Professor: L. Porter
Email: Lporter@dcccd.edu
Number: 469 995 6652
Meeting Days & Time: M T W R 8:00 -10:00
Room Number: W126
Credit Hours: 3 semester hours

Division:
STEM (Science, Technology, Engineering, and Math)
Office Hours: M – F, 8:00 am – 5:00 pm
Office Phone: 214-860-8760
Office Number: W147

Course Description: This is a course in algebra which includes operations on real numbers, polynomials, special products and factoring, and linear equations. Also covered are graphs, systems of linear equations, exponents, quadratic equations and an introduction to complex numbers.

Course Pre-requisites: An appropriate assessment test score or DMAT 0090.

Course Materials/Supplies Needed
- MyMathLab Student Access Kit
- Scientific calculator

(OPTIONAL) BEGINNING & INTERMEDIATE ALGEBRA, by Lial, Hornsby, & McGinnis, 6th edition
(ISBN#9780321969255)
(OPTIONAL) BEGINNING & INTERMEDIATE ALGEBRA SOLUTION MANUAL (ISBN# 9780321199911)

Student Learning Outcomes
Upon successful completion of this course, students will:

1. Perform the four fundamental operations on the set of real numbers.
2. Solve linear equations.
3. Solve applications of linear equations including stated problems, formula manipulation and proportion problems.
4. Graph linear equations in two variables.
5. Solve systems of linear equations in two variables using the graphing, addition and substitution methods.
6. Solve stated problems involving systems of linear equations.
7. Apply the definition and laws of integer exponents to simplify expressions.
8. Perform the four fundamental operations on polynomials.
9. Factor difference of square polynomials, perfect square polynomials, and general trinomials or with greatest common factor.
10. Solve quadratic equations.
11. Applications of quadratic equations
12. Linear inequalities

Course Outline:
Chapter 1 The Real Number System, units 5-8
Chapter 2 Linear Equations and Inequalities in One Variable, units 1-4, 8
Chapter 3 Linear Equations in Two Variables, units 1-4
Chapter 4 Exponents and Polynomials, 1-2, 4-7
Chapter 5 Factoring and Applications, 1-5
Chapter 8 Systems of Linear Equations, 1-3, 5

Evaluation Procedures: Homework 30%
Test 75%

Instructor Attendance Policy:
Students are expected to attend all classes. Students have the responsibility to attend class and to consult with the instructor when an absence occurs. If for some reason you must leave class early, you should inform the instructor prior to the start of class of your reason for leaving early.

Students must begin attendance in all classes of enrollment. No exceptions. Financial Aid will not be granted to students who have been certified as not attending, by the certification date. For this lecture course, your physical participation in class, on or before the certification date will allow you to receive credit for FA purposes. For certification dates, check with the division or FAO for further information. Students, who are not certified as beginning class, are responsible for any payments due as a result of non-certification, to include the dropping of courses.

Grading Scale:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<tr>
<td>A</td>
<td>88-105%</td>
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<td>B</td>
<td>77-87%</td>
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<td>C</td>
<td>67-76%</td>
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<td>D</td>
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<td>F</td>
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Late Work Policy: No late work will be accepted.

Makeup Exam Policy:
Makeup tests are at the discretion of the instructor.

Electronic Devices: Students may have a calculator in class. All other devices should be put away unless prior arrangements have been made.
The withdraw date for this class is August 3, 2017.

Academic Dishonesty:
Students that caught plagiarizing an assignment will be subject to an “F” in the course and possible expulsion from the college.

Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at https://www1.dcccd.edu/catalog/ss/code.cfm.

Institution Policies: Please visit http://www.mountainviewcollege.edu/Academics/Documents/Institutional%20Policies.pdf for a complete list of institutional policies (Stop Before You Drop; Withdrawal Policy; Repeating a Course; Financial Aid; Academic Dishonesty; Americans with Disabilities Act Statement; Religious Holidays; and Campus Emergency Operation Plan and Contingency Plan.).