

**Math 155 Spring 2018  
Intermediate Algebra  
MW 9-11 AM, sec. 5166**

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1715 Shuhaw**

**Office Hours: Mon. – Thurs. 11-11:30 AM, Tues. and Thurs. 8-9 AM  
and by appointment**

**E-mail Hours: Tuesday and Wednesday 8:30-9 PM**

**Required Materials:**

*Intermediate Algebra: A graphing approach, fourth Edition*, by Bittinger, Ellenbogen, and Johnson

Call Number: QA154.3 .B5824 2012

Access to MyMathLab: <http://www.coursecompass.com>, course ID: jones86812

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 Outcomes for Math 155**

[https://portal.santarosa.edu/SRWeb/SR\\_CourseOutlines.aspx?mode=1&CVID=25632&Semester=20157](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=25632&Semester=20157)

**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 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 about a test grade.

**In Class Test** dates are listed below, and cannot be made up. The final is cumulative. Grade on final will 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:

<b>A:</b> 90-100	<b>B:</b> 80-89	<b>C:</b> 70-79	<b>D:</b> 60-69	<b>F:</b> 0-59
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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:**

January 15 .....	MLK Day No class
February 21, .....	Test 1
February 19, .....	Presidents Day No class
March 19-21, .....	Spring Break
April 4, .....	Test 2
May 2 .....	Test 3
May 23, .....	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](https://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.

5164	Intermediate Algebra	Math 155	Jones Spring 2018
MON	1:30-3:30 PM	WED	Shuhaw 1713
15-Jan	MLK Day	17-Jan	Introduction and Syllabus
			2.1, 2.2 Functions
22-Jan	2.3 Linear Functions	24-Jan	2.5 Domain and Algebra of Functions
	2.4 Point Slope		3.1 Systems of Equations
29-Jan	3.2 Substitution and Elimination	31-Jan	3.4, 3.5 Systems of Three Equations
	3.3 Applications		
5-Feb	3.6 Elimination using Matrices, rref	7-Feb	4.1,4.2 Inequalities and Applications
	3.8 Applications		
12-Feb	4.4 Absolute Value Equations	14-Feb	Review
	4.5 Inequalities in Two variables		5.1-5.5 Polynomial Functions
19-Feb	Presidents Day Holiday	21-Feb	Test 1
26-Feb	5.6 and 5.7 Polynomial Factoring	28-Feb	6.1, 6.2 and 6.3 Rational Functions
	5.8 Applications of Polynomials		
5-Mar	6.4 Rational Equations	7-Mar	6.8 Problem Solving
	6.5 Applications of Rational Equations		7.1 Radical Functions
12-Mar	7.2 Rational Number Exponents	14-Mar	7.5 Simplifying Radicals
	7.3, 7.4 Radical Expressions		
19-Mar	Spring Break	21-Mar	Spring Break
26-Mar	7.6 Radical Equations	28-Mar	Review
	7.7 Geometric Applications		7.8 Complex Numbers
2-Apr	8.1, 8.2, 8.3 Quadratic Equations	4-Apr	Test 2
9-Apr	8.4 Applications of Quadratics	11-Apr	8.6 Graphing Quadratics
	8.5 Equations Reducible to Quadratic		8.7 Graphing Quadratic Equations
16-Apr	8.8 Applications or Quadratics	18-Apr	9.2, 9.3 Exponential Functions
	9.1 Inverse Functions		
23-Apr	9.4, 9.5 Logarithms	25-Apr	9.6 Exponential and Log Equations
			9.7 Applications
30-Apr	Review	2-May	Test 3
7-May	11.1 Sequences	9-May	11.2 Sequences
			11.3 Geometric Sequences & Series
14-May	11.4 Binomial Theorem	16-May	Review
21-May	Course Code: jones86812	23-May	Final Cumulative
			7-10 AM

Math	155	Book Homework	Staple online behind Book Homework.		
5164	1713	Intermediate Algebra			Jones Fall 2017
Due	Sec.	Book Homework	Due	Sec.	Book Homework
22-Jan	2.1	12,48,54,58,68	14-Mar	7.1	34,44,74,94,104
24-Jan	2.2	30,32,48,62,82	26-Mar	7.2	40,60,70,80,100
24-Jan	2.3	6,26,36,46,66	26-Mar	7.3	26,40,50,60,70
29-Jan	2.4	2,4,26,38,44,	26-Mar	7.4	30,38,48,58,68
29-Jan	2.5	20,32,42,52,62	28-Mar	7.5	20,30,50,70,80
31-Jan	3.1	2,12,22,32,52	28-Mar	7.6	14,34,40,42,44
5-Feb	3.2	6,16,26,34,44	28-Mar	7.7	18,28,38,48,50
5-Feb	3.3	22,28,30,38,48	28-Mar	7.8	24,64,74,82,94
7-Feb	3.4	4,6,14,22,36	4-Apr		TEST 2
7-Feb	3.5	4,10,18			
7-Feb	3.6	16,20,26			
12-Feb	3.8	2,4,6,8,16,22,28	9-Apr	8.1	44,50,54,56,62
12-Feb	4.1	14,24,44,48,74	9-Apr	8.2	12,18,28,38,42
12-Feb	4.2	2,4,6,8,32,	9-Apr	8.3	4,8,12,24,34
14-Feb	4.3	13,23,33,43,51,75,82,86,103	11-Apr	8.4	14,24,36
14-Feb	4.4	1,6,12,80, 96	11-Apr	8.5a	16,26,38,40,49
14-Feb	4.5	2,4,28,48,58	11-Apr	8.6	40,50,54,58
21-Feb		TEST 1	16-Apr	8.7	10,12,34,38
			16-Apr	8.8	8,10,12,14,16,18,19,21
28-Feb	5.1	60,70,80	16-Apr	9.1	12,22,34,76,92
28-Feb	5.2	30,50	18-Apr	9.2	21,28,44,51,60
28-Feb	5.3	10,20,30, 50,80,	18-Apr	9.3	45,68,88,99,102
5-Mar	5.4	24,44,64,74	23-Apr	9.4	37,42,50,53,57
5-Mar	5.5	20,28,66,76	23-Apr	9.5	55,64,69,74,78
5-Mar	5.6	20,40,60,80,	25-Apr	9.6	10,12,25,44,47,52,54,58,60
7-Mar	5.7	12,28,48,	25-Apr	9.7	2,22,23,24,32,33,34,44,46,47
7-Mar	5.8	8,18,20,49	2-May		Test 3
7-Mar	6.1	56,76,90			
12-Mar	6.2	24,58,66			
12-Mar	6.3	20,30,40	9-May	11.1	33,44,47,59,64
12-Mar	6.4	18,20,22,26,33,34,38,39	9-May	11.2	19,28,31,37,42
14-Mar	6.5	16,18,24,26,34,36	14-May	11.3	20,23,34,42,59
14-Mar	6.8	16,28,54,60	14-May	11.4	13,17,23,34,44
		Code jones86812	23-May		Final 4-7 PM

## MyLab & Mastering Student Registration Instructions

**To register for Math 155 Spring 2018 Intermediate Algebra Jones 5166:**

1. Go to [pearsonmylabandmastering.com](http://pearsonmylabandmastering.com).
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [jones86812](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
  - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson **username** and **password**. Click **Sign in**.
  - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
  - 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.
  - If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **Math 155 Spring 2018 Intermediate Algebra Jones 5166** to start your work.

### Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

### To sign in later:

1. Go to [pearsonmylabandmastering.com](http://pearsonmylabandmastering.com).
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign in**.
4. Under MyLab & Mastering New Design on the left, click **Math 155 Spring 2018 Intermediate Algebra Jones 5166** to start your homework.

### Additional Information

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.

### This course is participating in SRJC's Peer Assisted Learning Specialist (PALS)

**Program.** This program seeks to increase student knowledge and skills by fostering community and persistence in the classroom. PALS have the content knowledge and college know-how to help students succeed. They are SRJC students and/or community members who provide tutoring to students and instructional assistance. PALS will attend class, help with assignments, answer course questions, and provide assistance. They are also available to tutor and lead study sessions as needed.