

East Los Angeles College --- Fall 2018
Department of Mathematics
MATH 115(28299)—Elementary Algebra (5 units)
MW 1:30 – 4:00pm Room: G5-003

Instructor: Melanie Xie

Office: G5-111A

Phone: 323-415-4178

Office Hours: MTWR: 7:55am – 8:55am

MW: 11:45 – 1:15pm

or by appointment

Email: xiemc@elac.edu or xiemc2@gmail.com

Website: www.weheartmath.com

Textbook:

Elementary and Intermediate Algebra, (Custom Edition for ELAC), by Bittinger, Ellenbogen, Johnson
Or Elementary and Intermediate Algebra, 6th edition, by Bittinger, Ellenbogen, Johnson.

Calculator: Scientific calculator is allowed for homework, quizzes, and exams.

Prerequisite: Satisfactory completion of Math 112 or Math110, or acceptable level of skills as demonstrated in the mathematics placement process.

Course Description: In this course, students will develop their knowledge of basic algebra. We will cover the following topics:

- Solving linear equations and its applications
- Graphing linear equation and linear inequalities.
- Solving systems of equations in two variables and its applications.
- Find the slope of a line and obtain the equations of a line.
- Rules of exponents and scientific notation.
- Polynomial operations, factoring and simplify rational expressions.

Grade:	Tests (4).....	48%
	Quizzes	12%
	Collected work.....	15%
	Final	25%
	SI sessions hours (mandatory for FYE students)	0%

Exams: Four exams are scheduled for the class (the dates are included on the tentative schedule). You are expected to take the exams on the scheduled date. No make-up exams will be given or any reason. If you miss one exam, the grade on the final will be substituted for the grade on the missed exam. If you have taken all scheduled exams, you may substitute the grade on the final if it is higher, for the grade on the single lowest exam. If you miss 2 exams, you will have a grade of 0% for the second regardless of the reason.

Quizzes: I will give at least one quiz per week. Problems for the quizzes is either similar to or take from assigned homework problems. No make up for quizzes. To accommodate unforeseen circumstance, I will drop the lowest quiz score.

Homework:

Textbook Homework: You should do all the odd number problems from the textbook as practice problems. I will not collect textbook homework for grade.

Handouts: Handouts for each chapter are posted on my website: www.weheartmath.com/xie, You are expected to print and bring those handouts to class. We will work on some handout problems in class. Handouts will be collected for grade. Due date for each handout will be announced in class. **No late assignments will be accepted.**

Final: The final exam is cumulative and will count as 25% of the overall grade. The exam is closed book and closed notes. Final exam is mandatory and failure to attend will result in an “F”.

Supplemental Instruction (SI): SI sessions are peer-facilitated study sessions. Inside an SI session, students engage in interactive study groups, discuss course content, learn and integrate study skills, participate in learning activities, and take mock exams. By the FYE program, students in this class must 20 SI session hours before the final.

SI Coach: German Olvera Location: E7-210

Email: olveragerman570@gmail.com

SI Schedule:

Grading Scale:

A: 90% - 100%; **B:** 80% - 89.9%; **C:** 70% - 79.90%; **D:** 60% - 69.9%; **F:** 0% - 59.9%

Note: I do not assign incomplete grade, except for reasons that are totally beyond your control.

Attendance: Student must attend all sessions of the class the first week, and regular attendance is a requirement to remain enrolled. I expect you to attend the entire class, not to arrive late or leave early. Students are responsible for all announcements made in class regardless of their presence. Students are responsible for official withdraws from the class through admission office. If you stop attending it is still your responsibility to withdraw yourself from the class. If you do not withdraw yourself you may receive either a F or a W in the course, neither is guaranteed. **If you accumulate 5 hours or more absence during the semester, you may be dropped from the course for non-attendance.**

Academic Honesty: Any form of dishonesty will not be tolerated. Any form of cheating on an assignment will earn an automatic 0 (or F) on that assignment. Do not give me reason to suspect you are cheating on an assignment.

NOTE for Exams/Quizzes/Final:

1. You may be asked to move your seat at any time during the test.
2. Any breach during an exam will be reported. Going into your bag, using a calculator, any talking, looking at another person’s exam, passing a note, writing on your desk etc... cheating of any kind, will not be tolerated and will be immediately reported to the campus authorities.

Course Learning Outcome (CLO): At the end of this class:

1. Students will solve a quadratic equation by method of factoring.
2. Given a linear equation in standard form, students will:
 - a. Write the equation in slope-intercept form
 - b. Determine the slope
 - c. Determine the y-intercept
 - d. Graph the equation

Class Behavior and Participation:

- You are expected to arrive to class on time and be prepared.
- Talking on a cell phone or checking messages is inappropriate at all time during class time. You are expected to turn off your cell phone or set it to silent.
- I expect you to show respect to your fellow classmates by not talking in class unless, of course, you have a question.
- Please do not bring food into the classroom, do not eat in the classroom.
- Please do not listen to music during class and do not put your headphones on your ears.

Failure to comply with class rules will result in points being deducted from exam or being asked to leave. If you are asked to leave early by the instructor, it does count as an absence.

Compliance:

Students with disabilities who need reasonable accommodation should promptly alert the instructor, then provide verification of disability to the Disabled Students Program located in E1-106 or call (323) 265-8787 to make an appointment. If a student with a disability feels that accommodations offered are inappropriate or insufficient, s/he should seek the assistance of the DSP&S Coordinator and/or the Vice President of Student Services.

Important Dates:

- Last Day to Drop classes without having to pay fee, without 'W'— Sunday, 09/03/18
- Last Day to Drop classes with a 'W' --- Sunday, 11/18/18
- Holidays: 09/03/18, 11/12/18, 11/22/18, 11/23/18

Math 115 Tentative Schedule (MW)		
Week	Monday	Wednesday
week 1 08/27 - 08/31	Introduction, 1.1, 1.2	1.3, 1.4, 1.5
week 2 09/03 - 09/07	Holiday	1.6, 1.7, 1.8
week 3 09/10 - 09/14	2.1, 2.2, 2.3	2.4, 2.5
week 4 09/17 - 09/21	2.6, 2.7	3.1, 3.2
week 5 09/24 - 09/28	Test #1	3.3, 3.4
week 6 10/1 - 10/5	3.5, 3.6	3.7, 8.1
Week 7 10/8 - 10/12	8.2, 8.3	8.3, Catch up
week 8 10/15 - 10/19	Test #2	4.1, 4.2
week 9 10/22 - 10/26	4.3, 4.4, 4.5	4.6, 4.7
week 10 10/29 - 11/2	4.8, 5.1	5.2, 5.3
week 11 11/5 - 11/9	5.4, 5.5	Test #3
week 12 11/12 - 11/16	Holiday	5.6, 5.7
week 13 11/19 - 11/23	5.8, 6.1	6.2, 6.3
week 14 11/26 - 11/30	6.4, 6.5	6.6, 6.7
week 15 12/3 - 12/7	Test #4	Catch up and Review
Final 12/10 - 12/14		Final (Wednesday, 12/12/18) 2:30pm - 4:30pm

Disclaimer: All information in this syllabus is subject to change, including, but not limited to lecture material and exam/quiz dates. All changes will be announced and students are responsible for knowing all changes.