

MATH 15

Fall 2017

Statistics

MW 10 AM – Noon, sec. 1091 1727 Shuhaw

Sara Jones

sarajones@prodigy.net

Office: Shuhaw 1714 527- 4296

Office Hours: Mon. and Wed. 9 – 10 AM, 2:30 – 3 PM,**Tues. and Thurs. 10:30-11:30 AM and by appointment****E-mail Hours: Tuesday and Wednesday 8:30-9:00 PM****Required Materials:** *Elementary Statistics Thirteenth Edition*, by Mario TriolaAccess to MyMathLab: <http://www.coursecompass.com>, Course ID jones97615

A Graphing Calculator: TI-83, TI-84

3 ring binder to keep text, class work and homework

Santa Rosa Junior College Course Outline and Student Learning Outcomeshttps://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=22606&Semester=20115

Homework will be collected at the beginning of each class. Each assignment 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 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 should be so complete, beautiful, and clear enough that it is suitable for display on your refrigerator. For Computer Homework 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 half 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.

Class Project will be worth a test grade and will be completed in 2 parts as we work through the course.

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 12% each)	36%
Final Exam	34%
Project	10%
Daily written homework	10%
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 project score is 85 and his homework average is $567/600 = 94.5\%$ and his quiz average is 100%. His course grade is then $0.12*(70+75+90) + 0.34*70 + 0.1*85 + 0.15*94.5 + 0.10*100 = 84.7$, a B in the class.

Dates to remember:

September 4	Labor Day No class
September 25,	Test 1
October 25,	Test 2
November 22	Test 3
November 23	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 located 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>

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 e-mail 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.

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.

Due	Sec.	Book Homework	Grade
23-Aug	1.2	1,2,8,12	
23-Aug	1.3	5,6,15,20,24,30,32	
28-Aug	1.4	1,7,8,11,14,19,20,22	
28-Aug	2.2	6,10,11,14,20,22,26	
30-Aug	2.3	6,10,12,16,18	
30-Aug	2.4	6,8,14,22	
6-Sep	3.2	6,8,15,17,19,25	
11-Sep	3.3	6,8,15,17,19,25,32,34,36	
13-Sep	3.4	5,6,10,11,14,31,34	
13-Sep	4.2	16,17,25,26,31,34,38,40	
18-Sep	4.3	9,16,20,33,34,35,36,37	
18-Sep	4.4	1,6,9,10,14,15,21,26,28	
20-Sep	4.5	6,15,17,20,21,22,24,28,30	
20-Sep	4.6	8,10,17,21,22	
25-Sep		Test 1 Chapter 1 - 4	
2-Oct	5.2	1,2,3,4,15,16,19,20,24	
2-Oct	5.3	8,13,18,24,28,32,36,39	
4-Oct	5.4	10,12,19	
9-Oct	6.2	12,14,16,30,34,37,43	
11-Oct	6.3	2,6,8,11,16,18,20,22,26,28	
11-Oct	6.4	1,2,3,4,9,11	
16-Oct	6.5	2,3,4,6,10,14,20	
16-Oct	6.6	6,8,16	
18-Oct	7.2	1,2,3,4,10,16,28,30,35	
23-Oct	7.3	1,5,7,8,18,23,29,34	
23-Oct	7.4	1,3,4,8,10,14,20	
25-Oct	Test 2	Test 2 Chapter 5-7	
1-Nov	8.2a	6,7,10,11,13,16,17,19,21,25	
6-Nov	8.2b	4,5,9,14,18,22,26,28,29,33,34	
6-Nov	8.3a	4,5,6,7,15	
8-Nov	8.3b	10,17,22,23,28	
8-Nov	8.4	1,2,4,9,12,14,22	
13-Nov	9.2	2,3,4,5,7,11,14	
13-Nov	9.3	1,6,7,16,18,21	
15-Nov	9.4	2,4,8,10,11,21	
20-Nov	Test 3	Test 3 Chapter 8-9	
29-Nov	10.2	1,2,3,7,8,17,20,21,29	
29-Nov	10.3	1,7,8,17,20,21,29	
4-Dec	10.4	8,12,16,20	
6-Dec	11.2	1,3,4,11,18,20	
6-Dec	11.3	1,3,13,17,18	
11-Dec	12.2	1,2,3,7,8,14	
18-Dec	FINAL	Cumulative, Chapter 1-12, 7-10 AM	

1091	Statistics Calendar	Math 15	Jones Fall 2017
Monday	10 AM - Noon	Wednesday	1727 Shuhaw
21-Aug	Section 1.2 and 1.3 Data and Experiments Types of Data	23-Aug	1.4 Data Collection 2.2 Frequency Distributions
28-Aug	2.3 Histograms 2.4 Graphs	30-Aug	3.2 Measures of Center 3.3 Measures of Variation
4-Sep	Labor Day No Class	6-Sep	3.4 Measures of Relative Standing,
11-Sep	4.2 Probability	13-Sep	4.3 Addition Rule 4.4 Multiplication Rule
18-Sep	4.5 Conditional Probability 4.6 Counting	20-Sep	Review
25-Sep	Test 1 Chapters 1-4	27-Sep	5.2 Discrete Dist. & Random Variables 5.3 Binomial Prob. Dist.
2-Oct	5.4 Mean & SD of Binomial	4-Oct	6.2 Standard Normal Distribution
9-Oct	6.3 Applications 6.4 Sampling Distributions	11-Oct	6.5 The Central Limit Theorem 6.6 Assessing Normality
16-Oct	7.2 Estimating a Population Proportion 7.3 Estimate Mean	18-Oct	7.3 Estimate Mean 7.4 Estimating a Population Variance
23-Oct	Review	25-Oct	Test 2 Chapter 5 and 6
30-Oct	8.2 Hypothesis Testing	1-Nov	8.3 Testing a Claim about a Proportion
6-Nov	8.4 Testing a Claim About a Mean	8-Nov	9.1 Inferences from Two Samples 9.2 Two Proportions
13-Nov	9.3 Inferences about Two Means	15-Nov	9.4 Inferences about Matched Pairs
20-Nov	Review	22-Nov	Test 3 Chapters 7, 8 and 9
27-Nov	10.2 Correlation 10.3 Regression	29-Nov	10.4 Interpreting R ² and Slope
4-Dec	11.2 Multinomial Experiments GOF	6-Dec	11.3 Contingency Tables X2
11-Dec	12.2 ANOVA	13-Dec	Review
Go to: Code:	pearsonmylabandmastering.com jones97615	20-Dec	Final 7-10 AM Cumulative Chapters 1-12

Pearson's MyLab & Mastering Student Registration Instructions

To register for **Math 15 Fall 2017**:

1. Go to www.pearsonmylabandmastering.com
2. Under Register, select **Student**.
3. Confirm you have the information needed, then select **OK!** Register now.
4. Enter your instructor's course ID: jones97615, and **Continue**.
5. Enter your existing Pearson account **username** and **password** to **Sign In**.
 - You have an account if you have used a Pearson product, for example: MyMathLab, MyITLab, MyPsychLab, MySpanishLab or Mastering, such as MasteringBiology.
 - If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
 - Use the access code that came with your textbook or that you purchased separately from the bookstore.
 - Buy access using a credit card or PayPal account.
 - If available, get 14 days temporary access. (The link is near the bottom of the screen.)
7. From the confirmation page, select **GoTo My Courses**.
8. On the My Courses page, select the course tile **Math 15 Fall 2017** to start your work.

To sign in later:

1. Go to www.pearsonmylabandmastering.com.
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select the course tile **Math 15 Fall 2017** to start your work.

To upgrade temporary access to full access:

1. Go to www.pearsonmylabandmastering.com.
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select Upgrade access from the course title **Math 15 Fall 2017**.
5. Enter an access code or purchase access with a credit card or PayPal account.

For a registration overview, go to www.pearsonmylabandmastering.com/students/get-registered. Scroll down to Need a little help? and select a video.