Math 155, SRJC, Spring 2017	**Syllabus**	Instructor: Sandi Nieto
Section 5166 4 units		Phone: 707-527-4350
Intermediate Algebra MW 9-11 am, rm1715		Email: snieto@santarosa.edu
Office Hours: MW 11-11:30, 2:30-3; TTh 10:30-11:30		Office: Bussman 1498
Final Exam : Wednesday, May 24, 7am-9:45pm		MyMathLab Course ID: nieto77313

Prerequisite: A grade of a C or better in Math 150B or 151 (Elementary Algebra) or equivalent

Course topics: Solving linear, quadratic, rational and radical equations, functions, domain, range, applications and modeling, systems of equations, matrices, exponential and logarithmic equations, sequences and series, and pascal's triangle.

Materials:

Required: Online Homework System. The student version of MyMathLab (an online homework, tutorial, and assessment system that is correlated to the textbook) is required. To register, go to www.coursecompass.com. You'll need the course ID: nieto77313 and either an access code (provided with new textbooks at the bookstore) OR a credit card payment online. The tech support phone number is 1-800-677-6337.

Required: A non CAS graphing calculator and pencil with you daily, ASAP. (TI-83, TI-83 plus or 84 plus) Some test questions require the use of a graphing calculator. You are not allowed to share calculators during an exam or quiz. There are some available at the library for checkout for the entire semester.

Recommended: Intermediate Algebra, A graphing approach 5Ed by Martin Gay. ISBN 0321880145. With MyMathLab, you have access to an electronic version of the text. Therefore an actual hard copy is optional. Engineering paper is strongly recommended for written homework.

Tests: We will have 4 tests. Each test is to be completed in pencil for full credit. Use the restroom before any and all tests. There are NO MAKE-UP tests, no exceptions. If your overall homework score is 70% or higher, your final exam score is at least a C, and you have excellent attendance THEN the lowest score of the 4 tests can be replaced with your final exam score. The final exam will be cumulative on Wednesday, May 24, 7am-9:45 am. You must take this exam on this date and time to pass the class. Finals will not be given at any other time or day, so plan accordingly.

Extra credit?? There is none.

Homework: Online homework will be assigned daily and due by the next class meeting. Any homework done after the due date has a 30% deduction. MyMathLab Assignments for entire semester are available online.
      Handwritten homework collected on MONDAYS at 9 am is to be done in pencil for full credit. These written assignments will consist of problems from the textbook and worksheets. These are due at 9 am, no exception. No LATE papers will be accepted. Your lowest written homework score will be dropped. **Use full size 8.5 by 11 in paper with no torn edges, stapled <u>for any credit</u>. Use graph or engineering paper <u>for any and all graphs</u>**.

Help: Questions from the homework assignment from the previous class meeting will be entertained in the first five minutes of each class meeting. I encourage you to please attend my office hours. Also I suggest you use the Tutorial Center in the library, the computer lab in Shuhaw 1733 and 1735. Also, MyMathLab gives you tons of support as well.   Do NOT wait to get help, get it ASAP from someone--

Attendance and Participation: Tardiness will not be tolerated. We will begin promptly at 9 am. It is your responsibility to come prepared to class each day, ready to participate and answer/ask questions on the current material. All assignments are available online and you have the schedule of topics.

Grading:	Tests	4 at 15% each	60%
	Final Exam	1 at 25%	25%
	Homework	lots(written and online)	15%

Grade breakdown: ≥ 90 A; ≥ 80 B; ≥ 69 C; ≥ 58 D;   below 58 F

All phones are to be turned OFF and put AWAY during ALL class meetings

NO texting in class

Important dates to remember:
Last day to drop WITHOUT a W	*Feb 5*
Last day to drop with a W	*April 23*

Your time commitment: To really learn mathematics, you have to spend some time outside of class regularly working on it. For every one hour in class, you should plan for two hours of study and practice outside of class daily.

CHEATING & PLAGIARISM
Students who cheat, plagiarize, or assist such students will receive an F in the course. The college may have additional consequences for such students. Although students are encouraged to work together outside of class, students must hand in their own work.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disability Resources (527-4278), Bertolini Student Center, Third Floor, Room 4844, as soon as possible to better ensure such accommodations are implemented in a timely fashion.

EMERGENCY EVACUATION PLAN
In the event of an emergency during class that requires evacuation of the building, please leave the class immediately, but calmly. Our class will meet on the road outside the building to make sure everyone got out of the building safely and to receive further instructions. If you are a student with a disability who may need assistance in an evacuation, please see your instructor as soon as possible to discuss an evacuation plan.

Course outline: https://portal.santarosa.edu/SRweb/SR_CourseOutlines.aspx?CVID=25632&Semester=20157

You are expected to read your text before class and attempt some problems----

Do the work, get help **as soon as you** are stuck, and you will succeed!!

You might even have some fun?? ☺

Written homework for Math 155 Spring 2017, Nieto

Intermediate Algebra, A Graphing Approach, 5th Ed. Martin Gay

HW#	Due:	Assignment
1	M 1/23	P. 92 Ch 1 Review: 119, 127, 143
		P. 113 2.1: 72
2	M 1/30	p. 199 Ch 2 Review: 25, 26, 42, 58, 61, 73, 82
3	M 2/6	P.199 Ch 2 Review: 85, 94
		P. 261 Ch 3 Review: 13, 23
4	M 2/13	p. 261 Ch 3 Review: 34, 37
		P276 4.1: 23, 29, 47
5	W 2/22	p. 316 Ch 4 Review: 7 by hand w/elimination, 7 w/matrices BY HAND, 21, 43
6	M 2/27	p.398 Ch 5 Review:43, 46, 53, 59, 63, 72, 77
7	M 3/6	p.398 Ch 5 Review:79, 83, 86, 90, 92, 99, 109, 114, 132, 138
8	M 3/13	p.473 Ch 6 Review: 7, 10, 15, 19, 37, 43
9	M 3/27	p.473 Ch 6 Review:65, 67, 79
		p. 538 CH 7 Review: 9, 25, 61, 69
10	M 4/3	P. 539 CH 7 Review: 90, 95, 96, 100, 104, 109, 120, 121, 132, 137
11	M 4/10	p684 Ch 9 Review: 2,5, 8, 9, 23, 29
12	M 4/17	p684 Ch 9 Review: 33, 37, 43, 47, 49
13	M 4/24	p684 Ch 9 Review: 61, 63, 70, 74, 85, 90
14	M 5/1	p684 Ch 9 Review: 38(by hand label 3 points), 40(by hand label 3 points), 89
15	M 5/8	p 614 Ch 8 Review: 1, 4, 5, 15, 19
16	M 5/15	p. 614 Ch 8 review: 41, 45, 47, 50

P. 731 11.1: 15, 23

*** There may be additional written homework announced and assigned in class.***

Date	Monday	TUESDAY	Wednesday	THURSDAY
Jan 16 **to** **Jan 19**	Martin Luther King Day No School		Introduction, Chapter 1 2.1 Graphing Equations	
Jan 23 **to** **Jan 26**	2.2 Introduction to functions 2.3 Graphing Linear Functions		2.4 The Slope of a Line 2.5 Equations of lines	
Jan 30 **to** **Feb 2**	2.5 Equations of lines 3.1 Solving Linear Equations Graphically		3.2 Linear Inequalities 3.3 Compound Inequalities	
Feb 6 **to** **Feb 9**	3.4 Absolute value Equations 4.1 Systems of Linear Equations		**Test1 through 3**	
Feb 13 **to** **Feb 16**	4.2 Systems of Linear Equations 3 variables. 4.3 Applications		4.4 Matrices 4.5 Systems of Linear Inequalities	Teacher Work Day No School
Feb 20 **to** **Feb 23**	Washington Day No School		5.3 Polynomials 5.4 Multiplying Polynomials	
Feb 27 **to** **Mar 2**	5.5 GCF and Grouping 5.6 Factoring trinomials		5.7 Special Products trinomials 5.8 Solving Eqns with ZERO factor prop	
Mar 6 **to** **Mar 9**	**Test 2 CH4/CH 5**		6.1 Rational Functions 6.3 Complex Fractions	
Mar 13 **to** **Mar 16**	6.5 Rational eqns Fractions 6.7 Variation		7.1 Radical fxns 7.3 Simplify rad expressions	

Mar 20 *to* *Mar 23*	*Spring Break*	*Spring Break*	*Spring Break*	*Spring Break*
Mar 27 *to* *Mar 30*	7.4 +/-/* Rad expressions 7.5 Rationalizing expressions		7.6 Rad eqns 7.7 Complex Numbers	
Apr 3 *to* *Apr 6*	**TEST3 Ch 6 Ch7**		9.1 Algebra of functions 9.2 Inverse functions	
Apr 10 *to* *Apr 13*	9.3 Exponential functions		9.4 Growth and Decay 9.5 Logarithm functions	
Apr 17 *to* *Apr 20*	9.5 Logarithm functions 9.6 Props of Logs		9.6 Props of Logs 9.7 logs	
Apr 24 *to* *Apr 27*	9.7 logs 9.8 Apps		9.8 Apps	
May 1 *to* *May 4*	**TEST 4 CH 9**		8.1/8.2 quadratic eqns	
May 8 *to* *May 11*	8.5 quadratic functions & their graphs		8.6 More graphing 11.1 Sequences	
May 15 *to* *May 18*	11.3 Series 11.5 Pascals Triangle		Review	
May 22 *to* *May 25*			Final Exam 7:00am-9:45	