COURSE: Math 232 College Algebra   Spring, 2017   CRN: 30532
Meeting days and times: Tues, Thurs 8:30 – 9:50 am, Room 4112

PREREQUISITE: Math 127 or 128, with a C or better, or the equivalent, or placement by exam.

COURSE DESCRIPTION: Welcome to College Algebra! This course furthers your study of algebra, especially with regard to functions (linear, quadratic, polynomial, rational, exponential, and logarithmic) and how those functions are used to model data. We will also be studying matrices and their use as a tool to solve systems of equations, and Conic Sections.

This course, along with Math 230, Math for the Humanities, and Math 247 Introductory Statistics, fulfills the general education transfer requirement for Quantitative Reasoning (for Cuesta College courses that fulfill IGETC requirements, go to http://www.cuesta.edu/student/documents/counseling/IGETC.pdf). It is not intended to prepare you for calculus and higher level math, science, or business courses. If your major is in business or the sciences then you will need to take Math 242, Precalculus Algebra. Please come see me if you aren't sure this is the class you need.

STUDENT LEARNING OUTCOMES: The course outline and student learning outcomes for this course can be found here: http://www.curricunet.com/Cuesta/reports/crs_outline.cfm?courses_id=7298

INSTRUCTOR: Peggy Wright   **Phone:** 546 - 3100 ext. 2586   **email:** pwright@cuesta.edu

Office: SLO, Room 3439   **Office Hours:** M,W 12 – 1:30 pm   **Math Lab Hours:** T, R 3:30 – 4:30 pm

Website: www.wrightmath.info   (Note: All course information will be posted on the website, not on MyCuesta.)

REQUIRED COURSE MATERIALS

Textbook: College Algebra, Graphs and Models, 5th edition; Bittinger/Beecher/Ellenbogen/Penna
ISBN-13: 978-0321783950   ISBN-10: 0321783956

 You DO NOT NEED MyMathLab (for access to online homework). This means renting or getting a used textbook is fine.

A custom version for the textbook is available for sale in the Cuesta College bookstore ($89.75, used). The custom version is the same as the regular version of the textbook but Chapter 8 has been omitted.

The regular version (which can be sold back to anyone, not just Cuesta students) is available on Amazon and elsewhere online for rent ($17), and for sale (from $31, used). Since it is so easy and economical to rent the textbook, I will expect you to have a copy and we will be using the book in class.

Be sure to get the 5th edition of the textbook!

Calculator: You will need a graphing calculator for this course. Either a TI-83 or T-84 is the best choice for this class since there will class demonstrations and practice with these specific calculators. If you use a different graphing calculator then you'll have to teach yourself how to work it.

You can buy a calculator online (Amazon) for around $90, new, or $30, used. TI-83 calculators will work fine and are the least expensive.

Pencil! All work turned in for credit (tests, quizzes, labs, etc.) should be done in pencil only!

HOMEWORK: Problems from the text will be given on the course webpage. You should read the section, then do the assigned problems by the class meeting following the lecture on that topic.   If you get stuck on a problem in the homework, you can ask about it at the beginning of the next class meeting, and time permitting, we will go over it. If you get stuck on the entire assignment or even several of the problems, then you should get help outside of class before the next class meeting. Don't wait until right before the exam! Come to office hours, get a tutor, consult another student, etc.

Homework will be collected on the day of each exam and will be graded based on completeness. You have to show work for credit on homework.

QUIZZES/GROUP WORK: Most weeks we will have either a team quiz or a group work activity. *You have to be present in class in order to take the quiz.* Please do not ask to take a quiz early or late. The lowest score will be dropped (including a missing score due to an absence).

GRADING:		Your percent score in the course will be figured out of 500 total points. Please keep track of your grades as your work is returned to you. You can calculate your percent score in the class at any time by adding all of the points you've earned and dividing by the points possible. The <u>score on the final will replace the lowest test score</u> (including a missed exam).
Exams (3)	300 points (60%)	
Homework (4)	50 points (10%)	
Quizzes (10)	50 points (10%)	
Final	100 points (20%)	
Total	**500 points**	Grading scale: A: 90 – 100%, B: 80 – 89%, C: 70 – 79%, D: 60 – 69%, F: 59% or less

FINAL EXAM DATE and TIME: Tuesday, May 16, 2017   9:45 – 11:45 am
<u>The percent score on the final will replace the lowest test score</u> (including a missed exam).

POLICY ON LATE WORK and MAKE-UPS:
No make-up exams will be given, except in the case of a <u>genuine emergency</u>, in which case you must contact me **on the day of the test or before**. For any make-up exams, there will be an automatic 10 point deduction.   Remember that the final exam score will replace your lowest test score, including a missed exam.

Quizzes cannot be made up or taken early. The lowest quiz score will be dropped.

Homework is due on the day of the exam.   There will be a 1 point deduction in points for each day homework is turned in after the due date.

CLASSROOM CONDUCT/ACADEMIC DISHONESTY: Be respectful to and insist on being respected by anyone and everyone in class. Keep your comments positive, come to class on time, don't wander in and out of class, don't leave early unless you've cleared it with me beforehand, use your smart phone for class activities only, not for personal business, leave your earbuds in your backpack or pocket. Etc.

Policy On Cheating: Don't. Don't copy other people's work, don't give your work to others to copy, don't bring notes to exams or hide formulas in your calculator. Consquences for cheating can range from receiving no credit on homework/ quizzes/exams to being subjected to academic discipline to having an anotation put on your transcript labeling you as academically dishonest to dismissal from the college.

ATTENDANCE POLICY
If you miss class during the first two weeks without a compelling reason, I will drop you in order to add someone on the waiting list. If you miss more than 4 classes you may be dropped from the course. Leaving early counts as an absence. Please contact me if you are having trouble getting to class for any reason! <u>Finally, it is your responsibility to withdraw from the course if you stop attending</u>! Don't assume the instructor will "officially" drop you. Neglecting to drop will result in your getting an "F" for this class

HELP!   There are many resources available to help you to be successful in this class, such as...

> **Office hours:** Please come to see me during office hours for assistance with anything you're having difficulty with (homework problems, a concept you're not understanding, test-taking strategies, etc.)

> **Tutors:**
>> **One-on-one:** Tutors (free) are available in the Tutoring Center for one-on-one or group tutoring. Sign up early!
>> **Private tutors:** The tutoring center also keeps a list of private tutors for hire.
>> **Drop-In Math Lab:**   Great place to do your homework and get help if you get stuck
>> - on the **SLO Campus, Room 3304:** Monday - Thursday, 8:00 am – 6:00 pm;   Friday, 8:00 am – 1:00 pm
>> - on the **NCC Campus, N3129A:**   Monday - Thursday, 9:00 am – 7:00 pm

STUDENTS WITH DISABILITIES : If you have a learning or physical disability and might need accommodations in this class, please contact Disabled Student Program & Services in Building 3300 as soon as possible to ensure that you receive the accommodations as soon as possible. I encourage you to come talk to me about any questions, concerns, or needs that you have.

Grade Record Sheet

Use the following spaces to record your scores as you get back your homework, quizzes and tests. Use the formula at the bottom to determine what grade you need on the final exam to get the grade you want in the class.

Test Scores: (100 points per test)

Exam	1	2	3
SCORE			

Homework Scores (12.5 pts per packet)

Packet	1	2	3	4
SCORE				

Team Quiz Scores (5 pts each)

Quiz/Date	1	2	3	4	5	6
SCORE						
Quiz/Date	7	8	9	10	11	12
SCORE						

To determine your current percent score in the class, add all the points you've earned and divide by the total points possible.

How to determine what you need on the final exam to get the grade you want:

Let P = the final percent you need in the course to get the grade you want. Ex: For an "A", P = 90, for a "B", P = 80, etc.

Put this P-value into the equation below then solve for x, where x = the final exam score you need to get that percent.

$$.80(\text{Total Points Earned}) + .20x = P$$