SANTA ROSA JUNIOR COLLEGE

Math 151 Course Syllabus

FALL 2018

COURSE NUMBER/TITLE: Math 151-0853 / Elementary Algebra
FIRST and LAST DAY OF CLASS: This class starts on the week of August 20 and ends on the week of December 17.
TIME and LOCATION: TTH: 6:00 -8:30 PM, Shuhaw Hall, Rm 1729.
INSTRUCTOR'S NAME: Elhadji Gaye
INSTRUCTOR'S OFFICE/TELEPHONE/LCCC E-MAIL ADDRESS: 1746/707-527-4328/ egaye@santarosa.edu

OFFICE HOURS: Monday, Wednesday: 1 - 2 PM
Tuesday, Thursday: 4:30- 6:00 PM or by appointment.

COMMUNICATING WITH THE INSTRUCTOR: To contact the instructor please email me using your school email at egaye@santarosa.edu
Emails and phone calls will be returned within 24 hours within the working week Monday through Friday.

Prerequisites: Course Completion of CSKLS 372 or higher (VE) or Course Completion of DRD 382.
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 expressions, radicals and rational exponents, quadratic equations, and the graphs of parabolas. Not open to those who have taken MATH 150B with a grade of "C" or better.

INSTRUCTIONAL MATERIALS TO BE USED:

Instructor course ID: **gaye61507**

Textbook: Beginning Algebra 7th edition by Martyn-Gay,Elayn

Required: MyMathlab (MML) access code

Calculator: You will need a calculator, but only for very few problems. It is important that you work most problems without a calculator. This will help you solidify your knowledge of arithmetic with numbers, particularly fractions. There are no calculators allowed on exams.

OJECTIVES:

Upon successful completion of the course, students will be able to:

1. Solve advanced linear equations and inequalities in one variable and related applications.
2. Evaluate and solve formulas.
3. Graph linear equations and inequalities in two variables, including the slope-intercept method, and find the equation of a line.
4. Define a polynomial and perform the operations of addition, subtraction, multiplication, division, and factoring of polynomials.
5. Apply the laws of exponents to algebraic expressions.
6. Solve systems of equations and inequalities in two variables and related applications.
7. Perform operations of addition, subtraction, multiplication, and division on radical expressions and simplify.
8. Solve radical equations and related applications.
9. Manipulate expressions involving rational exponents.
10. Perform operations of addition, subtraction, multiplication, and division on rational expressions, and simplify rational expressions and complex fractions.
11. Solve rational equations and related applications.
12. Solve quadratic equations by completing the square and the quadratic formula.

Class Policies, Expectations, Requirements:

- Attendance: if you miss the first two days of the class or two days or two days in the first two weeks of class without prior from me, I will drop you from the course. If you have a prolonged absence from the class or miss an exam without contacting me about such absence, I may drop you from the course.
  A high degree of professionalism, participation, and attendance in class is expected. Remember that you are responsible for your learning and conduct. Attendance will be taken daily.

- Be on time to class and attend the entire class period.
- Focus on learning by being an active participant, limit side activities.
- Come prepared and with a positive and energetic attitude.
- Respect each person, treat each other with dignity, and encourage all to participate.
- Participate in group work by asking questions, communicating your understanding to your group-mates, and completing the handouts.
- Turn off cellphones

- Course information, syllabus, grades, review sheets, lecture and exam schedule, will be found in your Canvas course. It is important that you log in and set your preferences to receive notifications.

- Instructional Model: A variety of in-class and out-class learning activities will be used: lecture, practice problems, online and paper homework, answering questions on assigned homework.

- The homework is assigned, and submitted online. There will be NO extensions granted for any reason other than an error on the part of MyMathLab system. I expect that you get to work on your assignments early and consistently, therefore, last minute disasters will not be grounds for assignment extensions! When the assignment is posted, download the assignment and you are allowed and encouraged to print out the assignment and work on the solutions by hand and in study groups. Then enter in your answers in the system when you are done. You must complete each assignment with a score of 80% or better in order to move to the next one.
- Closed book quizzes will be given after every chapter section. Quizzes will be given at the beginning of the class sessions. The lowest two quiz scores will be dropped. I don't give make up quizzes for any reason. That's what dropped quizzes are for.

- You are expected to read through each section covered in class in the book before class. If you can get into this habit, it will serve you well in your future math classes. You need to have a hard copy of the book handy for each class for in-class check point problems. You can buy or rent a textbook.

- There will be at least 3 midterms and a final exam. The final exam is comprehensive.

GRADING:

You will be assigned the letter grade that corresponds with your respective performance on the following rubrics

MyMathLab Homework: 30%

Quizzes: 25%

Exams: 45%

Total: 100%

GRADING SCALE: I employ a traditional grading scale, as indicated below.

90%-100% → A

80%-89% → B

70%-79% → C

60%-69% → D

Below 60% → F

TUTORING:

- Free tutoring: The Computer and Mathematics Lab in 1733. Santa Rosa Campus's Tutorial Center (first floor of library) and Petaluma Campus's Tutorial Center located in Kathleen Doyle Hall, 2nd Floor, Rm 247. For any student who has declared a Calculus based science major, you can join MESA, located in Bertolini, room 4832. They have tutoring services and so much more!
- Private Tutors: The Math Department has a list of private tutors. This list can be found on the Math Department web site at mathematics.santarosa.edu

ACADEMIC INTEGRITY:

Academic integrity is the moral code or ethical policy of academia. This includes values such as avoidance of cheating or plagiarism and maintenance of academic standards.
Although students are encouraged to work together outside of class, students must do their own work on homework, quizzes, and exams. Students who cheat or assist other students in cheating will receive no credit (0%) on that assignment or test, will be suspended for two class meetings by the instructor, and may be referred to the Vice President of Student Services for discipline sanction in cases of egregious violation. A second offense will result in a permanent dismissal from the class and an F in the course. Please read SRJCs policy/procedure on academic integrity at santarosa.edu.

Accommodating a Disability:

If you need disability-related accommodations for this class such as a note taker, test-taking services, special furniture,…, please provide the Authorization for Academic Accommodations (AAA letter) from Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours your accommodations. If you haven't received authorization from DRD, it is recommended that you contact them directly. DRD is located in 101 Jacobs Hall in the Petaluma Campus, and Analy Village on the Santa Rosa campus. I cannot give you accommodations if you are not registered with the DRD.

Emergency Evacuation:

In the event of an emergency during class that requires evacuation of the building of the building, please leave the class immediately and calmly. Our class will exit the building together 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.

DISCLAIMER: Changes to this schedule may be necessary as this course progresses. When a need to change the schedule arises students will be informed in advance via Canvas email.