



Welcome to Camosun College!

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

School of Access - Academic and Career Foundations Department

**MATH 024 S04 Fundamental Mathematics 4**

**COURSE OUTLINE**

The Approved Course Description is available on the College website

<http://camosun.ca/learn/calendar/current/web/math.html>

1. Instructor Information

Fall Term, September 7 – December 17, 2021

Instructor: Nicolas Mai Phone: 250-370-4481 (office)  
 Office: Interurban: CBA 146 Email: [mai@camosun.bc.ca](mailto:mai@camosun.bc.ca)  
 Website: <https://sites.camosun.ca/acf-math>

**Nicolas Mai's Schedule, January 4 – April 17, 2021**

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30	Math S02 24/25/26/37/38/39 52/53/57	On-line support	Math S02 24/25/26/37/38/39 52/53/57	On-line support	On-line support
10:30	<b>Online Only</b> Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>	Math S03 24/25/26/37/38/39 52/53/57 <b>Online Only</b>	<b>Online Only</b> Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>	Math S03 24/25/26/37/38/39 52/53/57 <b>Online Only</b>	Math S03 24/25/26/37/38/39 52/53/57 <b>Online Only</b>
11:20	Lunch	Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>	Lunch	Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>	Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>
12:20	On-line support	Math S04 24/25/26/37/38/39 52/53/57 <b>Blended/In-class</b>	On-line support	Math S04 24/25/26/37/38/39 52/53/57 <b>Blended/ In-class</b>	On-line support
3:20		CBA 117 Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>		CBA 117 Nicolas Mai <a href="mailto:mai@camosun.ca">mai@camosun.ca</a>	

**\*\*To arrange meeting time, please email at [mai@camosun.bc.ca](mailto:mai@camosun.bc.ca)**

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 place value, adding, subtracting, multiplying, and dividing decimals to 10,000ths.
- Identify place value and compare the magnitude of decimals.
- Round decimals to a given place.
- Add, subtract, multiply, and divide decimals.
- Use addition, subtraction, multiplication, or division of decimals to solve application problems.
- Solve multi-operation application problems involving decimals.
- Measure length, mass, capacity, and temperature using metric and imperial devices.
- Convert measurements within the metric system.
- Add and subtract metric measurements.
- 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 Four*

#### Supplementary Materials

- (b) additional math 024 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

- 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
- ask for help when you have difficulties, or when you don't understand something
- 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
- after clearing up any problems and correcting your errors, ask your instructor for authorization to write the unit Final Test
- 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%
- 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 024 course content – Book Four	date
1		<b>Working With Decimals</b>	
	A	Part of the Whole Thing	
	B	Reading and Writing Decimals	
	C	Comparing Decimals	
	D	Review: Rounding Whole Numbers	
		Unit 1 Review	
		Unit 1 Final Test	
2		<b>Adding and Subtracting Decimals</b>	
	A	Adding Decimals	
	B	Subtracting Decimals	
	C	Bookkeeping	
		Unit 2 Review	
		Unit 2 Final Test	

<b>3</b>		<b>Multiplying Decimals</b>		
	A	Multiplying Decimals		
		Unit 3 Review		
		Unit 3 Final Test		
<b>4</b>		<b>Dividing Decimals</b>		
	A	Dividing Decimals		
		Unit 4 Review		
		Unit 4 Final Test		
<b>5</b>		<b>Using Decimals in Real Life</b>		
	A	Unit Pricing		
	B	Decimal Problems		
		Unit 5 Review		
		Unit 5 Final Test		
<b>6</b>		<b>Measurement</b>		
	A	Why Metric?		
	B	The Prefixes		
	C	Measuring		
	D	Conversion Within the Metric System		
		Unit 6 Review		
		Unit 6 Final Test		

## 5. Basis of Student Assessment

The MATH 024 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

### ACADEMIC UPGRADING HELP CENTRE (CBA 109 or Ewing 342)

<http://camosun.ca/services/help-centres/math.html>

Help with coursework, reference & learning materials library,  
computers & printers, quiet testing & study areas

## 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.

## SUPPORTS AND SERVICES FOR STUDENTS

---

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 <http://camosun.ca/students/>.

Support Service	Website
Academic Advising	<a href="http://camosun.ca/advising">http://camosun.ca/advising</a>
Accessible Learning	<a href="http://camosun.ca/accessible-learning">http://camosun.ca/accessible-learning</a>
Counselling	<a href="http://camosun.ca/counselling">http://camosun.ca/counselling</a>
Career Services	<a href="http://camosun.ca/coop">http://camosun.ca/coop</a>
Financial Aid and Awards	<a href="http://camosun.ca/financialaid">http://camosun.ca/financialaid</a>
Help Centres (Math/English/Science)	<a href="http://camosun.ca/help-centres">http://camosun.ca/help-centres</a>
Indigenous Student Support	<a href="http://camosun.ca/indigenous">http://camosun.ca/indigenous</a>
International Student Support	<a href="http://camosun.ca/international/">http://camosun.ca/international/</a>
Learning Skills	<a href="http://camosun.ca/learningskills">http://camosun.ca/learningskills</a>
Library	<a href="http://camosun.ca/services/library/">http://camosun.ca/services/library/</a>
Office of Student Support	<a href="http://camosun.ca/oss">http://camosun.ca/oss</a>
Ombudsperson	<a href="http://camosun.ca/ombuds">http://camosun.ca/ombuds</a>
Registration	<a href="http://camosun.ca/registration">http://camosun.ca/registration</a>
Technology Support	<a href="http://camosun.ca/its">http://camosun.ca/its</a>
Writing Centre	<a href="http://camosun.ca/writing-centre">http://camosun.ca/writing-centre</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.

## COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

---

### **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: <http://camosun.ca/services/accessible-learning/>

### **Academic Integrity**

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

### **Academic Progress**

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/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 <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

### **Grading Policy**

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

### **Grade Review and Appeals**

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

### **Mandatory Attendance for First Class Meeting of Each Course**

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 reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the "Attendance" section under "Registration Policies and Procedures" (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

### **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 <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/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: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and [camosun.ca/sexual-violence](http://camosun.ca/sexual-violence). To contact the Office of Student Support: [oss@camosun.ca](mailto:oss@camosun.ca) or by phone: 250-370-3046 or 250-3703841

## 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 <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

**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.