

# **Santa Rosa Junior College**

## **Syllabus for SPRING 2018**

**Course name and number:** Math150A/Elementary Algebra 1

**Section code:** 5146

**Class Meeting Days/Times:** TR 3:00 – 4:30pm

**Class Location:** Shuhaw 1731

**Instructor:** Dr. Ying Lin

**Instructor's webpage:** <http://www.santarosa.edu/~ylin>

**Office:** Shuhaw 1702

**Email:** ylin@santarosa.edu

**Phone/Voicemail:** 707-521-6912

**Office hours:** see the calendar on the instructor's webpage

### **Key dates for the traditional 18-week semester:**

Day Class Begins: January 17, 2018

Drop/refund deadline: January 28, 2018

Last Day to Drop without W: February 4, 2018

Last Day to Drop with W: April 22, 2018

**Final exam date: Tuesday, May 22, 1:00 – 3:45pm**

### **Course Description:**

The first half of a beginning algebra course, including equations and inequalities in one variable, integer exponents, polynomials, and equations and inequalities in two variables. MATH 150A/MATH 150B splits MATH 151 into a two-semester sequence which is equivalent to a first year high school algebra course. Not open to those who have taken MATH 151 with a grade of "C" or better.

### **Course Objectives:**

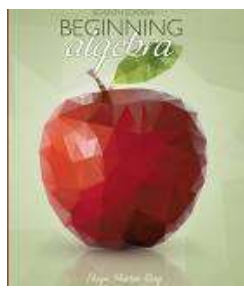
Upon successful completion of the course, students will be able to:

1. Apply advanced linear equations and inequalities in one variable to solve problems such as mixture, investment, and distance.
2. Evaluate and solve formulas.
3. Graph linear equations and inequalities in two variables, including the slope-intercept method and finding 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.

### **Prerequisite:**

C or better in CSKLS 372, or placement into Math 150A from the Math Placement Test at SRJC.

### **Textbook:**



Beginning Algebra, by Martin-Gay, 7th ed. Pearson, 2016  
Library Call Number: QA152.3 .M353

(Textbook packages available at the bookstore. Before you purchase the textbook, please read the following paragraph for more information carefully.)

**MyMathLab Access** is required for completing the homework problems online. It is recommended that you purchase the looseleaf version of the textbook packaged with MyMathLab access code at the bookstore.

Although MyMathLab provides access to an online version of the textbook, if the internet goes out, you may be asked to turn in your homework on paper. In addition, my previous students have found it much easier to read from the hardcopy of the textbook instead of reading from the computer screen. Therefore, I highly recommend you obtain a hard copy textbook, since the same book will be used for 150B next semester. The looseleaf version also allows you to only carry the portion of the relevant portion of the textbook in a 3-ring binder. During the semester, you may be required to bring your textbook to use in class.

Once you have acquired an access code, go to [www.mymathlab.com](http://www.mymathlab.com), click on “Students/Register.” Click Next. The Course ID is **lin45924**. The course information will appear. There is a free trial period of 14 days. Select “Buy Now” if you are buying with a credit card. Select “Access Code” if you have purchased the bundle at the bookstore. The course “Math150A – Spring 2018 - LIN” should appear in your list of courses. If this is your first time using the website, you should enter the course and click the "MyMathLab Installation Wizard" to make sure your browser has the necessary plug-in to visit the course website. The access code for MyMathLab is valid for a year from the date you purchased it.

### **Class Attendance:**

Absences, arriving to class late and leaving class early are counterproductive to learning. If you need to leave class early, notify the instructor **before** class starts, sit close to the exit and leave without disturbing the instructor or other students. You are responsible for obtaining any notes, announcements, etc. If you are absent, arrive late to class or leave early during more than 10 percent of the classes, in addition to deduction to your attendance points, you may be withdrawn from the course without notice. Missing the first class may also result in you being withdrawn from the course to allow other students to enroll. Students are responsible for officially withdrawing from the course if they stop attending.

### **Email:**

Email is checked twice a day during business hours only. Please include your course number and class time in the subject of your email. Please type your email using complete sentences in a respectful manner to ensure a timely response.

### **Grading Policies**

Grades			Final Grades	
Homework	110 points		630-700 points	A
Attendance	10 points		560-629 points	B
Quizzes	80 points		490-559 points	C

Midterm and Final Exams	500 points		420-489 points	D
Total	700 points		0-420 points	F

### Incompletes:

The grade of "I" (incomplete) may be requested only with a valid, verifiable excuse and only if the student has successfully completed all but a small portion of the required coursework with a passing grade (at least 70% of the coursework must be complete). A student requesting an incomplete must do so by 24 hours after the final exam. An incomplete may be given only at the discretion of the instructor.

**Homework** will be collected at the beginning of each class. Each assignment 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 done neatly with a two column format, answers circled, and space left for comments between problems. Refrigerator homework should be so complete, beautiful, and clear enough that it is suitable for display on your refrigerator. In cases of illness or emergency, late homework will be accepted but will be worth 50% for the Refrigerator part.

**Quizzes:** weekly in-class quizzes will be given to test understanding of the homework assignments. Quizzes may be completed individually or as a group. If you have done your homework, the quizzes (closed book) will be easy, otherwise they will be difficult.

**Exams:** four midterm exams and a final exam will be given in class on the dates noted in the syllabus. These are closed book, closed note exams. All exams will consist entirely of problems from homework assignments. **Exams cannot be made up!** The final exam will be a comprehensive exam. It must be taken on the last day of class. So make your vacation plans accordingly.

If you miss a midterm exam, your comprehensive final exam score can replace the score of up to one missed exam.

- Example 1: you have scored 80 in all of your midterms and 90 in your final. Then you total test/final scores will be  $80+80+80+90+90=420$  out of 500 points.
- Example 2: you have scored 80 in all of your midterms and 70 in your final. Then you total test/final scores will be  $80+80+80+80+70=390$  out of 500 points.

If you receive less than 60% in the Final Exam, your final letter grade will be lowered by one full letter grade (e.g. from C to a D).

### Student Withdrawal "W" Grades

Students may **withdraw** from class without instructor permission and without incurring any grade penalty until the W deadline. This grade may be requested by the student only during the first two-thirds of any session and may be given by the instructor on or before the official census reporting date to students who have ceased attending class before that date. Students who stop attending class after this date may receive a grade of "F."

### Study Groups:

You are encouraged to form study groups outside the classroom. If you would like to join a study group, please let me know. Time sheets will be distributed to record all meetings of the study groups and collected before each test. At the end of the semester, extra credit may be awarded to groups that have been meeting at least once every week.

**Help:**

- Your questions are welcomed both in and out of class. If you cannot resolve your questions in class, I strongly recommend you coming to see me during office hours.
- My previous experience has shown that participating in study groups can greatly benefit all students at this level, no matter whether you are an “A” student or someone who struggles with Math.
- Assistance can be found in the Mathematics Computer Lab, the MESA center, and the Tutorial Center in the Library.
- The Math Department office has a list of private tutors. This list can also be found on the Math Department web site at [www.santarosa.edu/mathematics](http://www.santarosa.edu/mathematics).

**ADA Compliance Statement:**

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 Analay Village on the Santa Rosa campus, and Petaluma Village on the Petaluma Campus.

**Student Conduct**

We will conduct ourselves in a manner which reflects our awareness of common standards of decency and the rights of others. All students are expected to know the Student Conduct Code ([http://www.santarosa.edu/for\\_students/rules-regulations/scs/section1.shtml](http://www.santarosa.edu/for_students/rules-regulations/scs/section1.shtml)) and adhere to it in this class. Students who violate the code may be suspended from 2 classes and referred to Vice President of Student Services for discipline. If you use your phone during class without asking for permission, you may be asked to leave the classroom and will not be able to make up any work missed.

**Respect**

The best way to learn is through active participation; therefore, we respect others when talking by being on-time, listening actively, and by being polite even when we disagree with another's viewpoint. Please turn off all electronic devices. If you use a laptop for note taking, please sit in the front row with the sound off. No food in class please.

**Academic Integrity**

All written work is to be original; plagiarism of any kind will result in a failing grade on that assignment. Students who plagiarize or cheat may be suspended [for one or two class meetings by the instructor] and referred to the Vice President of Student Services for discipline sanction, in cases of egregious violation. Please read the college policy/procedure on academic integrity at: <http://www.santarosa.edu/polman/3acadpro/3.11P.pdf>

**Emergency Evacuation Plan**

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately, but 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 the class is on a second or higher floor, provide clear directions to the stairs). If you are a student with a disability who may need assistance in an evacuation, please see me during my office hours as soon as possible so we can discuss an evacuation plan.

**Caveat:**

The instructor reserves the right to make changes to the syllabus and will notify students of those changes in class.

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