Math 151 Elementary Algebra Section 8139   **Spring 2017**

Instructor: **Ms. Bic Ha DoVan**   Email**: bdovan@santarosa.edu**
Monday & Wednesday 8:00 AM – 9:00 AM   Office Phone**: 707 – 778 – 3663 (Email is better)**
Tuesday & Thursday   7:30 AM – 9:00 AM   Office: **1718 Shuhaw**
1765 Shuhaw   My College Website: **http://profiles.santarosa.edu/bic-ha-dovan**

Office Hours:
Monday, Tuesday, Wednesday & Thursday: 9:00 – 10:00 AM or by appointment. Please note that if you email me Monday – Friday, 8 AM – 5 PM, I am able to reply within 24 hours. Please come to my office hours (or make an appointment) whenever you need help or if you would like to discuss anything.

Prerequisite: Course Completion of CSKLS 372 or higher (VE) OR Course Completion of DRD 382.

Textbook: *Beginning Algebra*, 7th Ed. by Elayn Martin-Gay.
The textbook is on reserve at the Doyle Library in Santa Rosa and the Mahoney library in Petaluma.
The call number is **QA 152.3.M353 2013.**

Optional **Online software:** MyMathLab is for online Homework Assignments. You have the choice of doing homework from the textbook or from the MyMathLab online software. Choose ONE of these options to do for the **entire semester**. If you already have an access code for this textbook, register at http://pearsonmylab.com/ for access to online homework. Please bookmark this page. The course code is **dovan04699**. If you are able to study using only an e-book, then you may buy the access code alone and need not purchase a hard copy of the textbook.

Course Description and Student Learning Outcomes:
The course description and Student Learning Outcomes (SLOs) for Math 151 at SRJC may be found at:
https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=24400&Semester=20137

Attendance Policy:
Sonoma County Junior College District attendance policy is as follows.
Students are expected to attend all sessions of the course in which they are enrolled.
Any student with excessive absences may be dropped from the class.

Student Conduct: A student shall conduct himself or herself in a manner that reflects his or her awareness of common standards of decency and rights of others.   Obstruction or disruption of teaching *is not acceptable* in any form. The Student Code of Conduct can be found in the college catalog.
https://student-conduct.santarosa.edu

Important Dates for Spring 2017

February 5, Last day to drop a semester length course **without a "W"** symbol.
February 16, College PDA Day, No Classes
March 20 – 26, Spring Break, No Classes
April 23, Last day to drop a semester length class **with a "W"** symbol.
Students who choose to not continue with the course are responsible for withdrawing from the class. Failure to do so may result in an "F" grade.

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My Classroom Policy is to insure the best learning environment and is a courtesy to me and your classmates.
- ➢ Arrive on time.
- ➢ Stay for the entire class period.
- ➢ Turn off ALL electronic devices except for your calculators. A cell-phone is NOT a calculator.
- ➢ Texting messages during class will not be tolerated.
- ➢ 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.

Grading:

90 – 100 A   80 – 89 B   70 – 79 C   56 – 69 D   0 – 55 F

Homework (Online or Textbook)	**12 %**
Classwork (Best 6)	**8 %**
Exams (4 exams @ 15% each)	**60 %**
Final Exam	**20 %**
Total	**100%**

See Homework information at the end of the syllabus.

Classwork: Classwork is given in class and must be completed and **due at the NEXT class meeting.** Classwork that is turned in one class meeting after they are due receives 50% credit. NO credit after that. I only count the best 6 Classwork. You may work with your classmates and the Math Tutor Lab on these assignments.

Exams: There are **four in-class Exams and a Final exam**. Note that **all** exams may contain questions that require knowledge from any previously covered material.   Write neatly and show the steps that you are using to get to the solution. There are **NO make up exams**. I will replace your lowest exam score with the final exam score if it improves your grade. A graphing calculator is not allowed on any exam.

Academic Integrity: https://studentlife.santarosa.edu/academic-integrity
Exams must be done by the student alone.
Any student and all those involved who violate this rule will receive a zero on the Exam.
A second offense may result in failing the course.

Resources:
Math tutoring is free to all registered students in the Tutorial Center in PC 247 (upstairs above Counseling) and at the Santa Rosa Campus in 1733 of Shuhaw and the bottom floor of the Doyle Library.

My goal is for everyone to be successful in our class.

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Tentative **Lecture Schedule**

Week	Dates	Section & Topics M / T / W / Th
1	Jan. 16 – 19	M: *NO Classes: Martin Luther King Birthday* / T: Introduction, Syllabus, Review Chapter 1 / W: Finish Chapter 1 Review/ Th: 2.1 Algebraic Expressions & 2.2 Addition Properties of Equality.
2	Jan. 23 – 26	M: 2.3 Multiplication Properties of Equality / T: 2.4 Solving Linear Equations / W: 2.5 Introduction to Problem Solving / Th: 2.6 Formulas and Problem Solving. +
3	Jan. 30– Feb. 2	M: 2.7 Percent and Mixture Problems / T: Finish 2.7 Percent & Mixture Problems/ W: 2.8 Further Problem Solving / Th: Finish 2.8 Further Problem Solving. +
4	Feb. 6 – 9	M: 2.9 Solving Linear Inequalities / T: 3.1 Rectangular Coordinate System / W: 3.2 Graphing Linear Equations / Th: 3.3 Intercepts.
5	Feb. 13 – 16 **February 14**	M: Catch Up / **Tuesday: EXAM 1 (Covers Chapters 1, 2 & Sections 3.1, 3.2) /** W: 3.4 Slope and Rate of Change / Th: *NO Classes: PDA Day.*
6	Feb. 20 – 23	M: *NO Classes: Presidents' Day* / T: 3.5 Equations of Lines / W: 3.6 Functions / Th: 5.1 Exponents. (*Note: Chapter 4 will be covered after Spring break*)
7	Feb. 27 – Mar. 2	M: 5.2 Adding and Subtracting Polynomials / T: Finish 5.2 Adding & Subtracting Polynomials, 5.3 Multiplying Polynomials/ W: 5.4 Special Products / Th: 5.5 Negative Exponents & Scientific Notation. +
8	Mar. 6 – 9	M: 5.6 Dividing Polynomials (No Long Division) / T: 6.1 The Greatest Common Factor & Grouping / W: 6.2 Factoring Trinomials of the form $x^2 + Bx + C$ / Th: 6.3 Factoring Trinomials $Ax^2 + Bx + C$ & Perfect Square Trinomials. +
9	Mar. 13 – 16 **March 16**	M: 6.4 Factoring Trinomials $Ax^2 + Bx + C$ using the AC method with Grouping / T: 6.5 Factoring Binomials / W: Catch Up **Thursday: EXAM 2 (Covers Chapter 5 & Sections 3.3 - 3.6, 6.1 – 6.4)**
10	Mar. 20 – 23	M: *NO CLASSES - Spring Break* T: *NO CLASSES - Spring Break* W: *NO CLASSES - Spring Break* Th: *NO CLASSES - Spring Break*

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Tentative Course Lecture Schedule

Week	Dates	Section & Topics M / T / W / Th
11	Mar. 27 – 30	M: 6.6 Solving Quadratic Equations by Factoring / T: 6.7 Quadratic Equations and Problem Solving / W: 4.1 Solving Systems of Linear Equations by Graphing / Th: 4.2 Solving Systems of Linear Equations by Substitution.
12	April 3 – 6	M: 4.3 Solving Systems of Linear Equations by Addition & Elimination. / T: 4.4 Systems of Linear Equations and Problem Solving / W: 4.5 Graphing Linear Inequalities / Th: 4.6 Systems of Linear Inequalities. +
13	April 10 – 13	M: 7.1 Simplifying Rational Expressions / T: 7.2 Multiplying and Dividing Rational Expressions / W: 7.3 Add and Subtract Rational Expressions with Common Denominators/ Th: 7.4 Add and Subtract Rational Expressions with Unlike Denominators. +
14	April 1 7 – 20 **April 20**	M: 7.5 Solving Equations Containing Rational Expressions / T: 7.6 Proportion and Problem Solving with Rational Expressions / W: Catch Up / **Thursday: EXAM 3 (Covers Chapter 4, Sections 6.5 – 6.7, 7.1 – 7.5)**
15	April 24 – 27	M: 7.8 Simplifying Complex Fractions / T: 8.1 Introduction to Radicals / W: 8.2 Simplifying Radicals / Th: 8.3 Adding and Subtracting Radicals.
16	May 1 – 4	M: 8.4 Multiplying and Dividing Radicals / T: 8.5 Solving Equations Containing Radicals / W: 8.6 Problem Solving / Th: Finish 8.6 Radical Equations and Problem Solving, 8.7 Rational Exponents. +
17	May 8 – 11	M: Finish 8.7 Rational Exponents, Catch Up / T: 9.1 Solving Quadratic Equations by the Square Root Property / W: 9.2 Solving Quadratic Equations by Completing the Square / Th: 9.3 Solving Quadratic Equations by the Quadratic Formula. +
18	May 15 – 18 **May 16**	M: Catch Up / **Tuesday: EXAM 4 (Covers Sections 7.6, 7.8, Chapter 8, Sections 9.1 – 9.3)** W: 9.5 Graphing Quadratic Equations / Th: Finish 9.5 Graphing Quadratic Equations & Catch Up
19	**May 22**	**Monday: Comprehensive Final Exam** <mark>**7:00 AM – 9:45 PM**</mark> ****Please NOTE THE EARLIER TIME **** **You may have a 3x5 inch note card for formulas and notes, but NO examples.**

Note: *This **tentative** schedule of lectures and exams* 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.

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Homework Assignments: **Do some homework EVERY Day!**

If you choose Online Homework: The course code when registering with MyMathLab is **dovan04699**.
  ➢ All online Homework Assignments due dates are posted in this syllabus and on the MyMathLab homework site. Please check the website regularly for updates.
  ➢ You may rework assignments as many times as you'd like, but only up until the MyMathLab due date.

Textbook Homework Assignments: Write the problems down (unless it is a word problem, then only write the important information) neatly and show the steps that you are using to get to the solution. Separate each problem with at least one line. You may use the two-column method on your paper. Draw a line down the middle of the paper. **Finish one column** with problems **before starting the next column.** Do not combine both methods on the same assignment. **Problems that are graphed require graph paper**. New assignments require a new paper. Staple all pages in order on the left corner and on the front page at the **top right corner** write: Your Name
                                                                                                          Math 151
                                                                                HW Assignment Section # and Title of HW Section
Points are based on completeness, correctness and clarity. Textbook Homework due dates are listed in the syllabus. I do NOT accept late homework.

Text Book Homework Assignments *(Not for those using MyMathLab Online Homework!)*

Sections	Pages	Problems	Due Date
1.4	**34 – 35**	25, 39, 41, 54, 89.	
1.5	**42 – 43**	31, 51, 59, 98, 100.	**Thur 1/19**
1.6	**49 – 50**	25, 27, 35, 36, 43, 53, 55, 65, 79, 80.	
1.7	**60 – 61**	31, 49, 50, 81, 89, 111, 115.	
1.8	**67 – 68**	29, 56, 85 – 91.	**Tue 1/24**
2.1	**84 – 85**	3, 4, 11, 22 – 29, 38, 41, 45, 48, 75, 76, 81, 83, 95.	
2.2	**92 – 94**	9, 20, 23, 39, 57, 65, 69, 87.	**Thur 1/26**
2.3	**100 – 102**	17, 27, 31, 44, 69, 73, 77, 87.	
2.4	**108 – 110**	5, 9, 19, 23, 26, 33, 36, 49, 69, 71, 73, 93.	**Tue 1/31**
2.5	**117 – 120**	3, 6, 9, 17 – 23, 31, 39, 43, 44.	
2.6	**129 – 132**	5, 13, 17, 21, 29, 33, 41, 53, 61, 67.	**Thur 2/2**
2.7	**140 – 144**	1, 7 – 11, 15, 19, 23, 25, 29, 47, 51, 57.	
2.8	**150 – 151**	3, 5 – 9, 15, 17, 19, 22, 27, 35.	**Tue 2/7**
2.9	**161 – 163**	4, 9, 13, 15, 18, 23, 27, 35, 45, 61, 63, 67, 87.	**Thur 2/9**
3.1	**187 – 191**	7 – 10, 18a – d, 19 – 23, 35, 41, 43, 57, 87 – 93.	
3.2	**199 – 200**	9, 15, 25, 27, 29, 37, 45, 47 – 50, 53.	**Tue 2/14**
		EXAM 1	**Tue 2/14**

Continued Text Book Homework Assignments *(Not for those using MyMathLab Online Homework)*

Sections	Pages	Problems	Due Date
3.3	**208 – 209**	5, 37, 41, 44, 47, 49 – 54.	**Tue 2/21**
3.4	**220 – 222**	9, 12, 15, 17, 25, 27 – 32, 41, 51, 60, 61, 68, 69, 71, 79.	**Thur 2/23**
3.5	**232 – 234**	5, 7, 11, 19, 22, 29, 34, 41, 53, 58, 65, 71, 87 – 91.	**Tue 2/28**
3.6	**242 – 244**	3, 6, 7, 11 – 16, 19, 23, 25, 45, 48, 52, 57 – 61, 65 – 67, 69, 70.	
5.1	**320 – 321**	3, 5, 6, 11, 13, 17, 20, 31 – 35, 43, 49 – 53, 59, 69, 72, 93, 105.	**Thur 3/2**
5.2	**329 – 331**	5, 9 – 12, 17, 31, 35, 45, 50, 67, 77, 97.	**Tue 3/7**
5.3	**336 – 338**	3, 8, 15, 19, 23, 27, 31, 34, 35, 41, 51, 65, 71, 73, 75.	
5.4	**343 – 345**	7, 11, 17, 24, 25, 41, 59, 61, 76, 79, 105.	
5.5	**352 – 354**	5, 7, 11, 17, 29, 31, 47, 52, 55, 65, 69 – 72, 79, 87, 97, 101.	**Thur 3/9**
5.6	**359 – 361**	3, 7, 9, 10, 33, 37, 49, 50.	
6.1	**378 – 379**	3, 8, 11, 23, 29, 32, 37, 41, 43, 51, 54, 57, 61, 67, 70.	**Tue 3/14**
6.2	**385 – 387**	2, 5, 8, 11, 15, 19, 21, 25, 28, 37, 43, 49, 55, 65, 69, 78, 83, 87.	
6.3	**393 – 395**	7, 11, 12, 17, 23, 29, 37, 41, 49, 57, 63, 73, 89, 113, 114.	
6.4	**399 – 400**	3, 6, 9, 11, 17, 27, 33, 41, 52.	**Thur 3/16**
		EXAM 2	**Thursday 3/16**
6.5	**405 – 406**	2, 5, 11, 14, 16, 23, 27, 33, 43, 51, 61, 85, 89.	**Tue 3/28**
6.6	**417 – 419**	5, 9, 13, 14, 19, 22, 31, 35, 37, 55, 77, 79, 99.	**Thur 3/30**
6.7	**425 – 427**	1, 3, 8, 9, 13, 21, 25, 26, 33, 39.	
4.1	**264 – 266**	1 – 5, 10, 13, 15, 19, 31, 43, 53, 71, 72, 77.	**Tue 4/4**
4.2	**272 – 273**	3, 7, 9, 17, 25, 32, 33, 52, 53.	
4.3	**278 – 279**	5, 9, 12, 15, 27, 35, 46, 57 – 61.	**Thur 4/6**
4.4	**287 – 289**	7, 8, 11, 13, 16, 17, 19, 25, 26, 27, 31, 32, 38.	**Tue 4/11**
4.5	**297 – 298**	5, 11, 19, 25, 31, 43 – 45, 69.	
4.6	**301**	2, 3, 7, 10, 15, 18, 23, 31 – 34.	**Thur 4/13**
7.1	**444 – 446**	5, 9, 11, 16, 17, 23, 26, 29, 35, 45, 47, 55, 63, 67, 97.	
7.2	**454 – 455**	3, 5, 8, 11, 19, 20, 25, 27, 35, 41, 49, 56.	**Tue 4/18**
7.3	**462 – 463**	3, 5, 17, 20, 31, 33, 40, 43, 48, 57, 83.	
7.4	**468 – 470**	5, 9, 14, 15, 20, 27, 30, 43, 49, 57.	
7.5	**475 – 477**	5, 7, 11, 17, 19, 27, 28, 37, 45, 49, 53, 61, 65, 72.	**Thur 4/20**
		EXAM 3	**Thursday 4/20**

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Continued Text Book Homework Assignments *(Not for those using MyMathLab Online Homework)*

Section	Pages	Problems	Due Date
7.6	**487 – 490**	5, 7, 9, 11, 13, 16, 17, 20, 21, 22, 25, 26, 27, 35, 45, 63.	**Tue 4/25**
7.8	**506**	3, 6, 7, 15, 17, 19, 20, 25, 29, 31.	**Thur 4/27**
8.1	**524 – 525**	3, 5, 7, 19, 21 – 25, 31 – 36, 49, 53, 55, 61, 65, 93.	
8.2	**531 – 533**	3, 5, 9, 17, 19, 21, 23, 31, 35, 39, 40, 45, 59, 65, 69, 75.	**Tue 5/2**
8.3	**536 – 537**	3, 7, 9, 12, 13, 15, 16, 19, 23, 24, 27, 34, 39, 45, 57, 73.	
8.4	**544 – 545**	7, 11, 15, 18, 23, 28, 31, 39, 41, 47, 49, 57, 65, 75, 89, 91, 99, 109.	**Thur 5/4**
8.5	**551**	3, 7, 11, 15, 18, 27, 41, 62.	
8.6	**555 – 557**	3, 8, 13, 17, 19, 22, 25, 35, 39.	**Tue 5/9**
8.7	**561 – 562**	5, 7, 11, 13, 15, 19, 21, 22, 25, 33, 37, 42, 49, 51, 53, 62, 65, 69.	
9.1	**576 - 577**	3, 7, 13, 15, 19, 22, 27, 39, 55, 59.	**Thur 5/11**
9.2	**581 – 582**	1, 3, 5, 9, 12, 13, 21, 24, 31, 41.	
9.3	**588 – 589**	3, 7, 9, 11, 18, 29, 31, 37, 45, 81.	**Tue 5/16**
		EXAM 4	**Tuesday** **5/16**
9.5	**603**	1, 3, 5, 7, 9, 13, 15, 19, 41 – 44.	**Mon 5/22**
		Comprehensive FINAL EXAM **7:00 – 9:45 AM**	**MONDAY** **5/22**