Math 100C
Syllabus
Fall, 1998

Senior Lecturer: Mrs. Susan Riner
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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 September 2nd.

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. 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 Thursdays 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. If any student needs extra time on a test or quiz due to a documented learning disability the student must make arrangements to do this **prior** to the test or quiz.

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., Aug. 26	3.1 - Graphs, Equations
Fri., Aug. 28	3.2 - Distance Formula, Circles
Mon., Aug. 31	3.3 - Functions
Wed., Sept. 2	3.4 - Lines, Linear Functions
Fri., Sept. 4	3.6 - Symmetry
Mon., Sept. 7	Labor Day Holiday
Wed., Sept. 9	3.7 - Combinations of Functions
Thurs., Sept. 10	Lab I
Fri., Sept. 11	3.8 - Transformations
Mon., Sept. 14	3.8 - Cont.
Wed., Sept. 16	Review
Thurs., Sept. 17	**Test I**
Fri., Sept. 18	4.1 - Quadratic Functions
Mon., Sept. 21	4.1 - Cont.
Wed., Sept. 23	4.2 - Sets, Inequalities
Fri., Sept. 25	4.3 - Absolute Value
Mon., Sept. 28	4.4 - Polynomial and Rational Inequalities
Wed., Sept. 30	4.4 - Cont.
Thurs., Oct. 1	Lab II
Fri., Oct. 2	9.1 - Systems of Equations in 2 Variables
Mon., Oct. 5	9.1 - Word Problems
Wed., Oct. 7	Review
Thurs., Oct 8	**Test II**
Fri., Oct. 9	9.2 - Systems in 3 Variables
Mon., Oct. 12	Fall Break
Wed., Oct. 14	9.2 - Word Problems
Fri., Oct. 16	9.3 - Special Cases
Mon., Oct. 19	9.3 - Cont.
Wed., Oct. 21	9.4 - Matrices
Fri., Oct. 23	9.4 - Matrices/Equations
Mon., Oct. 26	9.6 - Inverses
Wed., Oct. 28	9.7 - Linear Programming
Thurs., Oct. 29	Lab III
Fri., Oct. 30	9.7 - Cont.
Mon., Nov. 2	11.1 - Sequences and Series
Wed., Nov. 4	Review
Thurs., Nov. 5	**Test III**
Fri., Nov. 6	11.2 - Arithmetic Sequences
Mon., Nov. 9	11.3 - Geometric Sequences
Wed., Nov. 11	11.3 - Cont.
Fri., Nov. 13	11.5 - Combinatorics
Mon., Nov. 16	11.5 - Permutations
Wed., Nov. 18	11.6 - Combinations
Thurs., Nov. 19	Lab IV
Fri., Nov. 20	11.7 - Binomial Theorem
Mon., Nov. 23	11.7 - Cont.
Wed.-Fri., Nov. 25-27	Thanksgiving Break
Mon., Nov. 30	11.8 Probability
Wed., Dec. 2	Review
Thurs., Dec. 3	**Test IV**
Fri., Dec. 4	Exam Review
Mon., Dec. 7	Exam Review