

Evelyn Gallegos

<b>Text</b>	Elementary & Intermediate Algebra (Aleks 360), 5 <sup>th</sup> Edition by Barrato Publisher: McGraw-Hill, ISBN: 9780077843052 Aleks Course Code: NFNKW-NQHGF
<b>Course Description</b>	The course is an intensive program that covers areas of elementary algebra and provides a foundation for college algebra readiness.
<b>Measurements</b>	Chapter Objectives: 20%, Homework: 40% (due every Sunday by 11:59pm), Quizzes – 10%, Tests – 30% (mid-term – 10%, final exam – 20%) Grade Equivalents: A (93-100), A- (90-92.99), B+ (87-89.99), B (83-86.99), B- (80-82.99), C+ (77-79.99), C (73-76.99), C- (70-72.99), D+ (67-69.99), D (63-66.99), D- (60-62.99), F (below 60)
<b>Support Devices</b>	Tutoring and Academic Support Center, peer tutoring, extra help by appointment available
<b>Office Hours</b>	By appointment or email: <a href="mailto:egallegos@trcc.commnet.edu">egallegos@trcc.commnet.edu</a>
<b>Class Cancellations</b>	Check the college website for weather related cancellations or call 860-215-9000 for recorded message
<b>Plagiarism and Academic Honesty</b>	At TRCC, we expect the highest standards of academic honesty. The Board of Trustees' Proscribed Conduct Policy prohibits cheating on examinations, unauthorized collaboration on assignments, unauthorized access to examinations or course materials, plagiarism.
<b>MyCommnet Alert</b>	MyCommNet is a system that sends text messages and emails to anyone signed up in the event of a campus emergency. Additionally, TRCC sends messages when the college is delayed or closed due to weather. All students are encouraged sign up for MyCommNet Alert.
<b>Disabilities</b>	Students with learning disabilities should contact the Learning Specialist, Matt Liscum, at 860-215-9265 or via email at <a href="mailto:mliscum@trcc.commnet.edu">mliscum@trcc.commnet.edu</a> as soon as possible to ensure timely accommodations. Students with physical disabilities should contact Elizabeth Willcox at 860-215-9289 or via email at <a href="mailto:ewillcox@trcc.commnet.edu">ewillcox@trcc.commnet.edu</a> to facilitate accommodations. All testing

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accommodations MUST be discussed with the instructor in a timely manner, that is, at least one to two class meetings prior to any scheduled test for which accommodations are needed.

**Digication** All students are required to maintain an online learning portfolio in Digication that uses the college template. Through this electronic tool students will have the opportunity to monitor their own growth in college-wide learning. The student will keep his/her learning portfolio and may continue to use the Digication account after graduation. A Three Rivers General Education Assessment Team will select and review random works to improve the college experience for all. Student work reviewed for assessment purposes will not include names and all student work will remain private and anonymous for college improvement purposes. Students will have the ability to integrate learning from the classroom, college, and life in general, which will provide additional learning opportunities. If desired, students will have the option to create multiple portfolios.

**Sexual Misconduct** BOARD OF REGENTS FOR HIGHTER EDUCATION AND CONNECTICUT STATE COLLEGES AND UNIVERSITIES POLICY REGARDING SEXUAL MISCONDUCT REPORTING, SUPPORT SERVICES AND PROCESSES POLICY  
Statement of Policy for Public Act No. 14-11: An Act Concerning Sexual Assault, Stalking and Intimate Partner Violence on Campus: "The Board of Regents for Higher Education (BOR) in conjunction with the Connecticut State Colleges and Universities (CSCU) is committed to insuring that each member of every BOR governed college and university community has the opportunity to participate fully in the process of education free from acts of sexual misconduct, intimate partner violence and stalking. It is the intent of the BOR and each of its colleges or universities to provide safety, privacy and support to victims of sexual misconduct and intimate partner violence."

**Title IX** UNITED STATES DEPARTMENT OF EDUCATION AND OFFICE OF CIVIL RIGHTS TITLE IX STATEMENT OF POLICY:  
"Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in education programs and activities in federally funded schools at all levels. If any part of a school district or college receives any Federal funds for any purpose, all of the operations of the district or college are covered by Title IX. Title IX protects students, employees, applicants for admission and employment, and other persons from all forms of sex discrimination,

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including discrimination based on gender identity or failure to conform to stereotypical notions of masculinity or femininity. All students (as well as other persons) at recipient institutions are protected by Title IX – regardless of their sex, sexual orientation, gender identity, part-or full-time status, disability, race, or national origin-in all aspects of a recipient’s educational programs and activities.”

If any student experiences sexual misconduct or harassment, and/or racial or ethnic discrimination on Three Rivers Community College Campus, or fears for their safety from a threat while on campus, please contact Vicki Baker, the Diversity Officer and Title IX Coordinator: 860-215-9208 (vbaker@trcc.commnet.edu)

**Disclaimer** The instructor has the right to change/modify this syllabus at any time with proper notification to the class.

### Tentative Schedule

- Aug 29 Initial Assessment
- Sep 5 Chapter 0.1 – A Review of Fractions,  
Chapter 0.2 – Real Numbers
- Sep 10 Chapter 0.3 – Adding and Subtracting  
Chapter 0.4 – Multiplying and Dividing
- Sep 12 Chapter 0.5 – Exponents and Order of Operations
- Sep 17 Chapter 0 Quiz,  
Chapter 1.1 – Transition to Algebra,  
Chapter 1.2 – Evaluating Algebraic Expressions
- Sep 19 Chapter 1.3 – Simplifying Algebraic Expressions  
Chapter 1.4 – Solving Equations with the Addition Property  
Chapter 1.5 – Solving Equations with the Multiplication Property
- Sep 24 Chapter 1.6 – Combining the Rules to Solve Equations
- Sep 26 Chapter 1.6 – Combining the Rules to Solve Equations (cont.)
- Oct 1 Chapter 1.6 – Combining the Rules to Solve Equations (cont.)

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- Oct 3 Chapter 1.7 – Linear Inequalities
- Oct 8 Chapter 1.7 – Linear Inequalities (cont.)
- Oct 10 Chapter 1 Quiz,  
Chapter 2.1 – Formulas and Problem Solving
- Oct 15 Chapter 2.2 – Sets and Set Notation,  
Chapter 2.3 – Two-Variable Equations,  
Chapter 2.4 – The Cartesian Coordinate System
- Oct 17 Chapter 2.5 – Relations and Functions,  
Chapter 2.6 – Tables and Graphs
- Oct 22 Chapter 2 Quiz,  
Chapter 3.1 – Graphing Linear Functions
- Oct 24 Chapter 3.2 – The Slope of a Line
- Oct 29 Chapter 3.3 – Linear Equations
- Oct 31 Chapter 3.3 - Linear Equations (cont.)
- Nov 5 Chapter 3 Quiz,  
Midterm Exam
- Nov 7 Chapter 4.1 – Graphing Systems of Linear Equations
- Nov 12 Chapter 4.2 – Solving Equations in One Variable Graphically
- Nov 14 Chapter 4.3 – Systems of Equations in Two Variables
- Nov 19 Chapter 4.3 – Systems of Equations in Two Variables (cont.)
- Nov 26 Chapter 4 Quiz,  
Chapter 5.1 – Positive Integer Exponents
- Nov 28 Chapter 5.2 – Integer Exponents and Scientific Notation
- Dec 3 Chapter 5.2 – Integer Exponents and Scientific Notation (cont.)
- Dec 5 Chapter 5.3 – An Introduction to Polynomials,  
Chapter 5.4 – Adding and Subtracting Polynomials  
Chapter 5.5 – Multiplying Polynomials

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Chapter 5.6 – Dividing Polynomials

Dec 10 Chapter 5 Quiz, Final Exam Review

Dec 12 Final Exam

- Course Objectives** Upon the completion of this course students will be able to:
1. Performs operations of addition, subtraction, multiplication, and division on rational numbers.
  2. Apply the order of operations to solve problems.
  3. Evaluate and solve algebraic expressions in one variable.
  4. Use formulas to solve word problems.
  5. Understand sets and set notation.
  6. Work within the Cartesian coordinate system.
  7. Understand relations and functions.
  8. Interpret tables and graphs.
  9. Graph linear functions.
  10. Determine slopes of lines.
  11. Use various methods to solve sets of equations in two variables.
  12. Understand exponential notation and apply rules of exponents.
  13. Perform operations on polynomials.
  14. Calculate roots and radicals.
  15. Apply the Pythagorean Theorem to solve problems.