

4. Basis of Student Assessment (Grading)

Assignments: Online assignments are taken through MyMathLab. The deadline dates are Mondays by 11:59pm, but it is best to complete them ahead of time to allow for any glitches such as frozen computers. There are no extensions. See the last page on how to register for MyMathLab. There is also an in-class trig assignment.

Tests: There are 4 in class tests. The dates and topics are on the pacing schedule. If you miss a test for any reason (including illness, getting called into work) a zero will be assigned, unless you contact me via e-mail before the test to make alternate arrangements. All tests count.

Final Exam: The final exam is worth 50% of your mark and is based on the entire course. Do not make holiday plans until you know the time of the exam as this is not negotiable.

Grade Calculation: The final grade will be calculated according to the following breakdown:

Online Assignments	10%
Tests and In-Class assignment	40%
Comprehensive Final Exam:	50%

Grade Scale:

0-49	50-59	60-64	65-69	70-72	73-76	77-79	80-84	85-89	90-100
F	D	C	C+	B-	B	B+	A-	A	A+

For information on Camosun College's grading policy, see the webpage:

<http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.5.pdf>

Academic Integrity: The Department of Mathematics and Statistics has prepared a handout called *Student Guidelines for Academic Integrity* to help you interpret college policies involving student conduct, academic dishonesty, plagiarism, etc. It is your responsibility to become familiar with the contents of the document and the college policies it references.

Academic Progress: The College has an academic progress policy geared mainly toward "at risk" students, the stated intention for which is to improve a student's likelihood of success. To view the policy, see the webpage <http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf>

5. Course Content

Review of Basic Algebra	Rational Expressions, Equations, and Functions
R.1 Set of Real Numbers	5.1 Rational Expressions, Functions: Mult./Div.
R.2 Operations with Real Numbers	5.2 LCMs, LCDs, Addition and Subtraction
R.4 Introduction to Algebraic Expressions	5.3 Division of Polynomials
R. 5 Equivalent Algebraic Expressions	5.4 Complex Rational Expressions
R. 6 Simplifying Algebraic Expressions	5.5 Solving Rational Equations
Solving Linear Equations and Inequalities	5.6 Uniform Motion Applications
1.1 Solving Equations	5.7 Formulas and Applications
1.2 Formulas and Applications	5.8 Variation and Applications
1.3 Applications and Problem Solving	Radical Expressions, Equations, and Functions
1.4 Sets, Inequalities, and Interval Notation	R.3 Exponential Notation and Order of Operations
1.5 Intersections, Unions, and Compound Inequalities	R. 7 Properties of Exponents and Scientific Notation
1.6 Absolute-Value Equations and Inequalities	6.1 Radical Expressions and Functions
Graphs, Functions, and Applications	6.2 Rational Numbers as Exponents
2.1 Graphs of Equations	6.3 Simplifying Radical Expressions
2.2 Functions and Graphs	6.4 Addition, Subtraction, and More Multiplication
2.3 Finding Domain and Range	6.5 More on Division of Radical Expressions
2.4 Linear Functions: Graphs and Slope	6.6 Solving Radical Equations
2.5 More on Graphing Linear Equations	6.7 Applications Involving Powers and Roots
2.6 Finding Equations of Lines: Applications	6.8 The Complex Numbers
Systems of Equations	Quadratic Equations and Functions
3.1 Systems of Equations in Two Variables	7.1 Basics of Solving Quadratic Equations
3.2 Solving by Substitution	7.2 The Quadratic Formula
3.3 Solving by Elimination	7.3 Applications Involving Quadratic Equations
3.4a Solving Applied Problems	7.4 More on Quadratic Equations
3.7ab Systems of Inequalities in Two Variables	7.5 Graphing $f(x) = a(x-h)^2 + k$
Polynomial and Polynomial Functions	7.6 Graphing $f(x) = ax^2 + bx + c$
4.1 Introduction to Polynomials and Polynomial Functions	7.7 Mathematical Modeling with Quadratic Functions
4.2 Multiplication of Polynomials	
4.3 Introduction to Factoring	Trigonometry (in class notes and online resources)
4.4 Factoring Trinomials: $x^2 + bx + c$	Trig functions of Acute Angles
4.5 Factoring Trinomials: $ax^2 + bx + c$	Applications of Right Triangles
4.6 Special Factoring	Trig Functions of Any Angles
4.7 Factoring: A General Strategy	The Law of Sines
4.8 Applications of Polynomial Equations	The Law of Cosines

6. Pacing Schedule

Wk		Monday	Tuesday	Wed	Thursday	Friday
1	Jan 8-12	Intro/Review	Review/1.1	1.2	1.3	
2	Jan 15-19	1.4/1.5 Asst Chap R	1.6	2.1	2.2/2.3	
3	Jan 22-26	2.4 Fee deadline Asst Chap 1	2.5	2.6/3.1	3.2/3.3	
4	Jan 29-Feb2	3.4a/Comparing methods Asst Chap 2	3.7ab/4.1	4.2/4.3	Test 1 (Chaps R, 1&2)	
5	Feb 5-9	4.4 Asst Chap 3	4.5	4.6	4.7/4.8	
6	Feb 12-16	Holiday	Reading Break	Reading Break	Reading Break	
7	Feb 19-23	5.1 Asst Chap 4	5.2	5.3	Test 2 (Chaps 3&4)	
8	Feb 26-Mar 2	5.4 Asst Chap 5.1-5.3	5.5	5.6	5.7/5.8	
9	Mar 5-9	6.1 Asst Chap 5.4-5.8	6.2	6.3	6.4/6.5	
10	Mar 12-16	6.6 Asst Chap 6.1-6.5	6.7/6.8	7.1 Drop deadline	Test 3 Chap 5, 6.1-6.5	
11	Mar 19-23	7.2 Asst Chap 6.6-6.8	7.3	7.4	7.5	
12	Mar 26-30	7.6 Asst Chap 7.1-7.4	7.7	Trig	Holiday	
13	Apr 2-6	Holiday	Trig Asst Chap 7.5-7.7	Trig	Test 4 Chap 6.6-6.8, Chap 7	
14	Apr 9-13	Trig	Trig In Class Asst	Trig In Class Asst	Review Asst Trig 1 and 2	
Final Exam Period Apr 16-24						

MyMathLab

MyMathLab is an interactive website where you will do your assignments. You can Access the full Etext, work through assignments, self-test and do practice exercises with step-by-step help to improve your math skills. MyMathLab includes multimedia learning aids, videos, animations, and live tutorial help.

Before You Begin:

To register for MyMathLab, you need: **1) MyMathLab student access code** **2) the Course ID: frost61541**, and **3) a valid email address**

Student Registration:

- Enter www.mymathlab.com in your web browser.
- Click on Register on the top right hand of the screen.
- Under Register, click **Student**. Then OK! Register Now.
- Enter your **Course ID: frost61541** and click **Continue**. *Your course information appears on the next page. If it does not look correct, contact your instructor to verify the Course ID.*
- Sign in or follow the instructions to create an account. Use an email address that you check and, if possible, use that same email address for your username. Read and accept the License Agreement and Privacy Policy.
- Click **Access Code**. Enter your **Access Code** in the boxes and click **Next**. *If you do not have an access code you can buy it at the bookstore (cheaper than using PayPal).*

You can get 14 days of free temporary access (Look for a link near the bottom of the page) to start the program now so you don't miss any assignments.

Once your registration is complete, a **Confirmation** page appears. You will also receive this information by email. Make sure you print the Confirmation page as your receipt. Remember to **write down your username and password**. You are now ready to access your resources!

Signing In:

- Go to www.mymathlab.com and click **Sign in**.
- Enter your **username** and **password** and click **Sign In**.
- On the left, click the name of your course.

The first time you enter your course from your own computer and anytime you use a new computer, click the **Installation Wizard** or **Browser Check** on the Announcements page. After completing the installation process and closing the wizard, you will be on your course home page and ready to explore your MyMathLab resources!

Need help? Contact Product Support at <http://www.mymathlab.com/student-support> for live CHAT, email, or phone support at 1-866-952-8628.