

## Math 0980 Syllabus

**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:** If your Math ACT score is below 14, please get in touch 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.

**ONLINE ASSIGNMENTS:** The study skills, reality checks, homework, and quizzes will all be completed in Canvas. **Watching the Video Tutorials prior to working the homework will result in better understanding of the material!** 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 3<sup>rd</sup> 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. These tests will be taken online through either the University Testing Center (Marriott Library) or the Sandy Campus. Special arrangements can be made to take the exams at other approved Institutions.

**GRADING:** Grades are weighted by the following percentages: Study Skills (5%), Reality Checks (5%), Homework (10%), Quizzes (15%), Midterms (40%), and the comprehensive 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. An average percent will be computed and the final grade will be determined using the following scale:

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.

**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.

**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.”