Math 100C
Syllabus
Spring, 1997

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

Text: Algebra and Trigonometry by Keedy/Bittinger, 6th edition

Purpose: This course is designed to prepare students to take Math 107 or CS 150. After successful completion of Math 100C, a student may take Math 101 if the student needs calculus. Math 100C will provide each student with an opportunity to increase his or her proficiency in and understanding of the basic concepts of Algebra, sequences and series, sets, matrices, combinatorics, and probability. You may not drop Math 100C after January 21st.

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 topics, homework, quizzes, and test dates. Roll will be taken. Attendance and consistent preparation for class will determine the success or failure the student realizes in this course. Tutoring is available for Math 100 students.

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

A STUDENT MUST MAKE 70 OR ABOVE ON THE FINAL EXAM IN ORDER TO PASS MATH 100C.

Points will be distributed as follows:

4 Tests	- 100 points each
4 Labs	- 25 points each
Quizzes	- 100 points total
Final Exam	- 200 points total
Total	- 800 points

Assessment Procedures: Tests will be given on Tuesdays during the lab. Quizzes will be given during class time. Labs not used for tests will be used for graded group assignments. Each test should be passed with 60 points or more with provisions made for one re-test per section. However, 70 will be the highest grade given on a re-test.

Grades will be assigned as follows:

A (90-100): 720-800 points
B+ (88-89): 704-719 points
B (80-87): 640-703 points
C+ (78-79): 624-639 points
C (70-77): 560-623 points
F: Below 560 points

Math 100 - Topics

Wed., Jan. 15	3.1 - Graphs, Equations
Fri., Jan. 17	3.2 - Distance Formula, Circles
Mon., Jan. 20	Martin Luther King Holiday
Wed., Jan. 22	3.3 - Functions
Fri., Jan. 24	3.4 - Lines, Linear Functions
Mon., Jan. 27	3.6 - Symmetry
Tues., Jan. 28	Lab I
Wed., Jan. 29	3.7 - Combinations of Functions
Fri., Jan. 31	3.8 - Transformations
Mon., Feb. 3	Review
Tues., Feb. 4	**Test I**
Wed., Feb. 5	4.1 - Quadratic Functions
Fri., Feb. 7	4.1 - Cont.
Mon., Feb. 10	4.2 - Sets, Inequalities
Wed., Feb. 12	4.3 - Absolute Value
Fri., Feb. 14	4.4 - Polynomial and Rational Inequalities
Mon., Feb. 17	4.4 - Cont.
Tues., Feb. 18	Lab II
Wed., Feb. 19	9.1 - Systems of Equations in 2 Variables
Fri., Feb. 21	9.1 - Word Problems
Mon., Feb. 24	Review
Tues., Feb. 25	**Test II**
Wed., Feb. 26	9.2 - Systems in 3 Variables
Fri., Feb. 28	9.2 - Word Problems
Mon., Mar. 3	9.3 - Special Cases
Wed., Mar. 5	9.4 - Matrices
Fri., Mar. 7	9.4 - Cont.
Mon-Fri, March 10-14	- Spring Break
Mon., Fri, Mar. 17	9.6 - Inverses of Matrices
Tues., Mar. 18	Lab III
Wed., Mar. 19	9.7 - Linear Programming
Fri., Mar. 21	9.7 - Cont.
Mon., Mar. 24	Review
Tues., Mar. 25	**Test III**
Wed., Mar. 26	11.1 - Sequences and Series
Fri., Mar. 28	No Class
Mon., Mar. 31	11.2 - Arithmetic Sequences
Wed., Apr. 2	11.3 - Geometric Sequences
Fri., Apr. 4	11.3 - Cont.
Mon., Apr. 7	11.5 - Combinatorics, Permutations
Wed., Apr. 9	11.6 - Combinations
Fri., Apr. 11	11.7 - Binomial Theorem
Mon., Apr. 14	11.7 - Cont.
Tues., Apr. 15	Lab IV
Wed., Apr. 16	11.8 Probability
Fri., Apr. 18	11.8 - Cont.
Mon., Apr. 21	Review
Tues., Apr. 22	**Test IV**
Wed., Apr. 23	Exam Review
Fri., Apr. 25	Exam Review
Mon., Apr. 28	Last Class Day