR poor progress may be restricted from re-registering in Academic and Career Foundations Department courses.

6. Grading System

A+	90–100%	B+	77–79%	C+	65–69%
A	85–89%	B	73–76%	C	60–64%
A–	80–84%	B–	70–72%	IP	in progress

7. Learning Support and Services for Students

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