Math 100C
Syllabus
Spring, 1993

Instructor: Mrs. Susan Riner
Office: 116C Seney
784-8316

Text: Algebra and Trigonometry by Keedy/Bittinger, 5th edition

Purpose:

This course is designed for students who need to strengthen their mathematical backgrounds before entering regular college mathematics courses. Math 100C will provide each student with an opportunity to increase his proficiency in and understanding of the basic concepts of Algebra, sequences and series, combinatorics, and probability. You may not drop Math 100C after January 18.

Assessment Procedures:

Each student will attend three hours of lecture and one two-hour session (lab) per week. During the lab time, quizzes and tests will be administered. At the end of the semester, each student will take a cumulative final exam. Grades will be assigned according to the following point distribution.

Quizzes	200 points	A:	720-800 points
4 Tests	400 points	B:	640-719
Final Exam	200 points	C:	560-639
Total	800 points	F:	Below 560

A grade of C or better is needed to continue into another math course.

Attendance: Students are expected to attend all classes and are responsible for all material covered in class, as well as, any changes made in the attached schedule regarding homework, quizzes, and test dates. Roll will be taken, however, class attendance and consistent preparation for class will determine the success or failure the student realizes in this course.

Honor Code: The Honor Code of Oxford College applies to all work submitted for credit. Work is to be yours and yours alone.

Test Schedule: Tests and quizzes will be given on Thursday afternoons at 2:00 in Seney Hall. You are expected to take them only at the scheduled times. Legitimate emergencies will be handled on an individual basis.

Topics:

Wed., Jan. 13	1.1, 1.2 - Real Numbers, Exponents
Fri., Jan. 15	1.3, 1.4 - Operations
Wed., Jan. 20	1.5 - Factoring
Thurs., Jan. 21	Quiz 1
Fri., Jan. 22	1.5 (cont.)
Mon., Jan. 25	1.6 - Rational Expressions
Wed., Jan. 27	1.6 (cont.)
Thurs., Jan. 28	Quiz 2
Fri., Jan. 29	1.7 - Radical Notation
Mon., Feb. 1	1.8 - Rational Exponents
Wed., Feb. 3	Review
Thurs., Feb. 4	Test 1
Fri., Feb. 5	2.1 - Equations and Inequalities
Mon., Feb. 8	2.2 - Fractional Equations
Wed., Feb. 10	2.5 - Quadratic Equations
Thurs., Feb. 11	Quiz 3
Fri., Feb. 12	3.1, 3.2 - Relations, Functions
Mon., Feb. 15	3.3 - Functions
Wed., Feb. 17	3.3 (cont.)
Thurs., Feb. 18	Quiz 4
Fri., Feb. 19	4.1 - Lines
Mon., Feb. 22	4.2 - Parallel/Perpendicular
Wed., Feb. 24	Review
Thurs., Feb. 25	Test 2
Fri., Feb. 26	4.3 - Quadratic Functions
Mon., Mar. 1	4.3 (cont.)
Wed., Mar. 3	4.5 - Sets and Inequalities
Thurs., Mar. 4	Quiz 5
Fri., Mar. 5	Venn Diagrams (class notes)
Mon., Mar. 15	4.6 - Absolute Value
Wed., Mar. 17	4.6 (cont.)
Thurs., Mar. 18	Quiz 6
Fri., Mar. 19	4.4 - Mathematical Models
Mon., Mar. 22	4.4 (cont.)
Wed., Mar. 24	Review
Thurs., Mar. 25	Test 3
Fri., Mar. 26	12.1 - Sequences and Series
Mon., Mar. 29	12.1 (cont.)
Wed., Mar. 31	12.2 - Arithmetic Sequences
Thurs., Apr. 1	Quiz 7
Fri., Apr. 2	12.2 (cont.)
Mon., Apr. 5	12.5 - Tree Diagrams/Fundamental Counting
Wed., Apr. 7	12.5 - Permutations
Thurs., Apr. 8	Quiz 8
Fri., Apr. 9	No class
Mon., Apr. 12	12.6 - Combinations

Wed., Apr. 14	Review
Thurs., Apr. 15	Test 4
Fri., Apr. 16	12.8 - Probability
Mon., Apr. 19	12.8 (cont.)
Wed., Apr. 21	12.8 (cont.)
Fri., Apr. 23	Exam Review
Mon., Apr. 26	Exam Review