

Math 0980-005 Syllabus
Algebra for College Success



INSTRUCTOR: Beth Malloy
E-MAIL: malloy@math.utah.edu
OFFICE HOURS: before or after class
MEETING TIME: T/Th 8:35 am – 10:30 am
LOCATION: FASB 250

EXAM DATES:

Exam 1: Sept. 26th

Exam 2: Nov. 7th

Final: (Monday) Dec 9th 8:00 am – 10:00 am

TEXT: All coursework will be available through Canvas. The textbook, indicated as Explanation and Examples, is available as the student progresses from module to module. During the first week of school, the student will learn how to log into the coursework and work through the curriculum. Video Lessons and Practice, Homework, and Quizzes were created in MyOpenMath – an Open Resource Material. The videos and text were developed mainly by James Sousa of Phoenix Community College. Note: students can download and print the Explanation and Examples for every section.

COURSE DESCRIPTION: This course includes algebra topics such as: linear equations; graphing; systems of linear equations; linear inequalities and absolute value; exponential and logarithmic functions.

COURSE STUDENT LEARNING OUTCOMES:

1. Students will demonstrate competency in:
 - a) solving linear equations; basic power equations; linear inequalities; and systems of linear equations in two variables;
 - b) graphing linear equations; linear inequalities; and systems of linear equations in two variables;
 - c) solving and graphing absolute value equations and inequalities;
 - d) solving and graphing exponential and logarithmic functions;
 - e) solving applications related to the above topics;
2. Students will develop confidence and comfort in dealing with mathematical concepts.
3. Students will develop concise analytical thinking and problem-solving skills that can be applied in their daily lives.
4. Students will demonstrate the ability to incorporate all of the above skills by communicating and presenting a detailed solution to a multi-faceted real life challenge.

PREREQUISITE: It is strongly recommended that students have a current Math ACT score between 14-17, or on the Accuplacer an AR < 120 or EA ≤ 54. If your Math ACT score is below 14, please speak with me immediately!

For the School of Business, College of Social & Behavioral Sciences*, College of Education*, Colleges of Science, Engineering, Mines & Earth Sciences and Architecture + Planning*, students should have a current Math ACT score between 14-17, or on the Accuplacer an EA \leq 53.

For the Colleges of Humanities, Fine Arts, Nursing Health, Social Work, Social & Behavioral Sciences* and Architecture + Planning, students should have a current Math ACT score between 14-18, or on the Accuplacer an EA \leq 59.

*Multiple QA options are available or do not follow this specific pathway. Meet with your academic advisor to verify which courses will work best for you.

ATTENDANCE: Attendance is required by some sponsoring agencies (e.g., VA). There is a very high correlation between attendance and success in any mathematics class. Hence, students **should avoid** missing class.

ONLINE ASSIGNMENTS: The study skills, reality checks, homework, and quizzes will all be completed in Canvas. The homework exercises are the required minimum for you to demonstrate the learning objectives of the course and the mastery of the course concepts. You are encouraged to work more homework exercises than those assigned. Homework questions are designed to reset after the 3rd attempt, so you have an unlimited amount of homework problems. Regular practice is essential in learning mathematics. Most students find the more homework they practice, the better they do on the exams. You should be prepared to spend at least two hours studying outside of the class for each hour you spend in class. Many students find that much more time is required in order to perform as well as they desire on exams.

TESTING: There will be two midterms and a comprehensive final exam taken in class.

GRADING: Grades are weighted by the following percentages:

Reviews (5%),

Homework (10%),

Quizzes (15%),

Midterms (40%),

Reality Checks (5%)

Final exam (25%). A score of 50% or higher must be obtained on the final exam for a student to receive a grade of "C" or better in the course

93–100% = A

83–86% = B

73– 76% = C

63–66% = D

90– 92% = A-

80–82% = B-

70– 72% = C-

60–62% = D-

87- 89% = B+

77–79% = C+

67– 69% = D+

Below 60% = E

INCOMPLETE GRADE: An incomplete grade is given **only** if a student has completed a substantial portion of the course work with a passing grade and is unable to complete the course due to events beyond his/her control. Documentation will be required for any student seeking an incomplete.

SCHEDULE: Aug 19: 1.1-1.4
Aug 26: 1.5-1.7
Sept 2: Labor Day, 1.7-1.8, 2.1-2.1
Sept 9: 2.3-2.4
Sept 16: 2.5-2.6
Sept 23: Midterm 1, 3.1-3.2
Sept. 30: 3.3-3.5
Oct 7: Fall Break
Oct 14: 3.6-3.7
Oct 21: 4.1-4.4
Oct 28: 4.4-4.5
Nov 4: Midterm 2, 5.1-5.2
Nov 11: 5.3-5.6
Nov 18: 5.7, Thanksgiving
Nov 25: 5.8 – 5.9
Dec. 2: 5.10 Review

Final: In accordance with U of U Final's Schedule

CALCULATORS: A scientific calculator is required for the course. Students are allowed (as per instructor's restrictions) to use calculators provided they show clear/precise work on every problem on the midterms and the final exam in order to receive full credit for correct answers. No graphing calculators, cell phones or devices with Internet connectivity may be used on an exam.

TUTORING: Free drop-in tutoring is available in the T Benny Rushing Student Center located in the basement of the Math (JWB) building. Online 'eTutoring' is available by clicking the link in the left menu of Canvas. For one-on-one paid tutoring visit the [ASUU Tutoring Center](#) in Rm. 330 SSB, 801-581-5153.

STUDENT CODE OF CONDUCT:

"All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. Students have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, plagiarism, and/or collusion, as well as fraud, theft, etc. Students should read the Code carefully and know they are responsible for the content." A student who is academically dishonest will receive an E for this course.

CHEATING: Cheating will result in losing all possible points on the assignment or for the course, and a letter discussing the matter may be placed in the student file. Do not cheat, give the appearance of cheating, or help someone else cheat.

CLASSROOM DEPORTMENT: Each student is responsible for his/her own behavior. Any student who shows a pattern of disrespect for others, or who at any time displays egregious disrespect for others, will be subject to penalties as per the student code of conduct.

CELL PHONES: Please **turn off** your cell phone during class time. **DO NOT** accept phone calls while in the classroom. **NO TEXTING!**

ACCOMMODATIONS: “The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations.”

STUDENT NAMES & PERSONAL PRONOUNS: Class rosters are provided to the instructor with the student’s legal name as well as “Preferred first name” (if previously entered by you in the Student Profile section of your CIS account). While CIS refers to this as merely a preference, I will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise me of any name or pronoun changes (and update CIS) so I can help create a learning environment in which you, your name, and your pronoun will be respected. If you need assistance getting your preferred name on your UID card, please visit the LGBT Resource Center Room 409 in the Olpin Union Building, or email bpeacock@sa.utah.edu to schedule a time to drop by. The LGBT Resource Center hours are M-F 8am-5pm, and 8am-6pm on Tuesdays.

ADDRESSING SEXUAL MISCONDUCT: Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran’s status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to the police, contact the Department of Public Safety, 801-585-2677(COPS).

WELLNESS STATEMENT: Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student’s ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness at www.wellness.utah.edu or 801-581-7776.

UNIVERSITY SAFETY STATEMENT: The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit safeu.utah.edu.

NOTE: This syllabus is meant to serve as an outline and guide for our course. Please note that I may modify it with reasonable notice to you. I may also modify the Course Schedule to accommodate the needs of our class. Any changes will be announced in class and posted on Canvas.

