CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 026   Fundamental Mathematics 6
Summer 2016 (July 4, 2016 to August 26, 2016)

SectionS03

COURSE OUTLINE

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

1. Instructor Information

(a) Instructor: Bowe, Alison_____

(b) Office hours:1530 to 1630 Tuesday and Thursday(CBA 150) _____

(c) Help Centre hours: 1230 to 1520 Monday and Wednesday(CBA 109) __

(d) Location of class: Interurban CBA 117 _____

(e) Phone: 250 370 4911   Alternative:_____

(f) E-mail: bowe@camosun.bc.ca _____

2. Intended Learning Outcomes
(complete ABE Intermediate Mathematics learning outcomes at ABE Articulation Handbook
website http://www.bctransferguide.ca/docs/ABE_Artic_Guide_15-16%20Final.pdf)

On 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
(d) Math videos as supplied by instructor

4. Course Content and 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

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**
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> 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/learn/calendar/current/procedures.html
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> **GRADING**
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> 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**
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> 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.
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> http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf