CAMOSUN COLLEGE
School of Access
Community Learning Partnerships Department
MATH 021-S18   Fundamental Mathematics 1

COURSE OUTLINE   WINTER 2018

The Approved Course Description is available on the College website
http://camosun.ca/learn/programs/academic-upgrading/what-youll-learn/upgrading.html#tabs-fundamental_a

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1. Instructor Information and Schedule:

Name: Pooja Gupta   **Email:** guptap@camosun.ca
Phone: 250-370-4481   **Office:** CBA 149

My class schedule this term:

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
9:30 – 12:20	**In class** Saanich Adult Education Centre	**In class** Songhees Wellness Centre	**In class** Saanich Adult Education Centre	**In class** Songhees Wellness Centre	**Online class** (9:30 – 1:50) **Office time**
12:30 – 2:20	**Online class/ Office time** Meetings by appointments only		**Online class/ Office time** Meetings by appointments only		Department Meetings

Important Dates this Winter term:

January 8 – Term Starts
February 12 – Family Day (College closed)
February 13 to 16 – Reading break (College closed)
February 13 – Foundation Bursaries Deadline to apply for winter 2018
February 23 – T2202A Education Tax Receipts available
March 30 – Good Friday (College closed)
April 2 – Easter Monday (College closed)
April 13 – Last day of instruction
April 16 to 20 – Exams
April 20 - Term Ends

Note: - Please seek help as soon as possible so that I can help you to be successful this term. As emails are accessible from any location, I prefer **emails** to phone calls.

2. Intended Learning Outcomes

Complete ABE Fundamental Mathematics learning outcomes at ABE Articulation Handbook website
http://www2.gov.bc.ca/assets/gov/education/post-secondary-education/adult-education/2016-17_abe_guide.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 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 Test
(e) review your test results with the instructor, and proceed to the next unit if you score 75% or better, or rewrite the test if you score less than 75%
(f) calculators may not be used on 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 Unit Test		
2		**Addition**		
	A	Addition		
	B	Addition of Three or More Numbers		
	C	Addition of Larger Numbers		
		Unit 2 Review		
		Unit 2 Test		
3		**Subtraction**		
	A	Subtraction		
	B	Subtraction of Larger Numbers		
		Unit 3 Review		
		Unit 3 Test		
4		**Estimating, Time and Shapes**		
	A	Estimating		
	B	Time		
	C	Shapes		
		Unit 4 Review		
		Unit 4 Test		

5. Basis of Student Assessment (Weighting)

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

Note: Students with a record of poor attendance OR poor progress may be restricted from re-registering in Community Learning Partnerships 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

ACADEMIC UPGRADING HELP CENTRE (CBA 109)
http://camosun.ca/services/help-centres/math.html

Help with coursework, reference & learning materials library,
computers & printers, quiet testing & study areas

There are many other Camosun services available to help you succeed in and out of the classroom, including education planning, learning and personal support, campus life, work and housing, and getting around. This information is available at Registration or the College web site

http://camosun.ca/services/

8. College Policies

ACADEMIC PROGRESS

The purpose of this policy is to enhance a learner's likelihood of success, and to encourage the learner to use College resources effectively.

http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf

GRADING

The purpose of this policy is to ensure that grading and promotion are consistent and fair.
http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf

STUDENT CONDUCT

The purpose of this policy is to provide clear expectations of appropriate academic and non-academic student conduct, and to establish processes for resolution of conduct issues or the imposition of sanctions for inappropriate conduct.
http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf