CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 026   Fundamental Mathematics 6
Spring 2013

COURSE OUTLINE

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

1. Instructor Information

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

OFFICE HOURS BY APPOINTMENT
May - June 2013 Schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday
12:00-12:30	Office Hours CBA 150 (By Appointment)		Office Hours CBA 150 (By Appointment)		
12:30-3:20	**Math S03 CBA 117**		**Math S03 CBA 117**		Office Hours CBA 150 (By Appointment)
3:30-4:30	Office Hours CBA 150 (By Appointment)	Office Hours E222 (By Appointment)	Office Hours CBA 150 (By Appointment)	Office Hours E222 (By Appointment)	Office Hours CBA 150 (By Appointment)
4:30-5:00	Lab Hours CBA 117 (Drop-in)	Lab Hours E342 (Drop-in)	Lab Hours CBA 117 (Drop-in)	Lab Hours E342 (Drop-in)	
5:00-7:50	**Math S05 CBA 117**	**Math S07 E344**	**Math S05 CBA 117**	**Math S07 E344**	

2. 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…

- Use math vocabulary related to ratio, rate, proportion, percent, equivalents, graphs and tables.
- Write ratios, rates, and proportions
- Solve proportions.
- Convert between fractions, decimals, and percents.
- Use proportion and percent to solve application problems.
- Read and obtain information from graphs and tables.
- 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 Six*

Supplementary Materials

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

4. Course Content and Schedule

Classes run from May 6 to June 21, 2013.

The College will be closed on Monday, May 20, for Victoria Day.

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.

unit	topic	MATH 026 course content – Book Six	date	
1		**Ratio, Rate and Proportion**		
	A	Writing Ratios		
	B	Rates		
	C	Proportion		
		Unit 1 Review		
		Unit 1 Final Test		
2		**Percent**		
	A	Introducing Percent		
		Unit 2 Review		
		Unit 2 Final Test		
3		**Working with Percent**		
	A	Finding a Percent of a Number		
		Unit 3 Review		
		Unit 3 Final Test		
4		**More Working with Percent**		
	A	Finding What Percent One Number is of Another		
	B	Finding a Number when a Percent of it is Given		
		Unit 4 Review		
		Unit 4 Final Test		

unit	topic		MATH 026 course content – Book Six	date	
5			**Statistics**		
			Introduction and Vocabulary		
		A	Line Graphs		
		B	Bar Graphs		
		C	Picture Graphs		
		D	Circle Graphs		
		E	Histograms		
		F	Tables		
			Unit 5 Review		
			Unit 5 Final Test		

5. Basis of Student Assessment (Weighting)

The MATH 026 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
(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.)

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. 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, Registration, or on the College website *http://camosun.ca/services/*

ACADEMIC CONDUCT POLICY

It is the student's responsibility to become familiar with the content of the Academic Conduct Policy. The policy is available in each School Administration Office, Registration, and on the College website *http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.pdf*

ACADEMIC PROGRESS POLICY

The 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 website *http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf*