MATH 151 : BEGINNING ALGEBRA   SPRING 2019
Section 5158 ; Room 1727 Shuhaw
Instructor: Dara Hill   **Office Hours: TTH 1:30 - 2:15 PM**
Phone: 527-4999 ext. 5032   **Shuhaw 1712**
e-mail: dhill2@santarosa.edu   **Final: TH, MAY 23 , 1–3:45pm**

Text: <u>Elementary Algebra for College Students</u> by Angel & Runde, 9th ed
    ISBN 9780321868060 and Solution Manual   ISBN 9780321923288

Prerequisites: CSKLS 372 or higher (VE) *or* DRD 382
    Not open to those who have taken Math 150B with a grade of "C" or better.

Course Content: The topics in this course include equations and inequalities in one and two variables, integer exponents, polynomials, rational expressions, radicals and rational exponents, quadratic equations, and the graphs of parabolas. Find full Course Outline on-line at SRJC home page by using Search for Course Outline Math 151; choose as of Fall 2017.

Materials: 8.5x11 inch lined paper and graph paper, pencils and erasers
    Scientific Calculator
    (no personal electronics may be used in class)

Homework: Homework will be assigned each class meeting and is due at the beginning of the following class. Selected problems will be discussed. Homework is scored on a scale of 1–10, based on the number of problems completed compared to the number of problems assigned and accuracy. All work must be shown neatly and graphs must be on graph paper. A list of answers will not be accepted. You are responsible for checking answers before class. Format will be explained in class. *No late papers will be accepted*. Your six lowest scores will be dropped.

Quizzes: There may be a quiz each week, announced or "pop". Quiz questions may consist of homework problems and/or similar problems. Quizzes will be collected and graded for accuracy (scale 1-20). *No makeup quizzes will be given.* Your two lowest scores will be dropped.

Tests: There will be four tests prior to the Final Exam.
    No makeup tests will be given. Tests must be taken in class on the scheduled day.
    Your Final Exam grade will be used to replace a missing test or your lowest test score if it improves your grade.

Final Exam: The Final Exam is May 23 (Thursday), 1 – 3:45 pm .
    It will be a comprehensive exam, covering the entire semester.

    Failure to take the exam will result in failing the course.

Attendance: You are expected to attend each class meeting. Actively participate by coming prepared, asking questions and taking notes. Understanding of each topic often depends on knowledge of concepts and vocabulary of previous topics.
SRJC policy states that a student may be dropped for missing 10% or more of classes. Two tardies/early departures will count as one absence. If you must miss consecutive class meetings, please let me know.

Grades: Your course grade will be determined as follows.

Weights

Homework and Quizzes………………..20%
Tests……………………………………60%
Final Exam……………………………...20%

Scale

90% or above………………A
80% to 89%…………………B
70% to 79%…………………C
60% to 69%…………………D
below 60% or failure to take the Final Exam….F

Classroom Expectations:
1. Students are expected to abide by SRJC Student Conduct Standards and Policy on Academic Integrity. Please see your SRJC catalog :
http://student-conduct.santarosa.edu/
https://studentlife.santarosa.edu/academic-integrity

2. All personal electronics are to be turned off and put away before class starts. A scientific calculator is the only device allowed during class.
٭ Use of personal electronics during a Quiz, Test or Final will result in a zero.

Accommodations For Students With Disabilities: Please contact Disability Resources so accommodations can be implemented as soon as possible.
Tel: (707) 527-4278   Email: disabilityinfo@santarosa.edu   http://drd.santarosa.edu

Resources: Student Health Services - shs.santarosa.edu
Student Resource Center 4657 Bertolini - resources.santarosa.edu
Math help is available from your instructor, the Math Lab in Shuhaw 1733 and the Tutorial Center in Doyle Library. See Math Dept. web site : Tutorial Resources.
Get a solution manual. Form study groups. Check on-line resources. Be proactive.

Drop Dates : 2/3 Drop without "W"
4/21 Drop with "W"

MATH 151 : BEGINNING ALGEBRA
SPRING 2019 , SECTION 5158 , D. HILL
TTh 2:30- 5 pm , Shuhaw 1727

TENTATIVE COURSE SCHEDULE

15-Jan	Introduction ; Review Chapter 1; 2.1, 2.2, 2.3 Properties
17-Jan	2.4, 2.5, 2.6 Solving Linear Equations, Formulas
22-Jan	NO CLASS - Professional Development (Faculty and Staff)
24-Jan	2.8 Inequalities ; 3.1 Applications to Equations
29-Jan	3.2, 3.3 Problem Solving
31-Jan	3.4 Problem Solving
5-Feb	Review Chpt. 2 & 3 ; 4.1, 4.2 Exponents
7-Feb	**TEST CHAPTER 2 & 3 ;** 4.3 Scientific Notation
12-Feb	4.4, 4.5 Add, Subtract, Multiply Polynomials
14-Feb	NO CLASS - Professional Development (Faculty and Staff)
19-Feb	4.6 Divide Polynomials ; 5.1 Factor out a Monomial
21-Feb	5.2, 5.3 Factor - Grouping and Trinomials
26-Feb	5.4, 5.5 Factor Trinomials and Special Formulas
28-Feb	5.6, 5.7 Solving Quadratics and Applications
5-Mar	Review Chpt. 4 & 5 ; 6.1, 6.2 Rational Expressions
7-Mar	**TEST CHAPTER 4 & 5 ;** 6.3 Add and Subtract Rationals
12-Mar	6.4, 6.5 Complex Fractions
14-Mar	2.7 Ratio and Proportion; 6.6, 6.7 Rational Equations
26-Mar	7.1, 7.2 Graph Linear Equations
28-Mar	7.3, 7.4 Slope and Linear Equations
2-Apr	7.5 Graph Linear Inequalities; 8.1 Systems of Equations
4-Apr	8.2, 8.3 Solving Systems of Equations
9-Apr	8.4, 8.5 Systems with Applications and Inequalities
11-Apr	Review Chapters 6, 7, 8
16-Apr	**TEST CHAPTER 6, 7 & 8**
18-Apr	9.1, 9.2 Square Roots - Evaluate and Simplify
23-Apr	9.3, 9.4 Operations with Square Roots
25-Apr	9.5, 9.6 Solving Radical Equations
30-Apr	9.7 Roots and Exponents ; 10.1 Square Root Property
2-May	10.2, 10.3 Solving Quadratic Equations
7-May	10.4, 10.5 Graph Quadratics, Complex Numbers
9-May	Review Chapter 9, 10
14-MAY	**TEST CHAPTER 9 & 10**
16-May	Final Review
23-May	**FINAL EXAM 1 - 3:45PM**