Math 110, Syllabus

Text: Sullivan, College Algebra, Chapters 3-9 plus MyLabsPlus software

Functions, polynomials, theory of equations, exponential and logarithmic functions, systems of equations, permutations, combinations, binomial theorem. Learning outcomes.

Class Format (Large Sections Only): All sections meet together in a Lecture Session twice each week; each section meets separately in a lab session twice each week at the time and place with the TA listed. Homework and quizzes will be taken online using MyMathLab. 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 Session will be spent on the discussion of new material. The primary activities of 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 even slightly different from the problems of other students in your lab. Quizzes count for 10% of your grade. If you do not get the correct answer on the quiz, you may retake it during the computer lab. After completing the quiz, you should start on your homework. Homework is due one week after it has been discussed in large lecture. With rare exceptions, quizzes may not be taken outside of the computer lab.

Homework: You can find your homework by connecting to MyMathLab and looking under homework. The homework problems in each homework set are due one week after the section has been covered in class. You can check your answers. If you do not get the correct answer on a problem, you may redo it. Homework will count for 15% of your grade. 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 for a bonus of up to 4 points on the test score.

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.

Midterm Exams. There will be 4 midterm exams. The first exam will count 5%. The other three exams will count 15% each. The exams will be given in the Testing Center.

Test 1 covers 3.5 and 4.1
Test 2 covers 4.2-4.7
Test 3 covers 5.1-5.8, 6.2
Test 4 covers 6.3-6.4, 7.1, 7.5, 7.6, 8.1-8.4, 9.1
The final exam will be comprehensive.
ALL EXAMS WILL BE GIVEN IN THE TESTING CENTER

Departmental Final Exam: A departmental final examination will be given in the testing center during the final exam week. The final exam will constitute 25% of your grade.

Grading: Your scores for homework, quizzes, tests, and final exam will be added and averaged, and letter grades will be assigned approximately as follows:

- A: 93-100%
- A-: 90-92%
- B+: 87-89%
- B: 84-87%
- B-: 80-83%
- C+: 74-79%
- C: 67-73%
- C-: 60-66%
- D+: 57-59%
- D: 54-57%
- D-: 50-53%

Technology: In this course you will occasionally need a calculator. You can supply your own, find one on your computer, or check out a calculator from the math lab. You may use calculators on homework but not on tests. While many problems can be solved with the aid of technology, and some cannot be solved without it, technology is not always helpful; whether it will help with any particular problem, you must determine.

Here 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.

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 Harassment
Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds. The act is intended to eliminate sex discrimination in education and pertains to admissions, academic and athletic programs, and university-sponsored activities. Title IX also prohibits sexual harassment of students by university employees, other students, and visitors to campus. If you encounter sexual harassment or gender-based discrimination, please talk to your professor; contact the Equal Employment Office at 801-422-5895 or 1-888-238-1062 (24-hours), or http://www.ethicspoint.com; or contact the Honor Code Office at 801-422-2847.

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.