

MATH 15
Fall 2018
Statistics Sec. 1101
TH 10:00 AM – Noon

Sara Jones
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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:

- Elementary Statistics, Thirteenth Edition, by Triola
- Access to MyMathLab: <http://www.coursecompass.com>, Course ID jones95587
- A Graphing Calculator: TI-84
- 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=37479&Semester=20177

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.

Class Project will be worth about 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 27,	Test 1
October 23,	Test 2
November 20,	Test 3
November 22,	Thanksgiving
November 29,	Project Due
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.

1101	Statistics Calendar	Math 15	Jones Fall 2018
Tuesday	10 AM - Noon	Thursday	1727 Shuhaw
21-Aug	1.1 Statistical Thinking	23-Aug	1.2 and 1.3 Data Collection
28-Aug	2.1 Frequency Distributions	30-Aug	2.3 Graphs
	2.2 Histograms		
4-Sep	Teacher Work day	6-Sep	3.1 Measures of Center
	No School		3.2 Measures of Variation
11-Sep	3.3 Measures of Relative Standing,	13-Sep	4.2 Addition and multiplication Rules
	4.1 Probability		4.3 Complements and conditionals
18-Sep	4.4 Counting	20-Sep	5.1 Discrete Dist. & Random Variables
25-Sep	Review	27-Sep	Test 1
	5.2 Binomial Prob. Dist.		Chapters 1-4
2-Oct	5.3 Poisson Probability Distributions	4-Oct	6.2 Applications
	6.1 Standard Normal Distribution		6.3 Sampling Distributions
9-Oct	6.4 The Central Limit Theorem	11-Oct	7.1 Estimating a Population Proportion
	6.5 Assessing Normality		
16-Oct	7.2 Estimate Mean	18-Oct	7.3 Estimating a Population Variance
23-Oct	8.1 Hypothesis Testing	25-Oct	Test 2
	Review		Chapter 5-7
30-Oct	8.1 Hypothesis Testing	1-Nov	8.2 Testing a Claim about a Proportion
6-Nov	8.3 Testing a Claim About a Mean	8-Nov	9.1 Two Proportions
13-Nov	9.2 Inferences about Two Means	15-Nov	Review
	9.3 Inferences about Matched Pairs		
20-Nov	Test 3	22-Nov	Thanksgiving day
	Chapters 8 and 9		No School
27-Nov	10.1 Correlation	29-Nov	10.3 Prediction Intervals
	10.2 Regression		
4-Dec	11.1 Multinomial Experiments GOF	6-Dec	11.2 Contingency Tables X2
11-Dec	12.1 ANOVA	13-Dec	Review
Go to:	pearsonmylabandmastering.com	20-Dec	Final 7 AM - 10-AM
Course Code:	jones95587		Cumulative Chapters 1-12

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Tuesday	10 AM - Noon	Thursday	1727 Shuhaw
21-Aug		23-Aug	1.1 #1,8,15,26,30
28-Aug	1.2 #1,2,5,11,16,26	30-Aug	2.1 # 6,11,14,18
	1.3 #10,13,20,24,28		2.2 #6,9,12,16 print Histogram
4-Sep	PDA Day No class	6-Sep	2.3 #6,8,10,17,20
11-Sep	3.1 #4,16,24,28	13-Sep	3.3 #5,8,10,14,32,33
	3.2 #2,16,24,28,36,42		4.1 #10,22,26,33,37
18-Sep	4.2 #21,22,24,26,28,29	20-Sep	4.4 #8,23,28
	4.3 #2,7,10,17,18,20,22		
25-Sep	Practice Test 2	27-Sep	Test 1
			Chapters 1-4
2-Oct	5.1 #12,20,21,25,28,30	4-Oct	5.2 #14,25,30,36,38
			5.3 #1,6,13
9-Oct	6.1 #11,16,31,38,42	11-Oct	6.3 #1,6,10,16
	6.2 #8,11,18,24,32		6.4 # 4,8,10, 12,13,14,16,18
16-Oct	6.5 #3,4,8,10,14 Print QQPlot	18-Oct	7.2 #6,19,22,26,32
	7.1 #13,16,20,24,32		
23-Oct	7.3 #10,14,16,20	25-Oct	Test 2
	Practice Test 2		Chapter 5,6 and 7
30-Oct		1-Nov	8.1 #3,6,10,14,25,26,30
6-Nov	8.2 #6,8,9,13,20,26	8-Nov	8.3 #1,7,10,17,22
	Graph and label both axes of Normal		Graph and label both axes of Normal
13-Nov	9.1 #4,8,10,15,18	15-Nov	9.3 #1,6,15,18
	9.2 #1,2,12,16,18		Practice Test 3
20-Nov	Test 3	22-Nov	Thanksgiving Day No class
	Chapters 8, 9 and 10		
27-Nov		29-Nov	10.1 #4,5,20,21,26
			10.2 #6,20,21,26
4-Dec	10.3 #2,8,15,20	6-Dec	11.2 #11,13,20
	11.1 #6,8,10,11,16		Project Due
11-Dec	12.1 #9,14	13-Dec	Practice Final
18-Dec	MyMathLab.com jones95587	20-Dec	Final 7-10 AM Chapters 1-12

To register for Math 15 Statistics 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: **jones95587** , 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 15 Statistics 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 15 Statistics 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 15 Statistics Jones Fall 2018** .
5. Enter an access code or buy access with a credit card or PayPal.