Math 110, Syllabus

Text: Sullivan, College Algebra, Chapters 3-9 plus MyLabsPlus.
Functions, polynomials, theory of equations, exponential and logarithmic functions, systems of equations, permutations, combinations, binomial theorem.

Class Format (Large Sections Only): All sections meet together in a Lecture Session twice a week. Each section meets separately in a lab session twice a week with the TA. Homework and quizzes will be taken online using MyLabsPlus. Students need to obtain an access code when they purchase the text book. This will allow them to enroll in the class.

Most of the time in the lecture sessions will be spent on the discussion of new material. The primary activities in the Lab Session will be quizzes and homework.

Each lab will begin with a one question quiz. After you enroll, you will be able to view the name of the quiz online. The name of the quiz corresponds to a homework problem in your book. You will need to prepare for the quiz before attending your lab session. Your TA will give you a code so that you can access the quiz. The problem will be slightly different from the problem in the book and slightly different from the problems of other students in your lab. If you do not get the correct answer on the quiz, you may retake it during the lab. After completing the quiz, you should start on your homework. With rare exceptions, quizzes may not be taken outside of the computer lab.

Homework: You can find your homework by connecting to MyLabsPlus and looking under homework. Usually, homework sets are due one week after the material was covered in class. You can check your answers. If you do not get the correct answer on a problem, you may redo it. Beginning with assignment 3, you should write up your homework and keep it in a workbook. After tests 2, 3 and 4, you may show this homework to your TA (large section) or Instructor (small section) for a bonus of up to 4 percentage points on the test score. The workbook will help you to prepare for the tests.

Getting Help: The BYU Math Lab is a great source of help. If you cannot come in, they can help you via phone (801-422-4695) or email (labhelp@mathematics.byu.edu). If you want you can email them a picture of your work and then call them to discuss it.

Attendance: Attendance in the large lecture is expected of all students enrolled in the class. Although the class is large, students should feel free to participate and ask questions. The learning environment is improved when students are attentive. Students should be respectful of other students and the instructor by actively seeking to understand the material.

Exams: There will be 4 midterm exams and a Final Exam. Test 1 covers 3.5,4.3. Test 2 covers 5.1-5.6. Test 3 covers 6.1-6.8,7.2. Test 4 covers 7.3-4, 8.1,5.6, 9.1-4, 10.1. The Final Exam is comprehensive. ALL EXAMS WILL BE GIVEN IN THE TESTING CENTER.

Grading:
Large Sections: Homework is 15% of your final grade. The first midterm exam is 5%. The other three midterms are 15% each. The final exam is 25%. Quizzes are 10%.
Other Sections: Your instructor has some leeway. The quizzes might, or might not, contribute to your grade in the course. The weight placed on HW and on the exams will not be lower than it is for large sections, but it might be higher. Other factors might influence your grade. Communicate with your instructor.

Letter Grades: Your scores for homework, quizzes, tests, etc. will be added and averaged. Typically, letter grades are assigned approximately according to the scale below. Appropriate adjustments are made frequently, usually in the positive direction.

- A: 93-100%  A-: 90-92%
- B+: 87-89%  B: 83-86%  B-: 80-82%  C+: 74-79%
- C: 66-73%  C-: 60-65%  D+: 57-59%  D: 53-57%  D-: 50-52%

Technology: The focus in this course is on mathematics, not arithmetic. However, some level of ability in arithmetic is necessary, both in this class and in life. You may use calculators on homework, but not on any of the tests. The course web site describes the level of expertise in arithmetic that is expected of Math 110 students. If you are not able to do arithmetic at that level, you will have trouble with the exams.

You will occasionally need a calculator for your homework, but not often. You can supply your own, find one on your computer, or check one out from the math lab. Technology is not always helpful. You must decide whether it will help with any particular problem.

Below are some statements included at the suggestion of the University to inform you of expectations and of your legal rights and responsibilities relative to this class.

Learning Outcomes: See https://math.byu.edu/wiki/index.php/Math_110:_College_Algebra

Honor Code Standards
In keeping with the principles of the BYU Honor Code, students are expected to be honest in all of their academic work. Academic honesty means, most fundamentally, that any work you present as your own must in fact be your own work and not that of another. Violations of this principle may result in a failing grade in the course and additional disciplinary action by the university.

Students are also expected to adhere to the Dress and Grooming Standards. Adherence demonstrates respect for yourself and others and ensures an effective learning and working environment. It is the university’s expectation, and my own expectation in class, that each student will abide by all Honor Code standards. Please call the Honor Code Office at 422-2847 if you have questions about those standards.

Preventing Sexual Discrimination or Harassment
Sexual discrimination or harassment (including student-to-student harassment) is prohibited both by the law and by Brigham Young University policy. If you feel you are being subjected to sexual discrimination or harassment, please bring your concerns to the professor. Alternatively, you may lodge a complaint with the Equal Employment Office (D-240C ASB) or with the Honor Code Office (4440).

Students with Disabilities
If you have a disability that may affect your performance in this course, you should get in touch with the office of Services for Students with Disabilities (1520 WSC). This office can evaluate your disability and assist the professor in arranging for reasonable accommodations.