CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 023 Fundamental Mathematics 3
COURSE OUTLINE

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

1. Instructor Information

Instructor: Alison Bowe Voicemail: 370-4911 Text only: 250.881.0264
Office: CBA 150 e-mail: bowe@camosun.bc.ca

May- June 2016

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-10:30					
10:30-12:30	**Math S02 CBA 117**	Office Hours CBA 150	**Math S02 CBA 117**	Office Hours CBA 150	**Math S02 CBA 117**
12:30-3:20		**Math S03 CBA 117**	Office Hours CBA 150	**Math S03 CBA 117**	**Dept. Meeting**
3:30-5:00					

2. Intended Learning Outcomes

(complete ABE Intermediate Mathematics learning outcomes at ABE Articulation Handbook website http://www.aved.gov.bc.ca/abe/docs/2015-16_abe_guide.pdf)

On completion of the course students will be able to:

- Use math vocabulary related to multiplying and dividing whole numbers, metric units, area, and perimeter.
- Multiply whole numbers with and without carrying.
- Divide whole numbers with and without remainders.
- Estimate products and quotients.
- Determine whether a number is divisible by 2, 3, 5, 9, and 10.
- Use multiplication or division to solve multi-step application problems.
- Solve multi-operation application problems.
- Calculate the area and perimeter of squares and rectangles.
- 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 Three*

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 023 course content – Book Three	date	
	1		**Number Sense**		
		A	Emotions and Learning		
	2		**Multiplication**		
		A	Multiplying Larger Numbers		
		B	Two and Three Digit Multipliers		
		C	Estimating Products		
		D	Multiplication Problems		
			Unit 2 Review		
			Unit 2 Final Test		
	3		**Division**		
		A	Introduction and Division Facts		
		B	Divisibility		
		C	Dividing Larger Numbers by One Digit Divisors		
		D	Dividing by Two and Three Digit Divisors		
		E	Estimating Quotients		
		F	Division Problems		
		G	Mixed Problems		
			Unit 3 Review		
			Unit 3 Final Test		
	4		**Change, Time and the Metric System**		
		A	Counting to Make Change		
		B	Making Change		
		C	Converting Units of Time		
		D	The Metric System		
			Unit 4 Review		
			Unit 4 Final Test		

5. Basis of Student Assessment (Weighting)

The MATH 023 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

ACADEMIC UPGRADING HELP CENTRE (CBA 109)

Help with coursework, reference & learning materials library,
computers & printer, 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-&-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-&-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-&-support/e-2.5.pdf