COURSE: Math 128 Applied Beginning & Intermediate Algebra Fall, 2016
Meeting days and times: M,T,W,R 2:00 – 3:30 pm, Room: 1702 CRN: 73350

PREREQUISITE: Prealgebra, Math 007, with a C or better, or the equivalent, or placement by exam.

COURSE DESCRIPTION: Welcome to Applied Algebra! This course is designed it to meet the needs of students who are pursuing degrees and/or certificates in non-science/non-technology areas. Taking this course allows you to advance in one semester to transfer level math, specifically Math 236, Statistics, and/or Math 232, College Algebra, instead of having to take the more technical and rigorous route through Math 123 and Math 127. This course also satisfies the general education math requirement for an AA degree.

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: Applied Elementary and Intermediate Algebra, Custom Edition; Bennett, Briggs, Lehmann.
Note: This textbook is available only through the Cuesta College Bookstore.

Pencil! All homework, quizzes and tests must be done in pencil only!
Graph Paper: You are not required to use graph paper, however since we'll be doing quite a lot of graphing in this class, you may find doing your homework on the larger-ruled, blue-and-white graph paper very helpful.

Calculator: You are required to have a scientific calculator for this course. You are not required to have a graphing calculator, but you will using graphing technology as part of the course. *Graphing calculators will not be allowed on exams*; only scientific calculators may be used.

GRADING:

Tests (5)	60%	**The grade you earn in the course will be based on your overall percentage score, with the following percent ranges and grades:**
Final Exam (Cumulative)	20%	
Group Work/Quizzes	10%	A 90-100% B 80-89% C 70-79% D 60-69%
Homework	10%	
Note: No test scores are dropped but the final exam score will replace the lowest test score, including a missed exam.		F Below 60%

HOMEWORK: Problems from the text will be given on the course webpage. You should read the section, then do the assigned problems by the next class meeting after 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, go to the Math Lab, get a tutor, consult another student, etc.

Homework will be collected on the day of each exam.

You are expected to "self-assess" meaning you will check your answers, fix any errors, and score each assignment based on the number of problems correctly completed (including any wrong answers that you went back and fixed!) over the total number of problems assigned. I will spot check your assessment and if you've been accurate, that's great! However, if you give yourself credit for problems you haven't done, or haven't done correctly or haven't shown work for, *then the assignment will receive no credit*. Please be accurate and honest in your grading!

QUIZZES: We will have a team quiz on most Thursdays. For these quizzes, you'll hand in your own paper but will discuss the problems and the solutions with other students in the class.

POLICY ON LATE WORK and MAKE-UPS:
EXAMS: No make-up exams will be given, except in the case of genuine emergency, in which case you must contact me *on or before the day of the test*. There will be an automatic 10 point deduction on an exam taken late.
HOMEWORK: Homework is due on the day of the exam. If you hand in the homework late, it will lose 1 point per day, so it's best to hand in what you've completed on the day of the exam.
QUIZZES/GROUPWORK: No make-up or early quizzes or group work will be given but the lowest score will be dropped

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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 cheat. 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. Consequences for cheating can range from receiving no credit on homework/ quizzes/exams to being subjected to academic discipline to having an annotation put on your transcript labeling you as academically dishonest to dismissal from the college.

ATTENDANCE/DROP POLICY: Regular class attendance is essential for your success in this course. If you are absent during the first two weeks of class and don't contact me, I will drop you and add someone on the waiting list. If you have more than 3 absences during the semester, you may be dropped--please send me an email if you must be absent for any reason.
Be sure to obtain at least one other student's phone number so you can call that person in the event that you miss class and need info about what went on. **You are responsible for anything covered in class** such as changes in test dates, worksheets distributed in class, or additional homework assignments, announcements of quizzes, etc..

Please do *not* leave class early unless you have cleared it with me beforehand.

Finally, it is the student's responsibility to drop a class he/she is no longer attending.

LATE ADDS: If you are adding and have missed any of the first days of class, **then you are responsible for catching up on all missed material** and all information given in the class. Also, please add the course as soon as you receive an add code.

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 on anything you're having difficulty with (homework problems, a concept you're not understanding, test taking strategies, etc.)

Tutors: Tutors are available in the Math Lab (Drop-In Math Tutoring), room 3304, and in the Tutoring Center in the High Tech (3300) Building. You can drop into the Math Lab any time to get help with your homework.

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 and talk to me about any questions, concerns or needs that you have….I'd like to help!

IMPORTANT DATES:

Last day to add course or drop without a "W": Sunday, August 28, 2016
Last day to select Pass/No Pass grading option:
Last day to drop with a "W": Sunday, November 6, 2016

Final exam day and time: Monday, December 12, 2:15 – 4:15 pm

STUDENT LEARNING OUTCOMES: The SLO's and course outline can be found at the following location:
http://www.curricunet.com/Cuesta/reports/crs_outline.cfm?courses_id=2980

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 your grade at any time during the semester.

Test Scores: (120 points per test)

Exam	1	2	3	4	5
SCORE					

Homework Scores (20 pts per packet)

Packet	1	2	3	4	5
SCORE					

Team Quiz Scores (10 pts each)

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

<u>Method 1</u>: Add all the points you've earned and divide by the total points possible.

<u>Method 2</u>: Find the "Weighted Average"

1. Calculate your overall test score, T: $T = \dfrac{\text{sum of your test points}}{\text{total test points possible}}$

2. Calculate your overall homework score, H: $H = \dfrac{\text{sum of your HW points}}{\text{total HW points possible}}$

3. Calculate your overall quiz score, Q: $Q = \dfrac{\text{sum of your quiz points}}{\text{total quiz points possible}}$

4. Find your current grade (as a percent) in the class: $\text{Current Grade} = \dfrac{60T + 10H + 10Q}{80}$

<u>How to determine what you need on the final exam to get the grade you want:</u>

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.

$$60T + 10H + 10Q + 20x = P$$