MATH 1A
Fall 2018
Calculus I Sec. 1072
MW 7:30 – 8:30 AM , TH 7:30-9:00 AM

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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:

- Calculus: Early Transcendentals, Eighth Edition, by Stewart
- 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=25439&Semester=20147

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 (4 exams at 12% each):	48%
Final Exam	30%
Daily written homework	12%
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 65, 70, 75, and 90 on his four 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 0.12*(65 + 70 + 75 + 90) + 0.30*70 + 0.12*94.5 + 0.10*100 = 78.3, a C in the class.

Dates to remember:

September 3 and 4, ...	Labor Day No class
September 13, ...	Test 1
October 11, ...	Test 2
November 1, ...	Test 3
November 12, ...	Veteran's Day
November 22, ...	Thanksgiving
November 29,.....	Test 4
December 17, ...	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.

1072	Calculus 1 A	Jones	Spring 2017
Monday 7:30-8:30	Tuesday 7:30-9:00	Wednesday 7:30-8:30	Thursday 7:30-9:00
20-Aug	**21-Aug**	**22-Aug**	**23-Aug**
Introduction	2.1 Tangent and velocity Problems	2.2 Limits	2.3 Limit Laws
27-Aug	**28-Aug**	**29-Aug**	**30-Aug**
2.5 Continuity	2.6 Horizontal Asymptotes	2.7 Derivatives, Rate of Change	
3-Sep	**4-Sep**	**5-Sep**	**6-Sep**
Holiday	Holiday	2.8 Derivative as a Function	3.1 Power Rule
10-Sep	**11-Sep**	**12-Sep**	**13-Sep**
3.2 Product and Quotient Rules	3.2 Product and Quotient Rules	Review	Test 1
17-Sep	**18-Sep**	**19-Sep**	**20-Sep**
3.3 Derivatives of Trig Functions	3.4 The Chain Rule	3.5 Implicit Differentiation	
24-Sep	**25-Sep**	**26-Sep**	**27-Sep**
3.5b Derivatives of Inverse Trig. Functions	3.6 Derivatives of Logarithmic Functions	3.7 Rate of Change Applications	
1-Oct	**2-Oct**	**3-Oct**	**4-Oct**
3.8 Exponential Growth and Decay	3.9 Related Rates	3.9 Related Rates	
8-Oct	**9-Oct**	**10-Oct**	**11-Oct**
3.10 Differentials	3.11 Hyperbolic Functions	Review	Test 2
15-Oct	**16-Oct**	**17-Oct**	**18-Oct**
4.1 Maximum and Minimum Values	4.2 Rolle's and Mean Value Theorems	4.3 Derivatives and the Shape of the Graph	
22-Oct	**23-Oct**	**24-Oct**	**25-Oct**
4.4 Indeterminate Forms, l'Hospital's	4.5 Derivatives and the Shape of the Graph	4.7a Optimization Problems	
29-Oct	**30-Oct**	**31-Oct**	**1-Nov**
4.7b Optimization Problems	4.9a Anti-derivatives	Midterm Review	Test 3
5-Nov	**6-Nov**	**7-Nov**	**8-Nov**
5.1 Areas and Distances	5.2 The Definite Integral	5.3a Fundamental Theorem of Calculus	
12-Nov	**13-Nov**	**14-Nov**	**15-Nov**
Veteran's Day	5.3b Fundamental Theorem of Calculus	5.4 Indefinite Integrals	5.5 u-Substitution
19-Nov	**20-Nov**	**21-Nov**	**22-Nov**
6.1 Area between Curves	6.2 Volumes of Revolution: Disks and Washers	6.3 Volumes of Revolution: Cylindrical Shells	Thanksgiving
26-Nov	**27-Nov**	**28-Nov**	**29-Nov**
6.5 Average Value of a Function	8.1 Arc Length	Review	Test 4
3-Dec	**4-Dec**	**5-Dec**	**6-Dec**
7.6 Integration Using Tables	7.7 Approximate Integration	9.1- 9.3 Separable Differential Equations	
10-Dec	**11-Dec**	**12-Dec**	**13-Dec**
	Review	Review	Review
17-Dec	**18-Dec**	**19-Dec**	**20-Dec**
Final 7- 10 AM			

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Week	Tuesday 5:30-8:00 pm	Thurs.	Thursday 1711 Shuhaw
21-Aug		23-Aug	2.1 # 1,3,5,6,8
			2.2 # 4,6,16,32
28-Aug	2.3 # 2,21,44,50,60	30-Aug	2.6 # 18,22,38,40
	2.5 # 3,10,22,24,46		Trig Review AD # 4,14,24,34,65,75,85,
4-Sep	Holiday	6-Sep	2.7 # 8,11,14
			2.8 # 2,6,10,18,38
11-Sep	3.1 # 18,26,39,62	13-Sep	Practice Test 1
	3.2 # 6,34,44		Test 1
18-Sep	3.3 # 4,8,35,42,43	20-Sep	3.4 # 4,8,44,58,69
			3.5a # 6,17,20
25-Sep	3.5b # 31,45,50,58,67	27-Sep	3.7 # 8,10,20,32
	3.6 # 12,30,36,42,50		3.9a # 2,6,10,12,16
2-Oct	3.9b # 20,25,39	4-Oct	3.11 # 9,17,37,41,45
	3.10 # 2,3,13,17,25,28		
9-Oct	4.1 # 4,10,16,20,36,50	11-Oct	Test 2
			4.2 # 14,16,25
16-Oct	4.3a # 5,7,13,20	18-Oct	4.4 # 20,26,50,60
	4.3b # 8,12,56		4.7a #22,26
23-Oct	4.7b # 25,29,38,42,73	25-Oct	4.9b # 34,44,66
	4.9a # 10,26,30		
30-Oct	Practice Midterm	1-Nov	Midterm
6-Nov	5.1 # 4,6,16,23	8-Nov	5.2 # 16,19,27,35,49,53
			5.3a # 13,18,20
13-Nov	5.3b # 24,26,38,56,62	15-Nov	5.4 # 2,12,61
			5.5 # 12,20,36,50,60
20-Nov	6.1 # 6,10,18,20	22-Nov	6.3 # 4,10,24,38
	6.2 # 18,26,34		6.5 # 7,10,14,19
27-Nov	Review	29-Nov	Test 3
	8.1 # 4,19,27		
4-Dec	7.6 # 2,8,20,26	6-Dec	7.7 # 2,3,5,6
			9.1 # 1,6
11-Dec	9.3 # 2,9,10,12,18	13-Dec	Practice Final
17-December	Final 7:00 AM-9:45 AM		