Math 150A – Elementary Algebra Course Syllabus   Welcome to Fall 2017

Santa Rosa Junior College

Section # 1125   TTh 10:30AM-12PM   Shuhaw 1727

Instructor: Cortney Schultz

Email: cschultz@santarosa.edu   Phone: (707) 527 – 4705   Office: Shuhaw 1712

Office Hours: MW 8:50am – 9:50am & 12pm – 12:30pm   TTh 9:20am – 10:20am

My SRJC Website: https://profiles.santarosa.edu/cortney-schultz

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

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. The combination of MATH 150A and MATH 150B is equivalent to MATH 151. Not open to those who have taken MATH 151 with a grade of "C" or better.

Student Learning Outcomes: Here is the link for Math 150A course outline at SRJC.
https://portal.santarosa.edu/SRweb/SR_CourseOutlines.aspx?CVID=37618&Semester=20177

Textbook: *Beginning Algebra, 7th Edition*, by Elayn Martin-Gay. ISBN 13: 978-0-13-420880-0

Homework: Homework will be completed and submitted <u>online</u> and requires the purchase of MyMathLab.
Here are two purchasing options:

> <u>Option #1:</u> Purchase the hardback textbook and the MyMathLab access code (E-textbook is included).

> <u>Option #2:</u> Purchase only the MyMathLab access code (E-textbook is included).

To create an account for MyMathLab, go to https://www.pearsonmylabandmastering.com
The course ID is **schultz56958**

Calculator: Non-graphing calculators may be used to aid in the completion of online homework problems. However, calculators will not be permitted during quizzes and exams.

Grading:

Quizzes (4 @ 2% each)	8%	$A \geq 90$
Homework	12%	$80 \leq B < 90$
Exams (3 @ 20% each)	60%	$70 \leq C < 80$
Final Exam	20%	$60 \leq D < 70$
	100%	$F < 60$

Homework Grading/Late Homework: Select homework sections will be due and submitted online once a week. You have unlimited attempts at answering a homework question. If homework is not completed by the due date and time, you have until the date of the upcoming exam to complete the remaining problems for half-credit.

SRJC 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.*

Attendance and Make-up Policy: Attendance is <u>critical</u> in this course. There are NO MAKE-UP EXAMS or QUIZZES.
If you are absent for a quiz, you will receive a zero. If you are absent for an exam, your final exam score will replace the one you missed. If you miss a second exam, you will receive a zero. For those students who did not miss any exams, their lowest exam grade will be replaced by their final exam grade.

If you are absent, **you are completely responsible** for the material you missed. Contact a classmate for any assignments, announcements or notes.

My Classroom Policy is to insure the best environment for learning and is a courtesy to me and your fellow students.

♦ Arrive on time.

♦ Stay for the entire class period.

♦ Have pencils sharpened before class begins.

♦ Turn off ALL electronic devices except your calculators.

♦ Keep your cellphone turned off and inside your bag/backpack until class is over.
   If your phone is out during class, I will give you one warning to put it away. After the first warning, I will ask you to leave class for the rest of the period.

Important Academic Calendar Dates:

August 21st	Classes begin
September 4th	Labor Day (No Classes)
September 5th	PDA Day (No Classes)
September 10th	Last day to register/add with an instructor's add code
November 19th	**Last day to drop a class with "W" symbol**
November 23-26	Thanksgiving Holidays (No Classes)
December 19th	**Final Exam (10AM-12:45PM)**

Cheating/Plagiarism: Please read SRJC's policy/procedure on academic integrity at
http://www.boarddocs.com/ca/santarosa/Board.nsf/goto?open&id=A63TMC78051C
All exams (including the final) must be done by the student alone. Any student who violates this rule will receive a zero on the exam. A student who commits a second offense may receive a failing grade in the class.

Accommodations for Disabilities: 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.

Santa Rosa campus:	Main office – Bertolini student center, 3rd floor east
	Support services & testing – Analy Village, Bldg D
Petaluma campus:	Main office – Jacobs Hall rm. 101

Emergency Evacuation: In the event of an emergency during class that requires evacuation of the building, please leave the class immediately and calmly. 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.

Tutoring: <u>Free</u> tutoring is available to all registered SRJC students.

Santa Rosa math lab: Shuhaw 1733 & 1735 – M-Th 7:30AM-7PM & Fri 11AM-2PM

Santa Rosa tutorial center: 1st floor of the Doyle library – M-Th 8AM-7PM & Fri 8AM-3PM

Petaluma Tutorial Center: Kathleen Doyle 247 – M-Th 9:30AM-6PM & Fri 9:30AM-3PM

Schedule: Before each class, it would be immensely beneficial for you to re-read your notes from the previous class and read the appropriate section(s) to be covered that day.

Math 150A (Section #1125) - Elementary Algebra

	Monday	Tuesday	Wednesday	Thursday
		10:30am-12pm		10:30am-12pm
Week 1 Aug 21-24		Syllabus Overview Pre-requisite review		**2.1** Simplifying & translating expressions
Week 2 Aug 28-31		**2.2** Add. Property of equality **2.3** Mult. Property of equality		**2.4** Solving linear equations **2.5** Intro to problem solving
Week 3 Sep 4-7	**Labor Day (No Classes)**	**PDA Day (No Classes)**		**Quiz 1** [2.1-2.4] **2.5** Problem Solving
Week 4 Sep 11-14		**2.6** Solving with formulas, literal equations		**2.7** Percents & mixtures
Week 5 Sep 18-21		**2.8** One variable application problems		**2.9** Solving linear inequalities **Exam 1 Review**
Week 6 Sep 25-28		**EXAM 1** [2.1-2.8]		**2.9** Applications of linear inequalities
Week 7 Oct 2-5		**3.1** Reading graphs and rectangular coordinate system **3.2** Graphing linear equations		**3.2** more graphing lines **3.3** Intercepts
Week 8 Oct 9-12		**3.4** Slope and rate of change		**Quiz 2** [2.9, 3.1-3.3] **3.4** Parallel & Perp. Lines
Week 9 Oct 16-19		**3.5** Equations of lines		**4.5** Graphing linear inequalities in 2 variables

Week 10 Oct 23-26		**5.1** Exponent rules **Exam 2 Review**		**EXAM 2** [2.9, 3.1-3.5, 4.5]
Week 11 Oct 30-2		**5.2** Adding & subtracting polynomials		**5.3** Multiplying polynomials **5.4** Special products
Week 12 Nov 6-9		**5.5** Negative exponents & scientific notation		**Quiz 3** [5.1-5.4] **5.6** Dividing polynomials
Week 13 Nov 13-16		**5.6** Dividing polynomials (long division)		**6.1** GCF & factoring by grouping **Exam 3 Review**
Week 14 Nov 20-23		**EXAM 3** [5.1-5.6]		**Thanksgiving (No Classes)**
Week 15 Nov 27-30		**6.2** Factoring x^2+bx+c		**6.3 & 6.4** Factoring ax^2+bx+c
Week 16 Dec 4-7		**6.5** Factoring special polynomials		**Quiz 4** [6.1-6.4] **6.6** Solving quadratics by factoring
Week 17 Dec 11-14		**6.7** Quadratic equations and problem solving		**Final Exam Review**
Week 18 Dec 18-21	**Final Exam: Tuesday, December 19th (10am-12:45pm)**			

Note: This schedule is tentative and may be altered to match the pace of the course.