# SYLLABUS FOR MATH 115 – FALL 2017
ELEMENTARY ALGEBRA

Instructor: Anne Siswanto   Office: G5–111N
Section: 21946   Math Dept: (323) 265 8886 at G5-111
Time: MTWTh 9:15-10:25 am   Mailbox: G5-111 (Math Dept.)
Room: G5-001   Web site: www.myonlinemath.com/m115

Welcome to Math 115 this fall 2017 semester. I am excited to go on the same journey to learn Elementary Algebra!! I hope we can work together to have the best experience in learning math.

How you can reach me:
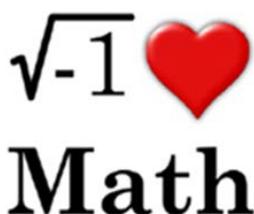
I can be reached via email at siswanas@faculty.laccd.edu or by phone (323) 415-4101. I will return all emails within 36 hours, or communicate with you in person during class. You can also come to my office hours, to ask questions or simply chat, on the following days and times:

M-Th   8:55 – 9:10 am in G5-001 classroom
M-Th   10:30 – 10:45 am in G5-001 classroom
M   12:05 – 1:40, 3:15 – 4:15 pm in G5-111N - office
W   3:15 – 4:15 pm in G5-111N - office

What you will learn in this class:

You will be learning about linear equations and inequalities, and their applications, linear functions and their applications, system of equations and inequalities, and rational equations. You will also learn about polynomials and polynomial equations, especially quadratic equations. You will learn to recognize and express mathematical ideas graphically, numerically, symbolically, and in writing.

Video Lectures:

I have recorded my in-class lectures so that you are not missing out on anything. Here is the list of all lecture videos I have recorded so far. I hope you can view the videos. Be sure to **take notes when viewing the videos**.

http://www.3cmediasolutions.org/f/5c2f499316d95428c73eacefc25380018f95b183

Materials for Success:

Every mathematician needs tools to help them do math. These are the tools you need to be successful in this class. Here are the tools that I think will help you.
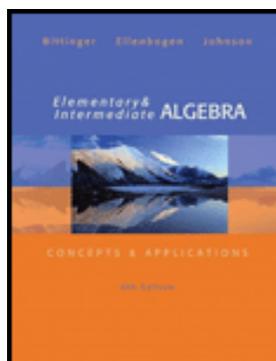
- Bittinger, Ellenbogen, Johnson, *Elementary and Intermediate Algebra: Concepts and Applications*, Sixth Edition, Pearson Custom Publishing, 2014 **(Custom Edition for ELAC) – ISBN: 1323057021/ 9781323057025.** The custom book sold at ELAC bookstore will have a different cover picture. Or you can use this ISBN: **978-0321848741** (Since this edition is outdated, you may be able to get a better deal from amazon.com or half.com)
- A highlighter
- Loose-leaf paper
- A stapler
- A folder specific for this class

- A pencil(s) and an eraser (required for all portfolios and tests)
- A scientific calculator (no graphing calculator or other electronics are allowed during tests).
- A small ruler (needed for graphing later on).
- Fifteen(15) pages of graph paper
- Scantron 882-E for sample tests

Expectation for Classroom Behavior:

Expect to come to class to learn something new every day. Expect me to come to class prepared and ready to help you learn something new every day. Expect that I will not give you every answer; instead, I will help you think about concepts so you can develop your own answers. Expect to work many hours outside of class to learn the material. To develop a positive classroom experience for you and your classmates, here is what you can do to help.

- Please come on-time and stay until the end of class to meet the attendance requirement.
- Please take the responsibility by asking clarification during class.
- Please have at least one work partner who is responsible for answering questions, offering feedback on assignments and providing missed information.

Cell Phones and Other Electronic Devices:

Cell phones are a wonderful way of communicating with friends and family, but they can be a distraction when you are trying to learn new concepts. You may use cell phones during classroom activities, such as Kahoot!, but please make sure your cell phone's ringer is turned off when you are in class. If you receive an important phone call during class, please respect your classmates' learning and quietly step outside to take the call. Please send text message only **before** or **after** class or during the break. I may ask you to put your cell phones on my desk if I see that you are distracted. Please also remove earbuds during class.

Prerequisites:

Satisfactory completion of Math 110 or Math 112 (Pre- Algebra) or acceptable level of skill as demonstrated in the mathematics placement process. Recommended: a grade of B or better in Math 110.

CLO (Course Learning Outcomes):

Students will solve a quadratic equation by method of factoring.
Given a linear equation in standard form, students will:

- Write the equation in slope-intercept form
- Determine the slope
- Determine the y-intercept
- Graph the equation

Students with Disabilities:

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 disability feels that accommodation offered are inappropriate or insufficient, s/he should seek the assistance of the DSP&S Coordinator and/or the Vice President of Student Services**.**

How Grades are Earned:
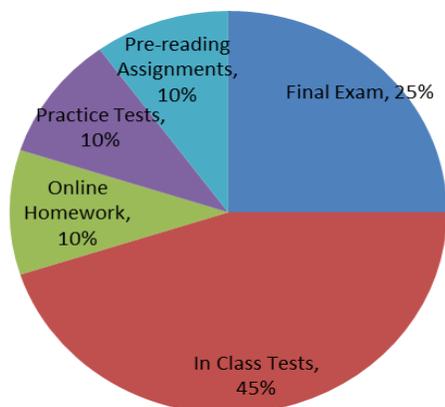
- Final Exam: 25%
- In-Class Tests: 45%
- Online Homework   10%** times 1.1
- In-class Assignments   10%
- <u>Online Practice Test</u>   <u>10%** times 1.2</u>
  Total: 100% + 3% Extra

Letter Grades: A   90 – 100   B   80 – 89.9
                         C   65 – 79.9   D   55 – 64.9   F   below 55

Tests (45%) and Final Exam (25%):

Depending on time, we will have six(6) tests, i.e. Chapters, 1, 1-2, 1-3,8.1-8.3, 1-4, 1-5, and 1-6. Each test is closed book and closed notes. All tests should be written in pencil so that you can erase the mistakes. You can utilize a scratch paper if you need to, but your test paper should not contain any scratch work. Only tests with legible handwriting will be graded.

Please bring to each test:
- A scientific calculator (Note: You can use a scientific calculator during test, but not a graphing calculator or any other electronic devices.)
- Pencil(s) and an eraser

The same rule applies to the final exam. It is cumulative, and is also closed book and closed notes. There are no midterms for this class.

To accommodate unforeseen circumstances, such as illness, I **will drop the lowest test score – except for the final exam,** but I do not give any make- up exam. If you are unable to take the test, please arrange to take the test at an earlier time. The final exam is mandatory and the score will not be dropped.

Practice Tests (10%):

Doing the online practice test is like "Killing two birds with one stone". You will earn 10%, and at the same time have enough practice to do better on the actual test. The practice tests, which are longer than the actual tests, are posted on http://wwwMyOpenMath.com inside Practice Test folder. The practice test is due one day before the test. It consists of multiple choice questions, and you need a few **scantron 882-E**. Optional material: You can also print sample tests from http://www.myonlinemath.com/m115, and work on them.

Online Homework (10%):

The online homework assignments are available on http://wwwMyOpenMath.com. In order to stay on schedule **online homework** will be due daily by 7:59 am on the next day. For example: HW assigned on Monday will be due on Tuesday morning, 7:59 am. Once a homework assignment is due, you can work on it as review, but will not get credit, unless you use a late pass. Note: To help you learn better, **write the steps** while doing online homework and enter the answer. You have 5 late passes. Each late pass is good for homework extension for up to 48 hours.

Pre-reading and In-class Assignments (10%):

You will need to read your textbook before coming to class, and complete the reading assignment for each section, where you will either have to hand in a short paragraph about the reading, or write such a paragraph at the start of class, or have a short quiz on the reading during class. I will collect the assignment either at the end of class, or ask you to turn in the reading assignment for a specific chapter during a test.

On Campus Resources for Mathematics:

- Math Tutoring Center (G5-009)
  Free walk-in math tutoring service is available. You can also use the computers in Math Lab.
  Math Lab is open on Monday – Thursday, 10 a.m.–7 p.m., and Friday–Saturday 10 a.m-4 p.m.
- Learning Assistance Center (E3-280)
  Learning Assistance Center (LAC) provides walk-in and scheduled individual tutoring via appointment.
  Please check the hours and schedule appointment with a tutor on http://elaclac.org

Attendance and Tardiness Policy:

Tardiness of up to 10 minutes will count as 1/3 of an absence. After 15 minutes, it will be counted as 1 absence. Per ELAC's Attendance policy as listed on the Schedule of Classes, a student can be absent a maximum of two (2) meeting days. Afterwards, the student may be excluded from the class. If you decide to withdraw from the class, please follow the official drop procedure to avoid receiving a grade of "F".

Cheating Policy:

Cheating is not tolerated and is subject to ELAC Policy on Academic Honesty as written in the Schedule of Class. Students are not allowed to use graphing calculators, notes, books, or **copy** someone else's tests. If a student is found cheating in a test, will get a zero (0) on the assignment. Subsequent cheating will result in a grade of "F".

How to Login to MyOpenMath:

MyOpenMath is an open-source, self-study online program that students will use to complete the assigned homework and online practice tests. Each MyOpenMath chapter has sections consisting of links to instructional videos and homework exercises. A student account is free and will never expire, thus allowing a student to access MyOpenMath content for future review and for self-study. Here are the steps.

- Open a web browser and go to www.myopenmath.com
- Register as a new student by clicking the link that appears on the right side.
- Enroll in the course titled "Fall 2017 Math 115" by entering the following information

  Course ID: 24933
  Enrollment key: Fall 2017 Math 115

Math 115 Tentative Calendar Fall 2017
Bittinger Elementary and Intermediate Algebra

Item	Date	Sections to Cover
Week 1	August 28	Syllabus 1.1 – 1.4
Week 2	September 4	1.5 – 1.8, Review Ch 1
Week 3	September 11	Test Ch 1, 2.1 – 2.3
Week 4	September 18	2.4 – 2.6, Review Ch 2 (Skip 2.7)
Week 5	September 25	Test Ch 2, 3.1 – 3.3,
Week 6	October 2	3.4 – 3.7
Week 7	October 9	8.1 – 8.3, Review Ch 3 & 8
Week 8	October 16	Test Ch 3 & 8, 4.1 – 4.2
Week 9	October 23	4.3 – 4.7
Week 10	October 30	4.8, 5.1 – 5.2, Review Ch 4
Week 11	November 6	Test Ch 4, 5.1 – 5.3
Week 12	November 13	5.4 – 5.7 (Veteran's Day: Tues, Nov 11)
Week 13	November 20	5.8, 6.1 – 6.2, Review Ch 5, Thanksgiving
Week 14	November 27	Test Ch 5, 6.3 – 6.6
Week 15	December 4	6.7, Review Ch 6,Test Ch 6 + Review
Week 16	December 11	Final on Thursday, Dec 14, 9:30 – 11:30 AM

LDTD without W: Sunday, September 10
LDTD with W: Sunday, November 19

Holidays:
Monday, September 4 - Holiday - College Closed (Labor Day)
Friday, November 10 – Holiday – Veteran's Day
Thursday-Sunday, November 23-26 - Holiday – (Thanksgiving)