Instructor: Morgan Sargent **E-mail:** sargentm@camosun.bc.ca   **Phone #:** 250-544-2192
Class Hours: Mon. Wed. Fri. 10am to Noon   **Office Hours**: Monday to Friday 9:30am to 10am

Calendar Description

Offered in an individualized, small-class format, MATH 021 is the first of six levels of Adult Literacy Fundamental Mathematics, which will give students a strong foundation of basic math skills, concepts, vocabulary, and problem-solving strategies. Topics: place value, rounding, adding, and subtracting whole numbers to 100.

Prerequisite(s): English 9, or ELD 036, or ENGL 023; and assessment.
http://camosun.ca/learn/calendar/current/web/math.html

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

Course Content and Schedule

Self-paced Instructions

(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.

Intended Learning Outcomes

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

At completion of the course students will be able to…

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

	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	

Basis of Student Assessment (Weighting)

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

Grading System

Percentage	Grade	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
<50%	F	0
In Progress	IP	N/A

For information on Camosun College's grading policy, see the webpage
http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.5.pdf

Academic Progress
There is an Academic Progress Policy designed to enhance a learner's likelihood of success. Students should 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://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf

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, Registrar's Office or the College web site at:
http://www.camosun.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, or the College web site at:
http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.pdf

STUDENT GRADING POLICY

A new student grading policy is in effect for students in the School of Access. This information is available in the College Calendar, Registrar's Office or the College web site at:
http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.5.pdf

ACADEMIC PROGRESS POLICY

There is an Academic Progress Policy designed to enhance a learner's likelihood of success. Students should 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 or the College web site at:
http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf