Course: *Intermediate Algebra* Section #1706
Monday to Thursday
8:00 AM to 12:25 PM
G5-008

Course Description: This course strengthens and further develops manipulative skills in Elementary Algebra. Topics include the fundamental operations on algebraic expressions, solutions of equations and inequalities, exponentiation, graphs of algebraic, exponential and logarithmic functions, systems of equations and inequalities, and introduction to conic sections. Applications are included in a wide variety of word problems.

Instructor: Daniel Judge

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Office Hours: G5-111G
Monday to Thursday
12:30 PM to 1:15 PM

Textbook: Elementary and Intermediate Algebra, 3rd custom edition, by Bittinger, Ellenbogen, and Johnson.

Student Learning Outcomes: Given a quadratic equation in the form of $y = a(x - h)^2 + k$, students will,

   a.   State whether the parabola opens upwards or downwards
   b.   Find the coordinates of the vertex
   c.   Write the axis of symmetry
   d.   Find the x-intercept(s)
   e.   Find the y-intercept(s)
   f.   Graph and label the points

Exam Information: There will be four tests and a comprehensive final examination. The lowest of the four tests will be dropped and will be replaced with a prorated portion of the final exam score, if it is greater than your lowest test score. No make up tests are allowed, unless a valid reason exists with proof. Students requesting a make up exam will be required to justify and document their reasons for missing a test.

Homework Information: Homework will be assigned and collected the day you take your tests. Refer to the testing schedule to determine the days your homework is due.

Grade Information   Grades are determined by the amount of points that are earned.

Point Distribution		Scale	
Test 1	150 points	1000 to 900 points	**A**
Test 2	150 points	899 to 800 points	**B**
Test 3	150 points	799 to 700 points	**C**
Test 4	150 points	699 to 600 points	**D**
Homework	100 points	599 to 0 points	**F**
Final	300 points		

Calculator Policy: No calculators will be used in this class.

Attendance Policy: The student is expected to attend every meeting of all classes for which he or she is registered. It is the responsibility of the student to notify the instructor of circumstances which will prevent attendance at any meeting of the class. Whenever absence in hours exceed the number of hours the class meets per week, students may be excluded from class by the instructor. It is the student's responsibility to drop from a course, if they intend to no longer be enrolled in the course.

DSPS: Students with disabilities who need reasonable accommodation should promptly alert the instructor, then provide verification of disability to the Disabled Students Program located in E1-106 or call (323) 265-8787 to make an appointment. If a student with a disability feels that accommodations offered are inappropriate or insufficient, she/he should seek the assistance of the DSP&S Coordinator and/or the Vice President of Student Services.

9803.28 Academic Dishonesty. Violations of Academic Integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade.

Cheating Policy: Cheating constitutes academic dishonesty and will be handled as part of the grading process. If students are caught cheating on a test, or final, there will be a zero assigned for the assignment and a letter written to the Dean of Students, or International Student's Office, requesting they take formal action against the student.

Incomplete Policy: Incompletes are given to those students that can say yes to all of the following questions.

1. You have an emergency that requires you to miss instruction.
2. The emergency has taken place after the withdrawal deadline.
3. You are passing at the time of the emergency and incomplete request.

If a student is earning a grade not o his/her satisfaction, then the student may petition to repeat the course.

Class Rules: The following rules will be enforced.

1. Talking is prohibited during course instruction, tests, and final examination. This distracts the instructor as well as neighboring students, so please be courteous.

2. If you are late, please enter the room quietly and discretely. This distracts the instructor as well as neighboring students, so please be courteous.

3. Turn off your cell phones or put them on vibrate during class time. This distracts the instructor as well as neighboring students, so please be courteous.

4. Any student who disrupts the class in any manner by talking, cursing, laughing, or in any other way, will be warned once and dropped from the course, if the behavior continues. I will not reinstate you once I've dropped you for behavior.

	Monday	Tuesday	Wednesday	Thursday
Week 1	17-Jul Introduction Linear Inequalities Absolute Value Equations	18-Jul Compound Inequalities	19-Jul Absolute Value Equations	20-Jul Absolute Value Inequalities
Week 2	24-Jul **Test 1** Square Roots Cube Roots	25-Jul Simplifying Radicals Add/Subtract Radicals	26-Jul Multiplying Radicals Dividing Radicals	27-Jul Complex Add//Subtraction Complex Mult/Division
Week 3	31-Jul **Test 2** Square Root Formula Quadratic Formula	1-Aug Radical Equations Quadratic In form	2-Aug Complete The Square Graphing Quadratics	3-Aug Non Linear Inequalities Conic Sections
Week 4	7-Aug **Test 3** Functions	8-Aug Inverse functions Exponential Functions	9-Aug Logarithmic Functions	10-Aug Exponential Equations Logarithmic Equations
Week 5	14-Aug **Test 4** Exponential Applications	15-Aug Systems of Linear Equations	16-Aug System of Linear Equations	17-Aug *Final Exam* *8:00 AM to 10:00 AM* *Gs-008*