

# COURSE SYLLABUS



COURSE TITLE: MATH 021 – Fundamental Math 1  
CLASS SECTION: S15  
TERM: 2024F  
COURSE CREDITS: Non-credit  
DELIVERY METHOD(S): Blended

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.  
Learn more about Camosun's [Territorial Acknowledgement](#).

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*Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.*

## INSTRUCTOR DETAILS

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NAME: Doug Harrison  
EMAIL: [harrisond@camosun.ca](mailto:harrisond@camosun.ca)  
OFFICE: n/a  
HOURS: By appointment

*As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.*

## CALENDAR DESCRIPTION

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Students will build a foundation of basic mathematics skills, concepts, vocabulary, and problem-solving strategies to prepare them to meet personal, career, or academic goals. Students will practice processes related to the following topics: place value, rounding, adding, and subtracting whole numbers to 100. Students will build an understanding of automaticity and estimation skills to increase their confidence and competence in mathematics.

PREREQUISITE(S): One of  
COM in ENGL 023  
COM in ELD 052 and ELD 054

## COURSE LEARNING OUTCOMES / OBJECTIVES

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Upon successful completion of this course a student will be able to:

Learning Outcome	Sub-outcomes / skills
<i>Students will be able to . . .</i>	<i>By achieving this broader outcome, students will demonstrate that they can also . . .</i>
1. Evaluate 2-digit expressions using addition and subtraction, without carrying or borrowing/trading	• Read and write whole numbers up to 100

2. Identify place value to 100	<ul style="list-style-type: none"> <li>Recognize vertical and horizontal format for adding and subtracting</li> <li>Count by multiples of 2, 5, 10, up to 1000</li> <li>Apply or use examples of keywords</li> <li>Compare whole numbers</li> <li>Estimate value of numbers</li> <li>Solve for the perimeter of a rectangle, triangle and square</li> <li>Draw and label the sides of a regular shape (rectangle square, triangle)</li> <li>Planning the steps necessary for a feast</li> </ul>
3. Round whole numbers to the nearest 10, 100, 1000	
4. Order whole numbers to 100	
5. Represent mathematical ideas in concrete, pictorial, and symbolic forms	
6. Use mathematical vocabulary and language to communicate concepts	
7. Identify value of Canadian currency	
8. Translate a 1 step addition or subtraction word problem into a mathematical expression	
9. Identify regular shapes: rectangle, square, triangle and circle	
10. Recognize common base time units (seconds, minutes, etc.)	

This course meets the required learning outcomes for Fundamental Mathematics as outlined in the BC ABE Articulation Handbook.

#### REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

##### 1. Adult Literacy Fundamental Mathematics Book One

##### Supplementary Materials

- three-ring binder, lined paper, graph paper
- pencils, eraser, ruler, highlighter, file cards

#### COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

This class is expected to be a combination of online, blended and in-person instruction.

For each unit, students are expected to prepare for the Unit Final Test by completing the Unit Review. Consult with your instructor for authorization to write the Unit Final Test and proceed to the next unit if the score is 75% or better. Students rewrite the Unit Final Test for scores less than 75%.

Calculators may not be used unless approved by the instructor.

Unit	Topic	MATH 021 Course Content – Book One	Date/grade
<b>1</b>		<b>Number Sense</b>	
	A	Emotions and Learning	
	B	Counting	
	C	Place Value	
	D	Ordering Numerals	
	E	Rounding Numbers	
	F	More Counting	
		Unit 1 Review	
		Unit 1 Final Test	
<b>2</b>		<b>Addition</b>	

	A	Addition	
	B	Addition of Three or More Numbers	
	C	Addition of Larger Numbers	
		Unit 2 Review	
		Unit 2 Final Test	
<b>3</b>		<b>Subtraction</b>	
	A	Subtraction	
	B	Subtraction of Larger Numbers	
		Unit 3 Review	
		Unit 3 Final Test	
<b>4</b>		<b>Estimating, Time and Shapes</b>	
	A	Estimating	
	B	Time	
	C	Shapes	
		Unit 4 Review	
		Unit 4 Final Test	

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

#### EVALUATION OF LEARNING

This course is graded based on the average of all Unit Final Test passing scores.

DESCRIPTION		WEIGHTING
Unit 1	Number Sense	25%
Unit 2	Addition	25%
Unit 3	Subtraction	25%
Unit 4	Estimating, Time and Shapes	25%
<b>TOTAL</b>		<b>100%</b>

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information. <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

#### COURSE GUIDELINES & EXPECTATIONS

This is a self-paced course. Students have the flexibility to follow an individually-adaptable timeline to complete the learning outcomes and unit tests. This course consists of 6 hours of class time and 4 hours of lab time per week. Lab time includes but is not limited to tutorials with an instructor and/or instructional assistants and using the instructional resources in the Help Centre and library, virtually and in person. The course completion time will vary for each student, depending on a number of factors, including students' current level of math skills, motivation, learning rate, and time devoted to study. Students have a responsibility to work hard, attend class and/or meetings, and ask for support when needed.

## SCHOOL AND DEPARTMENTAL INFORMATION

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Community Learning Partnerships (CLP), a department of the School of Access, brings education to community-based sites to make it easier for students to begin or return to learning in a less intimidating place than on the college campus. Students can build or refresh their skills to meet admission requirements and be successful in other college programs. Students learn in a comfortable environment with other adults who share similar backgrounds and get help from friendly and compassionate Camosun instructors and staff.

Community Learning Partnerships department: <http://camosun.ca/learn/school/access/community-partnerships/index.html>.

## SUPPORTS AND SERVICES FOR STUDENTS

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Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit [camosun.ca/services](http://camosun.ca/services).

Support Service	Website
Academic Advising	<a href="http://camosun.ca/services/academic-supports/academic-advising">camosun.ca/services/academic-supports/academic-advising</a>
Accessible Learning	<a href="http://camosun.ca/services/academic-supports/accessible-learning">camosun.ca/services/academic-supports/accessible-learning</a>
Counselling	<a href="http://camosun.ca/services/health-and-wellness/counselling-centre">camosun.ca/services/health-and-wellness/counselling-centre</a>
Career Services	<a href="http://camosun.ca/services/co-operative-education-and-career-services">camosun.ca/services/co-operative-education-and-career-services</a>
Financial Aid and Awards	<a href="http://camosun.ca/registration-records/financial-aid-awards">camosun.ca/registration-records/financial-aid-awards</a>
Help Centres (Math/English/Science)	<a href="http://camosun.ca/services/academic-supports/help-centres">camosun.ca/services/academic-supports/help-centres</a>
Indigenous Student Support	<a href="http://camosun.ca/programs-courses/iecc/indigenous-student-services">camosun.ca/programs-courses/iecc/indigenous-student-services</a>
International Student Support	<a href="http://camosun.ca/international">camosun.ca/international</a>
Learning Skills	<a href="http://camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills">camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills</a>
Library	<a href="http://camosun.ca/services/library">camosun.ca/services/library</a>
Office of Student Support	<a href="http://camosun.ca/services/office-student-support">camosun.ca/services/office-student-support</a>
Ombudsperson	<a href="http://camosun.ca/services/ombudsperson">camosun.ca/services/ombudsperson</a>
Registration	<a href="http://camosun.ca/registration-records/registration">camosun.ca/registration-records/registration</a>
Technology Support	<a href="http://camosun.ca/services/its">camosun.ca/services/its</a>
Writing Centre	<a href="http://camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills">camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills</a>

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

### Academic Integrity

Students are expected to comply with all College policy regarding academic integrity; which is about honest and ethical behaviour in your education journey. The following guide is designed to help you understand your responsibilities: <https://camosun.libguides.com/academicintegrity/welcome>

Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.13.pdf> for Camosun's Academic Integrity policy and details for addressing and resolving matters of academic misconduct.

### Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc.). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<https://camosun.ca/services/academic-supports/accessible-learning>

### Academic Progress

Please visit <https://camosun.ca/sites/default/files/2023-02/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

### Course Withdrawals Policy

Please visit <https://camosun.ca/sites/default/files/2021-05/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <https://camosun.ca/registration-records/tuition-fees#deadlines>.

### Grading Policy

Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.5.pdf> for further details about grading.

### Grade Review and Appeals

Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

### Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <https://camosun.ca/sites/default/files/2021-07/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

### Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun's Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student's right to choose what is right for them. For more information see Camosun's Sexualized Violence and Misconduct Policy: <https://camosun.ca/sites/default/files/2021-05/e-2.9.pdf> and [camosun.ca/services/sexual-violence-support-and-education](https://camosun.ca/services/sexual-violence-support-and-education). To contact the Office of Student Support: [oss@camosun.ca](mailto:oss@camosun.ca) or by phone: 250-370-3046 or 250-370-3841

### Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College's Student Misconduct Policy at <https://camosun.ca/sites/default/files/2021-05/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

### Looking for other policies?

The full suite of College policies and directives can be found here: <https://camosun.ca/about/camosun-college-policies-and-directives>

**Changes to this Syllabus:** Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.