MATH 25   **Sara Jones**
Fall 2018   **sarajones@prodigy.net**
Precalculus Algebra Sec. 3853   **Office: Shuhaw 1714 527- 4296**
TH 1:30-3:00 PM   **1729 Shuhaw**

Office Hours: Mon. and Wed. 10:30-11:30 AM, Tues. and Thurs. 9-10 AM and by appointment
E-mail Hours: Wednesday 8-9 PM

Required Materials:
- PreCalculus: Mathematics for Calculus, Seventh Edition, by Stewart, Redlin, and Watson
- Access to WebAssign available in your SRJC-MyCubby
- A Graphing Calculator: TI-84 or TI-89
- 3 ring binder to keep text, classwork and homework

Course Outline and Student Learning Outcomes:
https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=38020&Semester=20187

Homework will be collected at the beginning of each class. Each section will be worth 20 points: 10 will be based on the Refrigerator Homework problems, and 10 points will be based on your computer homework. Refrigerator homework problems done from the text should be handed in stapled on top of your work for the computer homework for the same section and should be well labeled. Both should be done neatly with a two-column format, answers circled, and space left for comments between problems. Refrigerator Homework(RH) should be so complete, beautiful, and clear enough that it is suitable for display on your refrigerator. For Computer Homework(CH) you must state the problem and show all work, write the percentage correct on the top, and staple it to the back of your Refrigerator Homework. In cases of illness or emergency, late homework will be accepted but will be worth 7/10 for the Refrigerator part.

Quizzes will be given regularly. **Unannounced quizzes may be given at the beginning or end of any class**. You should ask for copies of missed quizzes to be completed at home and receive 7/10 credit. Any quiz on which you receive less than half credit may be corrected within a week to get up to half credit. The sum of the quiz grades will be worth a test grade.

In Class Test dates are listed below, and cannot be made up. The final is cumulative. Grade on final can replace a missed test grade. Test points have more weight than homework points.

GRADING: If you want to pass, come to class, do the homework, and see me if you need help!!

Tests (3 exams at 15% each): 45%
Final Exam 30%
Daily written homework 15%
Quizzes 10%
     Course grades use the following scale:
     A: 90-100   **B**: 80-89   **C**: 70-79   **D:** 60-69   **F:** 0-59

Example: Mr. Bill has scores of 70, 75, and 90 on his three tests and his final exam score is 70. His homework average is 567/600 = 94.5% and his quiz average is 100%. His course grade is then 0.15*(70+75+90) + 0.30*70 + 0.15*94.5 + 0.10*100 = 80.4, a B in the class.

Dates to remember:

September 4, ...	Labor Day No class
September 27, ...	Test 1
October 25, ...	Test 2
November 20, ...	Test 3
November 22, ...	Thanksgiving
December 20, ...	Final

Assistance can be found at the Mathematics Computer Lab, the MESA center, and the Tutorial Center in the Library, in my office, or via e-mail.
• The Math Department office has a list of private tutors. This list can be found on the Math Department web site at https://mathematics.santarosa.edu/tutor-list
• If you need disability related accommodations for this class, such as a note taker, test taking services, special furniture, use of service animal, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is in Bertolini Student Center, Third Floor, Room 4844 on the Santa Rosa campus, and the Petaluma Village on the Petaluma Campus.

Homework Hints

- Check odd answers in the back of your book. If you are assigned an even problem and don't know what the answer should include, look at the previous odd answer for the correct form.
- Ask for help before the class in which the assignment is due. I am happy to help.
- Write in complete sentences and equations. Learn the correct notation and symbols as soon as possible.
- Collaborate with a classmate to check answers and work on the problems.
- Fold paper to form two columns. Circle or box Answers. Leave blank space between problem for corrections and comments.

Classroom Conduct

- Please turn off and put away all phones, pagers, music, etc. upon entering class. If I **see or hear** your phone or any other electronic device during class besides your calculator, you will be asked to leave class for the day. You will not be able to make up any work missed.
- If you are caught cheating, you will receive a zero for that test/assignment. You will also be suspended from class for two class meetings and you will not be allowed to make up any missed work. If you are caught cheating there will also be a letter written to the Vice President of Student Services to report the incident. The Vice President may then take additional disciplinary action ranging from reprimand to expulsion.
- The SRJC Rights and Responsibilities for students can be found at the following site: https://studentlife.santarosa.edu/rights-and-responsibilities

Emergency Evacuation Plan

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately and calmly. Our class will meet on the lawn in front of Shuhaw 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 me as soon as possible to discuss an evacuation plan.

Student Success

- Come to class ready to learn.
- Make sure you eat, sleep and exercise.
- Read the material that will be covered before and after class.
- Always complete homework on time.
- Turn in all homework and quizzes.
- If you miss class, contact me via email immediately to schedule and make up any missed work.
- Do a little homework each day.
- Work for this class will take between 4 and 6 hours outside of class each week. Be sure to schedule time to complete this work at the beginning of the semester.
- Enlist support from employers and loved ones right now.
- Get to know and work with classmates outside of class time.
- Keep a binder containing all classwork and record grades on Homework Assignment Sheet
- Use pencil ONLY and erase your mistakes.
- Health issues (physical and mental) can interfere with your academic success. Student Health Services is here to support you. Details are at shs.santarosa.edu.

3853	Precalculus Algebra	Math 25	Jones Fall 2018
Tues	1:30 - 3:00 PM	Thurs	1729 Shuhaw
21-Aug	Introduction	23-Aug	1.8 Inequalities
	1.5 Solving Equations		1.9 Coordinate Geometry
28-Aug	1.10 Lines	30-Aug	2.1 Functions
	1.11 Solving Graphically		
4-Sep	Holiday	6-Sep	2.2 Graphs of Functions
			2.3 Getting info from Graph
11-Sep	2.4 Average Rate of Change	13-Sep	2.7 Combining Functions
	2.5 Linear Models		
18-Sep	2.8 One to One functions	20-Sep	3.1 Quadratic Functions
	and Their Inverses		
25-Sep	Review	27-Sep	Test 1
			Chapters 1 and 2
2-Oct	3.1 Quadratic Functions	4-Oct	3.2 Polynomial Functions
	MWF Modeling With Functions		MWF Modeling With Functions
9-Oct	3.3 Dividing Polynomials	11-Oct	3.5 Complex Numbers
	3.4 Real Zeros of Polynomials		3.6 The Fundamental Theorem of Algebra
16-Oct	3.7 Rational Functions	18-Oct	4.1 Exponential Functions
23-Oct	Review	25-Oct	Test 2
			Chapter 3
30-Oct	4.2 The Natural Exp. Function	1-Nov	4.3 Logarithmic Functions
			4.4 Laws of Logarithms
6-Nov	4.5 Exponential and Logarithmic	8-Nov	4.6 Exponential Growth and Decay
	Equations		
13-Nov	10.8 Systems of Nonlinear Equations	15-Nov	Review
	10.9 Systems of Nonlinear Inequalities		
20-Nov	Test 3	22-Nov	Holiday
	Chapter 4 and 10		
27-Nov	8.4 Parametric Equations	29-Nov	12.1 Sequences and Summation Notation
4-Dec	12.2 Arithmetic Sequences	6-Dec	13.1 Limits
	12.3 Geometric Sequences		
11-Dec	Review	13-Dec	Review
		20-Dec	Final 1:00 - 4:00 PM
			Cumulative

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Tues	1:30 - 3:00 PM	Thurs	1729 Shuhaw
21-Aug	Introduction	23-Aug	1.5 #28,34,91,98,106
28-Aug	1.8 # 44,64,80,90,112	30-Aug	1.10 # 20,30,34,50,86
	1.9 # 22,42,58,76,94		
4-Sep	Holiday	6-Sep	1.11 #4,6,16,21,43
			2.1 # 32,38,48,70,79
11-Sep	2.2 # 24,46,50,64	13-Sep	2.3 # 8,9,20,46,47
			2.4 #7,16,35,37
18-Sep	2.5 # 32,42,46	20-Sep	2.6 # 20,50,68,72,78
			2.7 # 16,20,36,52
25-Sep	Practice Test 1	27-Sep	Test 1
	2.8 #40,54,74,86,90		Chapters 1 and 2
2-Oct	3.1 # 18,32,52,54,63,64	4-Oct	MWF # 16,18,21,22,28
9-Oct	3.2 # 1,7,24,38,52	11-Oct	3.4 # 14,42,52,62,102
	3.3 # 8,11,32,41,62,74		
16-Oct	3.5 # 26,36,46,56,66	18-Oct	3.6 # 30,38,54,63,71
			3.7 # 5,18,27,40,44
23-Oct	Practice Test 3	25-Oct	Test 2
			Chapter 3
30-Oct	4.1 # 9,18,24,34,60	1-Nov	4.2 # 8,14,24,26,34
6-Nov	4.3 # 8,30,56,69,84	8-Nov	4.4 # 10,44,46,54,62
13-Nov	4.5 # 68,72,80,84,92	15-Nov	Practice Test 3
	4.6 # 2,14,16,24,26		
20-Nov	Test 3	22-Nov	Holiday
	Chapter 4		
27-Nov	10.8 # 8,14,16,26,40	29-Nov	10.9 # 10,28,38,44,56,58
4-Dec	8.4 # 2,6,7,10,30	6-Dec	12.1 # 14,16,24,37,40,43,48,54
11-Dec	12.2 # 16,24,30,42,48,54	13-Dec	13.1 # 6,18,20,27,30
	12.3 # 34,52,68,93,98		
		20-Dec	Final 7:00 AM - 10:00 AM
			Cumulative