

MATH 50
ELEMENTARY ALGEBRA
4 UNITS

YUBA COLLEGE
FALL 2015
SECTION 8762

THIS SYLLABUS WAS UPDATED ON 11-10-2015

Instructor: Ivan Zaigralin

melikamp@melikamp.com

Class Meetings: SF-202, TTh 12:00 pm - 1:50 pm.

Office: SF-202, TTh 11:20 pm - 11:50 pm.

Required Materials: *Beginning & Intermediate Algebra, 5th edition*, by Martin-Gay (online portion not required). The students are responsible for reading every section covered by the course outline at the end of the syllabus.

Prerequisite: MATH 111 or qualifying placement score.

Catalog Description: Introductory algebra. Topics include: signed numbers, graphing, linear equations, quadratic equations, and systems of linear equations in two variables.

Student Learning Outcomes: Upon successful completion of this course, the student will be able to

- (1) Derive the equation of a line.
- (2) Factor a polynomial expression.
- (3) Solve linear inequalities in one variable.
- (4) Graph and analyze linear equations.
- (5) Translate an application problem into a linear equation or system of equations.
- (6) Perform arithmetic operations on polynomial expressions.
- (7) Apply the properties of integer exponents.
- (8) Solve systems of linear equations.

Attendance: To succeed in this course, it is crucial that you come to class every day, alert and prepared to learn. Roll will be taken at the beginning of each class session. If you arrive after the class has started, please enter the room quietly and get on the roster at the end of the class. If you miss more than a half of a class session, you will be considered absent for that day. If you miss two or more classes during the first two weeks without notifying me or the division secretary in advance, you will be dropped from the class. **If you miss 4 or more class sessions any time during the semester, you will be dropped from the class.** Exceptions will be made for documented cases of grave illness and/or family emergency.

Homework: Homework serves as practice and will prepare you to do your best on quizzes and tests. No make-up homework will be collected for any reason, but 2 lowest homework scores will be dropped. Homework will be graded for completeness and the amount of detail. **Homework is crucial for learning statistics as well as for succeeding in this class.** Doing all homework is probably the most effective way to raise your test grades. You are welcome to work in groups while solving the homework, but you must submit your own work.

Quizzes: There will be 4 quizzes given. No make-up quizzes will be given for any reason. The lowest quiz score will be dropped and the rest of the scores together will be worth 10% of the class grade.

Tests: There will be 4 50-minute tests. Each test will be worth 15% of the class grade. Makeup tests will be given in documented cases of grave illness and/or family emergencies.

Final: The common math department final exam will be given on Monday, December 14, from 3:00 pm to 4:50 pm. The location is to be determined. It will be worth 20% of the class grade. **You must attend the final in order to pass the class. If you miss the final, then you will get an F for the class.**

Grading:

Letter Grades		Grade Breakdown	
A	90-100%	Tests	60%
B	80-89%	Homework	5%
C	70-79%	Participation	5%
D	60-69%	Quizzes	10%
F	0-59%	Final	20%

Getting Help: If you have a question or a concern not addressed in this syllabus, please contact your instructor via email. Moreover, the campus provides some resources to help you study:

- (1) Hard Math Cafe Annex in room 702 and the Hard Math Cafe in room 700 provide drop-in tutoring and can be a place to study individually or in groups.
- (2) The College Success Center in the LRC offers drop-in tutoring and sign-up small-group tutoring.
- (3) The MESA program (Math Engineering Science Achievement) in room 701 strives to help underrepresented and/or low-income students foster and develop their skills in science, engineering, and mathematics.

Cell Phones, Computers: Cell phones are prohibited. The use of computers and tablets will be tolerated during regular class meetings as long as they are completely silent and don't distract other students. During quizzes, tests, and the final, only non-graphing calculators will be allowed (but not required).

Accommodations: If you have a learning disability, a physical disability, or other special needs, please let me know as soon as possible if you need special accommodations (such as extra time for tests). I will do my best to accommodate all needs verified through Disabled Students Programs and Services.

Students have the right to request reasonable modifications to college requirements, services, facilities or programs if their documented disability imposes a functional educational limitation or impedes access to such requirements, services, facilities, or programs. A student with a disability who will be requesting modification, accommodation, or access to an auxiliary aid is required and responsible for identifying himself/herself to the instructor and, if desired, to the Disabled Students Programs and Services (DSPS office). In either event, the student is responsible for providing appropriate documentation of his/her disability. Students who consult or request assistance from the DSPS office regarding specific modifications, accommodations or use of auxiliary aid will be required to meet timelines and procedural requirements established by the DSPS office.

Academic Honesty:

All instances of plagiarism and cheating will result in the score of zero for that homework, quiz, or test, and will be reported to the Vice President's Office.

Tentative Outline: Changes will be announced in class.

TUESDAY		THURSDAY	
Aug 18th 1.2, 1.3, 1.4	1	20th Quiz 1 , 1.5, 1.6	2 one more day to add
25th 1.7, 1.8	3	27th Quiz 2 , 2.1, 2.2	4
Sep 1st 2.3, 2.4	5	3rd 2.5, 2.6	6 one more day to drop without "W"
8th 2.7, 2.8	7	10th Review	8
15th Test 1 , 3.1	9	17th 3.2, 3.3	10
22nd 3.4, 3.5	11	24th 3.6, Review	12
29th Quiz 3 , 4.1	13	Oct 1st 4.2, 4.3	14
6th 4.4, 4.5	15	8th Review	16
13th Test 2 , 5.1	17	15th 5.2, 5.3	18
20th 5.4, 5.5	19	22nd 5.6, Review	20
27th Quiz 4 , 6.1, 6.2	21	29th 6.3, 6.5	22
Nov 3rd 6.6	23	5th 6.7	24
10th Review	25	12th Test 3 , 9.1	26 one more day to drop with "W"
17th 9.2	27	19th 9.3	28
24th 9.4	29	26th no classes	
Dec 1st Review	30	3rd Test 4	31
8th Review	32	10th final week	
15th final week		17th final week	