MATH 16	**Sara Jones**
Fall 2018	**sarajones@prodigy.net**
Brief Calculus Sec. 1105	**Office: Shuhaw 1714 527- 4296**
MW 8:30 – 10:30 AM	**1727 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:
- Calculus and its Applications, Thirteenth Edition, by Goldstein, Lay, Schneider and Asmar
- Access to MyMathLab: http://www.coursecompass.com, Course ID jones90157
- 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=37425&Semester=20175

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 3 ….. Labor Day No class

September 24, …... Test 1

October 17, …... Test 2

November 12, ………………………………… Veteran's Day

November 21,…... Test 3

December 19, …... 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.

Math 16	Sec. 1105 1737 Shuhaw	Fall	MML: jones90157
8:30-10:30	Monday	2018	Wednesday
20-Aug		22-Aug	0.1 Functions and Their Graphs
27-Aug	0.2 Some Important Functions 0.3 The Algebra of Functions	29-Aug	0.4 Zeros of Functions 0.5 Exponents and Power Functions
3-Sep	Labor Day Holiday	5-Sep	0.6 Functions and Graphs in Applications 1.1 The Slope of a Straight Line
10-Sep	1.2 The Slope of a Curve at a Point 1.3 The Derivative and Limits	12-Sep	1.5 Differentiability and Continuity 1.6 Some Rules for Differentiation
17-Sep	1.7 More about Derivatives 1.8 The Derivative as a Rate of Change	19-Sep	Review
24-Sep	Test 1	26-Sep	2.1 Describing Graphs of Functions 2.2 The First- and Second-Derivative Rules
1-Oct	2.3 The First- and Second- Derivative Tests and Curve Sketching	3-Oct	2.4 Curve Sketching (Conclusion) 2.5 Optimization Problems
8-Oct	2.6 Optimization Problems 2.7 Applications to Economics	10-Oct	3.1 The Product and Quotient Rules
15-Oct	Review	17-Oct	Test 2
22-Oct	3.2 The Chain Rule and the General Power Rule	24-Oct	4.1 Exponential Functions 4.2 The Exponential Function ex
29-Oct	4.3 Differentiation of Exponential Functions 4.4 The Natural Logarithm Function	31-Oct	4.5 The Derivative of ln x 4.6 Properties of the Natural Logarithm Function
5-Nov	5.1 Exponential Growth and Decay 5.2 Compound Interest	7-Nov	5.3 Applications of the Natural Logarithm Function to Economics
12-Nov	Holiday	14-Nov	6.1 Antidifferentiation 6.2 The Definite Integral and Net Change of a Function
19-Nov	Review	21-Nov	Test 3
26-Nov	6.3 The Definite Integral and Area under a Graph	28-Nov	6.4 Areas in the xy-Plane 6.5 Applications of the Definite Integral
3-Dec	9.1 and 9.3 Integration by substitution	5-Dec	7.1 Examples of Functions of Several Variables
10-Dec	7.2 Partial Derivatives 7.3 Maxima and Minima of Functions of Several Variables	12-Dec	Review
17-Dec		19-Dec	Final 7-10 AM

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8:30-10:30	Monday	2018	Wednesday
20-Aug		22-Aug	0.1 # 16, 24, 40, 54
27-Aug	0.2 # 12, 20, 34, 0.3 # 16, 28, 36	29-Aug	0.4 # 32, 42, 46 0.5 # 66, 74, 108
3-Sep	Labor Day	5-Sep	0.6 # 18, 22, 30, 36 1.1 # 8, 26, 38, 64
10-Sep	1.2 # 8, 24, 34,	12-Sep	1.3 # 34, 46, 64, 68 1.5 # 22, 26, 30
17-Sep	1.6 # 26, 34, 42 PT1	19-Sep	Test 1
24-Sep	1.7 # 20, 30, 39, 40	26-Sep	1.8 # 6, 10, 12, 14, 26
1-Oct	2.1 # 11, 26, 36 2.2 # 10, 24, 34	3-Oct	2.3 # 12, 18, 42, 44 2.4 # 12, 26, 32,
8-Oct	2.5 # 16, 24, 28	10-Oct	2.6 # 4, 20, 26 2.7 # 6, 14, 18
15-Oct	PT2	17-Oct	Test 2
22-Oct	3.1 # 8, 26, 52 3.2 # 18, 32, 54	24-Oct	4.1 # 22, 30, 38 4.2 # 14, 30, 40
29-Oct	4.3 # 14, 36, 38 4.4 # 24, 40, 45	31-Oct	4.5 # 14, 24, 34 4.6 # 18, 28, 38
5-Nov	5.1 # 14, 24, 31 5.2 # 2, 16, 25	7-Nov	5.3 # 10, 20
12-Nov	Holiday	14-Nov	6.1 # 46, 58, 62 6.2 # 14, 18, 40
19-Nov	Review	21-Nov	Test 3
26-Nov		28-Nov	6.3 # 14, 38, 45
3-Dec	6.4 # 16, 30, 34 6.5 # 16, 19, 22, 30	5-Dec	9.1 # 10, 16, 30 9.3 # 10, 24
10-Dec	7.1 # 8, 16, 24 7.2 # 14, 24, 32	12-Dec	7.3 # 12, 24, 32 Review
17-Dec		19-Dec	Final 7-10 AM Shuhaw 1727

To register for Math 16 Intro to Math Analysis Jones Fall 2018 :

1. Go to www.pearson.com/mylab .

2. Under Register, select **Student** .

3. Confirm you have the information needed, then select **OK! Register now**.

4. Enter your instructor's course ID: jones90157 , and **Continue** .

5. Enter your existing Pearson account **username** and **password** to **Sign In** .

You have an account if you have ever used a MyLab or Mastering product.

> » If you don't have an account, select **Create** and complete the required fields.

6. Select an access option.

» Enter the access code that came with your textbook or that you purchased separately from the bookstore.
» If available for your course,
• Buy access using a credit card or PayPal.
• Get temporary access.

7. From the You're Done! page, select **Go To My Courses** .

8. On the My Courses page, select the course name **Math 16 Intro to Math Analysis Jones Fall 2018** to start your work.

To sign in later:

1. Go to www.pearson.com/mylab .

2. Select **Sign In** .

3. Enter your Pearson account **username** and **password,** and **Sign In** .

4. Select the course name **Math 16 Intro to Math Analysis Jones Fall 2018** to start your work.

To upgrade temporary access to full access:

1. Go to www.pearson.com/mylab .

2. Select **Sign In** .

3. Enter your Pearson account **username** and **password,** and **Sign In** .

4. Select **Upgrade access** for **Math 16 Intro to Math Analysis Jones Fall 2018 .**

5. Enter an access code or buy access with a credit card or PayPal.