

Math 151 Beginning Algebra Section 4360
Spring 2018 Santa Rosa Junior College

Instructor: **Bic Ha DoVan** bdovan@santarosa.edu

Days & Times & Location: **Tuesday & Thursday 1:30 – 4:00 pm / 1715 Shuhaw**

Office & Phone: **1746 Shuhaw / 707-778-3663** (Email is better!)

Office Hours: **Monday 10:30 – 11:30 am**

Tuesday 10:30 – 11:30 am

Wednesday 10:30 – 11:30 am AND 2:00 – 3:00 pm

Thursday 10:30 – 11:30 am

OR by appointment if needed.

PALS: George Parker

Prerequisite: Qualifying Placement or a “C” or higher in CSKLS 372 or higher.

Required Textbook: *Beginning Algebra*, 7th Ed. Martin-Gay

The textbook is on Reserve in the Mahoney Library at the Petaluma Campus and at the Doyle Library in Santa Rosa. Call number: QA152.3 .M353 2017

Required Online Software: MyMathLab is for online Homework Assignments.

If you already have an access code for this textbook, register at <http://pearsonmylab.com/> for online Homework. Please bookmark this page. The course code is **dovan80887**. If you can study using only an e-book, then you may buy the access code alone and do not need to purchase a hard copy of the textbook.

Course Description:

This course is a beginning algebra course, including equations and inequalities in one variable, integer exponents, polynomials, equations and inequalities in two variables, rational and radical expressions and equations, rational exponents, quadratic equations, and graphs of parabolas.

Math 151 is not open to those who have taken MATH 150B with a grade of "C" or better.

Student Learning Outcomes: Here is the link for Math 151 course outline at SRJC.

https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=24400&Semester=20137

Class Conduct: You are expected to act with respect and in a courteous manner toward me and your classmates.

Please turn off your cell-phones before the class begins and keep them off your desk.

DO NOT TEXT DURING CLASS, or you may be asked to leave the classroom. If your cell-phone or pagers goes off during class, you are requested to bring cookies/goodies at the next class meeting to share with your classmates.

If you use a laptop for note-taking accommodations, please sit in the front row with the sound off. You are expected to adhere to the Student Conduct Code in this class.

Student Conduct Code: <https://student-conduct.santarosa.edu/student-conduct-and-discipline-due-process>

Attendance: It is very important that you attend every class. However, if you do miss a class you are responsible for all announcements and material covered in your absence. SRJC's attendance requirements can be found at the link: <https://de.santarosa.edu/sites/de.santarosa.edu/files/8.1.5P.pdf>

Communication: Please check your SRJC email and MyMathLab daily for any announcements, handouts or assignments. If you email me Monday – Friday between 8:00 am – 5:00 pm, I am able to respond within 24 hours. Please include your full name and the class.

Admissions and Records Deadlines: I will adhere to ALL registration deadlines published by SRJC. For full term classes in the Spring 2018 semester the deadlines are:

- Last day to drop semester length class and be eligible for a refundJan. 28, 2018
- Last day to drop a class **without** a “W” symbolFeb. 4, 2018
- Last day to drop a class **with** a “W” symbolApril 22, 2018

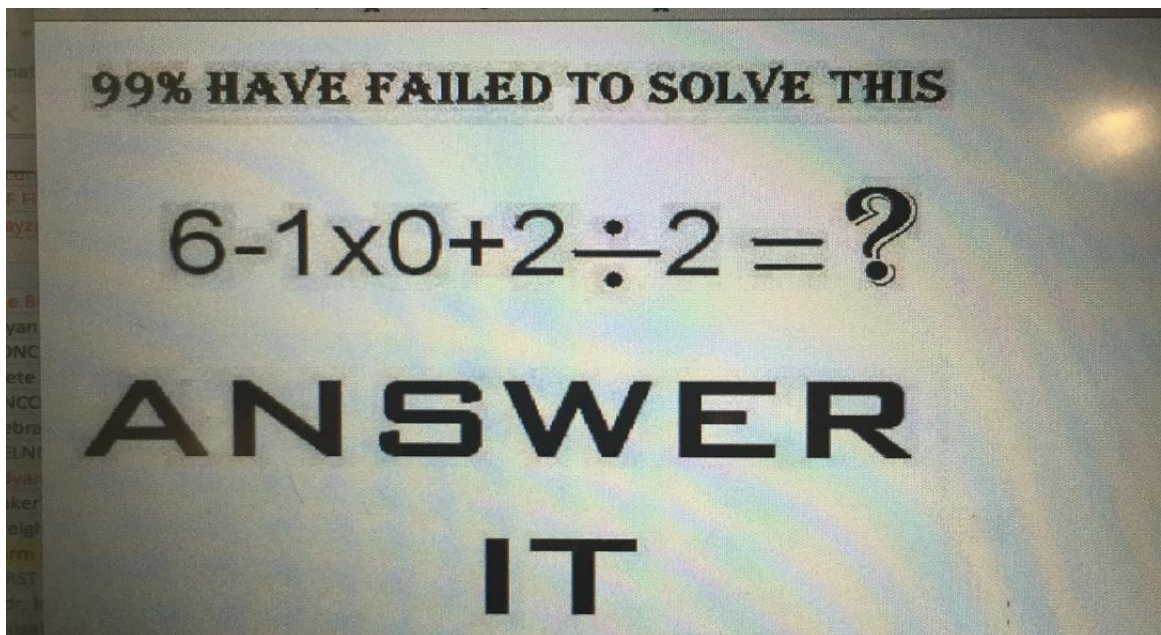
For the full SRJC Academic Calendar, use the link

<https://admissions.santarosa.edu/academic-calendar#spring2018>

Students who choose to not continue the course are responsible for dropping the class. Failure to do so may result in an “F” grade.

American Disabilities Act: If you need disability related accommodations for this class, such as a note-taker, test-taking services, special furniture, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Dis-Ability Resources Department (DRD) to me as soon as possible. You may also speak to me privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. The DRD is located on the Third Floor in the Bertolini Student Center, Room 4844.

Try to solve the question below:



Grading:	Homework (Online with MyMathLab)	12 %
	Classwork (Best 3)	6 %
	Exams (4 @ 15% each)	60 %
	Final Exam	22 %
	Total	100 %

Your grade will be based on the standard scale:

A: 90-100%

B: 80-89%

C: 70-79%

D: 60-69%

F: 0-59%

Online Homework: You need an access code for MyMathLab to do online homework. Please bookmark the website: <https://www.pearsonmylabandmastering.com/northamerica/> The course code is **dovan80887**. Begin your homework after each class lecture.

- Begin your homework after each class lecture and do some homework EVERY DAY!
- Although the assignment is online, please do your work neatly and orderly and NOT as scratch paper.
- All online Homework Assignments are due according to the MyMathLab due dates. Please check the website regularly for updates.
- You may rework the problems up to three times, but only up until the MyMathLab due date. Online Homework that is past due may earn partial credit up to 10 days.

Classwork: Classwork problems will be similar to the homework problems. Only your top three (3) Classwork will count towards your course grade, so your lowest Classwork will be dropped. Classwork are handed out in class and the due date is announced at the time they are given out. Classwork that is one class day late receives 50% credit, two class days late, receives 25% credit. No credit after that.

Exams: There will be **four (4) in-class exams**. You must show your work and use proper mathematical notation to receive full credit. A correct answer without supporting work will receive 0 points. **There are no make-up exams.** If you have a homework score of 70% or higher for the semester, I will replace your lowest exam score with the final exam score if it improves your grade.

Scientific Calculators are recommended. Graphing calculators are **not** allowed on Exams.

Final Exam: The Final Exam is comprehensive and given at **1:00 – 3:45 pm on Thursday, May 24, 2018**. Please plan accordingly. I will not give any final exams before finals' week.

Academic Integrity: <https://studentlife.santarosa.edu/academic-integrity>

Exams and the Final Exam must be done by the student alone.

Any student and all those involved who violate this rule will receive a zero on the Exam or Final Exam.

A second offense may result in failing the course.

Resources: If you are struggling with the material in class, please come see me right away! Aside from my office hours, you have the following free services available on campus:

- Computer and Mathematics Labs in Shuhaw Hall, Rooms 1733 & 1735
- Santa Rosa Campus's Tutorial Center on the first floor of Doyle library
- Petaluma Campus's Tutorial Center in Kathleen Doyle Hall, 2nd Floor, Room 247.

Before each class, please read your previous notes and the new section(s) to be covered.

Tentative Schedule

Week & Date	Tuesday	Thursday
1: Jan. 16 / 18	NO Classes: Faculty FLEX Day	Introduction, Meet PALS, Chapter 1 Review; 2.1 Algebraic Expressions;
2: Jan. 23 / 25	2.2 Addition Properties of Equality; 2.3 Multiplication Properties of Equality; 2.4 Solving Linear Equations.	Finish 2.4 Solving Linear Equations; 2.5 Introduction to Problem Solving; 2.6 Formulas and Problem Solving. *
3: Jan. 30 / Feb 1	2.7 Percent and Mixture Problems; 2.8 Further Problem Solving.	2.9 Solving Linear Inequalities; 3.1 The Rectangular Coordinate System.
4: Feb. 6 / 8	3.2 Graphing Linear Equations; 3.3 Intercepts.	3.4 Slope and Rate of Change; 3.5 Equations of Lines; Catch Up.
5: Feb. 13 / 15	Exam 1 (Covers Chapter 2 & Sections 3.1 – 3.3)	NO Classes: Faculty PDA Day
6: Feb. 20 / 22	Finish 3.5 Equations of Lines; 3.6 Functions; 4.1 Solving Systems of Linear Equations by Graphing.	4.2 Solving Systems of Linear Equations by Substitution; 4.3 Solving Systems of Linear Equations by Addition & Elimination.
7: Feb. 27 / March 1	4.4 Systems of Linear Equations and Problem Solving; 4.5 Graphing Linear Inequalities.	4.6 Systems of Linear Inequalities; 5.1 Exponents. *
8: Mar. 6 / 8	5.2 Adding & Subtracting Polynomials; 5.3 Multiplying Polynomials; 5.4 Special Products.	Finish 5.4 Special Products; 5.5 Negative Exponents & Scientific Notation 5.6 Dividing Polynomials.
9: March 13 / March 15	6.1 The Greatest Common Factor & Grouping; Catch Up.	Exam 2 (Covers Sections 3.4 – 3.6 & Chapters 4, 5)
10: March 20 / March 22	NO Classes: Have a good Spring Break!	NO Classes: Have a good Spring Break!
11: Mar. 27 / March 29	6.2 Factoring Trinomials of the form $x^2 + Bx + C$ 6.3 Factoring Trinomials $Ax^2 + Bx + C$ & Perfect Square Trinomials.	6.4 Factoring Trinomials $Ax^2 + Bx + C$ using the AC method with Grouping; 6.5 Factoring Binomials
12: April 3 / 5	6.6 Solving Quadratic Equations by Factoring; 6.7 Quadratic Equations & Problem Solving.	7.1 Simplifying Rational Expressions; 7.2 Multiplying and Dividing Rational Expressions. *
13: April 10 / April 12	7.3 Add and Subtract Rational Expressions with Common Denominators; 7.4 Add and Subtract Rational Expressions with Unlike Denominators.	7.5 Solving Equations Containing Rational Expressions; Catch Up.
14: April 17 / April 19	Exam 3 (Covers Chapter 6 & Sections 7.1 – 7.4)	7.6 Proportion and Problem Solving with Rational Expressions; 7.8 Simplifying Complex Fractions.
15: April 24 / April 26	8.1 Introduction to Radicals; 8.2 Simplifying Radicals.	8.3 Adding and Subtracting Radicals; 8.4 Multiplying and Dividing Radicals.

Before each class, please read your previous notes and the new section(s) to be covered.

Tentative Schedule

Week & Date	Tuesday	Thursday
16: May 1 / 3	8.5 Solving Equations Containing Radicals; 8.6 Radical Equations and Problem Solving;	8.7 Rational Exponents; 9.1 Solving Quadratic Equations by the Square Root Property. *
17: May 8 / May 10	9.2 Solving Quadratic Equations by Completing the Square; Catch Up.	Exam 4 (Covers Sections 7.5, 7.6, 7.8 & Chapter 8)
18: May 15/ 17	9.3 Solving Quadratic Equations by the Quadratic Formula; 9.5 Graphing Quadratic Equations.	Review Final Exam.
19: May 22 / May 24	NO Class: Finals Week	Comprehensive Final Exam: 1:00 – 3:45 pm NOTE the Earlier Time!

This tentative schedule may be modified when necessary to accommodate changes in scheduling and pace of class. All above dates are subject to change except for the final exam date.