

MATH 108
BEGINNING ALGEBRA
4 UNITS

BUTTE COLLEGE
SPRING 2016
CTRL # 3358

THIS SYLLABUS WAS UPDATED ON MAY 4, 2016

Instructor: Ivan Zaigralin melikamp@melikamp.com

When emailing, please specify which class you are talking about, and make sure I can see your real name.

Office: LRC 262, MWF 10 am - 11 am, TTh 2:00 pm - 3:00 pm.

Class Meetings: TE 116, MTWTh 8:00 am - 8:50 am.

Required Materials: *Beginning Algebra, 6th edition*, by Martin-Gay. On-line portion is not required. An older 5th edition should suffice. The students are responsible for reading every section covered by the course outline at the end of the syllabus.

Catalog Description: This course covers fundamental algebraic concepts and operations. The topics include operations with positive and negative real numbers, solving linear, quadratic, and rational equations, applications of linear equations, operations with polynomials, exponential and rational expressions, factoring, graphing linear equations in two variables, and solving systems of linear equations.

Objectives: Upon successful completion of this course, the student will be able to

- A. Simplify algebraic expressions.
- B. Solve linear, rational, and radical equations, linear inequalities, and some basic quadratic equations.
- C. Add, subtract, multiply, and divide real numbers, polynomials, rational expressions, and radical expressions.
- D. Graph linear equations in two variables and linear inequalities in one variable.
- E. Factor quadratic and some higher order polynomials.
- F. Solve systems of equations in two variables.
- G. Solve a variety of applications by translating sentences into equations.
- H. Simplify expressions involving integer exponents using properties of exponents.

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 department secretary in advance, you will be dropped

from the class. **If you miss 8 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 the material 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 5 quizzes given. No make-up quizzes will be given for any reason. The lowest quiz score will be dropped and the four highest scores together will be worth 10% of the class grade.

Tests: There will be 4 tests. Together they will be worth 60% of the class grade. A makeup test will be given for documented cases of grave illness and/or family emergency.

Final: The final exam will be given on Monday, May 23, 8:00 am - 10:00 am. 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:

http://www.butte.edu/currentstudents/help_on_campus/

Tutoring: The Center for Academic Success (CAS) provides academic support services to Butte College students. It is located inside the Learning Resource Center on main campus and in CHC 230 and 231 at the Chico Center. CAS is open Monday through Thursday, 8:00 a.m. to 5:00, and Friday 8:00 a.m. to 3:00 p.m. on main campus. Hours for CAS at the

Chico Center are Tuesday through Thursday, 9:00 a.m. to 2:00 p.m., and Wednesday evening, 6:00 p.m. to 8:30 p.m. Free services include Tutoring, Computer Labs, Workshops, Group Study Rooms on main campus, and TIP Sheets. Students may take a Critical Skills for College Success half-unit course through CAS. For more information, go to <https://www.butte.edu/cas/>

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 Dean's Office.

Tentative Outline: Changes will be announced in class.

MONDAY		TUESDAY		WEDNESDAY		THURSDAY	
Jan 25th	1	26th	2	27th	3	28th	4
		1.8		Quiz 1 , 1.8, 1.2		1.2	
Feb 1st	5	2nd	6	3rd	7	4th	8
1.3		1.4		1.5, 1.6, 1.7		Quiz 2 , 2.1	
8th	9	9th	10	10th	11	11th	12
2.2, 2.3		2.4		2.5		2.6	
15th		16th	13	17th	14	18th	15
no classes		2.7		2.8		2.9	
22nd	16	23rd	17	24th	18	25th	19
Review		Test 1		3.1, 3.2		3.3	
29th	20	Mar 1st	21	2nd	22	3rd	23
3.4		3.5		Review		Quiz 3 , 3.6	
7th	24	8th	25	9th	26	10th	27
3.6		4.1, 4.2		4.3		4.4	
14th		15th		16th		17th	
spring break		spring break		spring break		spring break	
21st	28	22nd	29	23rd	30	24th	31
Review		5.1		5.2		Test 2	
28th	32	29th	33	30th	34	31st	35
5.3		5.3		5.4		5.5	
Apr 4th	36	5th	37	6th	38	7th	39
5.5		5.6		Quiz 4 , 6.1		6.2, 6.3	
11th	40	12th	41	13th	42	14th	43
6.5		6.6		6.7		Review	
18th	44	19th	45	20th	46	21st	47
Test 3		7.1, 7.2		7.3		7.4	
25th	48	26th	49	27th	50	28th	51
7.5		7.6		7.8		Review	
May 2nd	52	3rd	53	4th	54	5th	55
Quiz 5 , 8.1		8.2		8.3		8.4	
9th	56	10th	57	11th	58	12th	59
8.5		Review		Test 4		no class	
16th	60	17th	61	18th	62	19th	63
9.3		9.3		Review		Review	
23rd		24th		25th		26th	
Final 8:00 - 10:00 am		final week		final week		final week	