

# Math 27 Course Information – Fall 2022

## INSTRUCTOR

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**Office Hours:** MW 10:30 – 11:30; TTh 8:00 – 9:00

**Web Sites:** <http://profiles.santarosa.edu/john-martin>

[https://portal.santarosa.edu/SRWeb/SR\\_CourseOutlines.aspx?Semester=20227&CVID=51161](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?Semester=20227&CVID=51161)

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## PREREQUISITE

Completion of MATH 156 or MATH 154 or MATH 155 or AB705 placement into Math Tier3 or higher

## TEXT

*Precalculus: Real Mathematics, Real People*, Seventh Edition, Larson ISBN: 978-1-305-07170-4

## HOMEWORK

Assignments are to be done on Engineers Computation Pad. As a general rule, one homework assignment will be due every day that class meets. Assignments will be collected at the end of class. Late assignments will be accepted for penalty. See the next page of this handout for more details on homework policy and the format to be used.

## GROUPWORK

Once or twice a week class time will be allotted for groupwork. Groups of four will be formed to discuss and agree upon answers to two homework problems.

## WEEKLY REVIEWS

In addition to homework, one page of review problems will be made available online, on Thursday of each week, and collected at the beginning of class the following Thursday. The average of your top ten review scores will be used to compute the weekly review portion of your semester grade. **Late reviews will not be accepted.** You may make corrections to any mistakes that you have made on review problems. Write your corrections on a clean sheet of engineering paper and bring them, together with your review, to discuss with me in my office before the next review is due.

## EXAMS

Four, section exams will be given during the semester, roughly equally spaced. No make up exams will be given unless arrangements are made **before** the exam date. Sample exams from the last time I taught this course can be found on my website at the address given above.

The final exam is cumulative and will be given on **Wednesday, December 14**, from **7 am – 9:45 am**. Mark this date and time on your calendar. Make your travel and work plans accordingly. The final exam will not be given before finals week.

## GRADING

The following weighting factors and scale will be used to determine your semester grade.

HOMework:	15%	100 – 90:	A
GROUPWORK:	5%	89 – 80:	B
WEEKLY REVIEWS:	20%	79 – 65:	C
SECTION EXAMS:	40%	64 – 50:	D
FINAL EXAM:	20%		

If your homework average is greater than or equal to 70%, then your final exam score will replace your lowest section exam score (if it is higher) when computing your section exam average.

## CALCULATORS

Calculator demonstrations using the TI-84 will be part of most classroom discussions this semester. Many of the homework and review assignments will require you to use a graphing calculator. I recommend the TI-84. Some calculators have a built in Computer Algebra System (CAS), for example, the TI-89 and TI-Inspire, and are able to perform many of the operations of algebra. You may use these however, in order to earn full credit, you will be required to show steps in your work.

## ELECTRONIC DEVICES

The use of cell phones and MP3 players during class time is rude and inconsiderate. Please turn these devices off and put them away while you are in class. Repeat offenders will be asked to leave.

# Homework Information

## POLICY

Assignments will be collected at the end of class on the day that they are due. Work submitted after the class period during which it is due will be marked **LATE** and loses 4 points per class meeting. Only selected problems will be graded. Each assignment is worth a maximum of 12 points.

## FORMAT

All homework is to be submitted on Engineer's Computation Pad paper, which is available in the bookstore. The heading and format to be used on **each** page is shown below.

	MATH __ , Martin	Assignment # __	Joe Smith #20	$\frac{a}{b}$
○	Note: The fraction in the upper right hand corner tells (a) the individual sheet number of this page of your assignment and (b) the total number of sheets in your assignment.			

All work is to be done in **pencil** on the front side of the paper. Do not write on the back. Each answer must be supported by sufficient work and must be clearly displayed. Problems and sheets must be in their proper order and sheets must be fastened together by **staple**.

You may use either one column or two-column format as shown below. Note that in two-column format, a vertical line is drawn down the center of the page. Lines must be drawn between problems and each problem number should be clearly visible. Once you have selected a format for an assignment, do not change to the other format within that assignment.

○	Pg 100, #1			
○	#12			
○	#30			

➡ One Column

○	Pg 100, #1	#9		
○	#3	Pg 101, #12		
○	#5	#15		
○		#18		

Two Column ➡

It is to your advantage to present a paper that is neat and organized. Remember that someone else must read your work. (You may even want to read it yourself as you study for an exam!)