

Course Overview

Instructor

Fernando Marino

Phone

214-642-9925

Email

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Room Number

W270

Meeting Dates and Time

Tuesday & Thursday
6:00 PM to 7:20 PM

Credit Hours

3 Semester Hours

Division

Science, Technology,
Engineering and Math

- Office Hours:
M – F
8:00 am – 5:00 pm
- Office Phone:
214-860-8760
- Office Number:
W147



Mountain View College

DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

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 Required Text

Course Materials

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

Student Learning Outcome

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

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 no certification, to include the dropping of courses.

Course Schedule

Chapter	Units	Topic	Dates	Exam Schedule
1	5, 6, 7	The Real Number System	From 08/21/17 to 08/31/17	8/31/17
2	1,2,3,4,8	Linear Equations and Inequalities in One Variable.	From 09/05/17 to 09/21/17	09/21/17
3	1,2,3	Linear Equations and Inequalities in Two Variables	From 09/25/17 to 10/06/17	10/06/17
4	1,2,4,7	Exponents and Polynomials	From 10/09/17 to 10/26/17	10/26/17
5	1,2,3,4,5	Factoring and Application	From 10/30/17 to 11/16/17	11/16/17
7	3,4,5,7	Graph, Linear Equations and Systems	From 11/16/17 to 12/7/17	12/6/17

Grading Scale

A = 90-100
B = 80-89
C = 70-79
D = 60-69
F = 59 or less

Grading Rubric

Homework: 15%
Quizzes: 15%
Participation: 5%
Test's Average: 40%
Final Test: 25%

Late Work Policy: Late assignments will not be accepted.

Makeup Exam Policy: If a student misses an exam, the next test is counted twice. A student will receive a grade of zero if more than test is missed.

The withdraw date for this class is November 9, 2017.

Calculator Policy:

Teacher will inform the student when the use of the calculators is allowed.

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: go to <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.)