Welcome to Camosun College!

Camosun College campuses are located on the traditional territories of the Lkwungen and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

School of Access – Community Learning Partnerships Department

MATH 022   Fundamental Mathematics 2

COURSE OUTLINE (2019Winter)

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

Ω *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.*

1. Instructor Information
See attached sheet

2. Intended Learning Outcomes
(complete ABE Fundamental Mathematics learning outcomes at ABE Articulation Handbook website https://www.bccat.ca/pubs/2018-19%20ABE%20Articulation%20Guide.pdf)

At completion of the course students will be able to…

- Use math vocabulary related to the multiplication facts, and to place value, estimating, ordering, adding, and subtracting whole numbers to 1,000,000.
- Identify place value and compare the magnitude of whole numbers.
- Round whole numbers to a given place.
- Add whole numbers with and without carrying.
- Subtract whole numbers with and without borrowing.
- Estimate sums and differences.
- Memorize the multiplication facts to 10 x 10.
- Write numbers as multiplication or repeated addition.
- Use addition or subtraction to solve multi-step application problems.
- Use multiplication to solve one-step application problems.
- Add and subtract time measurements, and convert between 12 and 24 hour notation.
- 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 Two*

Supplementary Materials

(b) additional math 021 materials can be found here: https://sites.camosun.ca/acf-math/math-021-026/
(c) three-ring binder, lined paper, graph paper
(d) pencils, eraser, ruler, highlighter, file cards

4. 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.

unit	topic	MATH 022 course content – Book Two	date	
1		**Number Sense**		
	A	Emotions and Learning		
	B	Expanded Form		
	C	Place Value		
	D	Ordering Numerals		
	E	Rounding Numbers		
		Unit 1 Review		
		Unit 1 Final Test		
2		**Addition**		
	A	Addition		
	B	Addition with Carrying		
	C	Estimating Answers in Addition		
		Unit 2 Review		
		Unit 2 Final Test		
3		**Subtraction**		
	A	Subtraction		
	B	Subtraction of Larger Numbers		
	C	Renaming		
	D	Subtraction with Borrowing		
	E	Estimating Answers in Subtraction		
	F	Problem Solving		
		Unit 3 Review		
		Unit 3 Final Test		
4		**Making Change and Time**		
	A	Counting to Make Change		
	B	Making Change		
	C	Telling Time		
	D	Adding Units of Time		
		Unit 4 Review		
		Unit 4 Final Test		

5. Basis of Student Assessment

The MATH 022 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 – Standard Grading System
http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf

A+	90–100%	B+	77–79%	C+	65–69%	D	50-59%
A	85–89%	B	73–76%	C	60–64%	F	40-49%
A−	80–84%	B−	70–72%	IP	in progress		

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade
according to the grading scheme being used in the course. See Grading Policy at
http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf

for information on conversion to final grades, and for additional information on student record and
transcript notations.

7. Learning Support and Services for Students

> **Ask your instructor and/or instructional assistant FIRST and then you could also go to:**
> **ACADEMIC UPGRADING HELP CENTRES (CBA 109 and E342)**
> http://camosun.ca/services/help-centres/math.html

8. College Supports, Services and Policies

Immediate, Urgent, or Emergency Support
If you or someone you know requires immediate, urgent, or emergency support (e.g.
illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @
http://camosun.ca/about/mental-health/emergency.html or http://camosun.ca/services/sexual-violence/

College Services
Camosun offers a variety of health and academic support services, including counselling, dental,
disability resource centre, help centre, learning skills, sexual violence support & education,
library, and writing centre. For more information on each of these services, visit the
STUDENT SERVICES link on the College website at http://camosun.ca/services/

College Policies
Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the
college's commitment to life-changing learning. It is the student's responsibility to become
familiar with the content of College policies. Policies are available on the College website at
http://camosun.ca/about/policies/. Education and academic policies include, but are not limited
to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials,
Involuntary Health and Safety Leave of Absence, Prior Learning Assessment,
Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees,
Student Appeals, Student Conduct, and Student Penalties and Fines.

Instructor Information and schedule:

Name: Pooja Gupta   **Email:** guptap@camosun.ca

Phone: 778-677-0150 (text only)   **Office:** CBA 150(IU campus) / VNFC

My class schedule this term:

	Monday	Tuesday	Wednesday	Thursday	Friday
9:30 – 12:20	**In class** Saanich Adult Education Centre	**Online class/ Office time** Meetings by appointments only	**In class** Saanich Adult Education Centre	**Online class/ Office time** Meetings by appointments only	Meetings
1:00 – 4:00	**Online class/ Office time** Meetings by appointments only	**In class** Victoria Native Friendship Centre	**Online class/ Office time** Meetings by appointments only	**In class** Songhees Wellness Centre	

Important Dates this Fall term:

January 7 – Term Starts

February 18 – Family Day (College closed)

February 19 to 22 – Reading break

February 15 – T2202A Education Tax Receipts available

April 13 – Last day of instruction

April 15 to 18 – Exams

April 19 – Good Friday (College closed)

April 22 – Easter Monday (College closed)

April 20 - Term Ends

For more information on important dates go to the following link:
http://camosun.ca/events/important-dates.html?y=2019

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.

The **Deadlines - Fees, Add/Drop and Tuition Refund** information can be found here:
http://camosun.ca/learn/fees/#deadlines