Math 100C
Syllabus
Fall, 2000

Senior Lecturer: Dr. Karen Rogers
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Text: Algebra and Trigonometry by Keedy/Bittinger, 6th edition

Purpose: This course is designed to prepare students for Math 107 or Math 101. If a student makes an A or B in Math 100C, that student may take Math 101 if calculus is needed. It is highly recommended that students who make below a B in Math 100C not attempt Math 101. 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, combinatorics, and probability. You may not drop Math 100C after September 6th.

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 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. 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. There is no provision for making up tests. If a student misses a test with a valid excuse, that student may take the re-test. The lowest quiz grade will be dropped. Therefore, there is no provision for making up a 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. 30	Pretest
Fri., Sept. 1	1.2 - Exponential Notation
Mon., Sept. 4	Labor Day Holiday
Wed., Sept 6	1.3, 1.4 - Algebraic Operations
Fri., Sept 8	1.5 - Factoring
Mon., Sept 11	1.6 - Rational Expressions
Tue., Sept 12	Lab I
Wed. Sept. 13	1.7 - Radical Notation
Fri., Sept. 15	1.8 - Rational Exponents
Mon., Sept 18	Review
Tues., Sept. 19	**Test I**
Wed., Sept. 20	2.1 - Solving Equations
Fri., Sept. 22	2.2 - Rational Equations
Mon. Sept. 25	2.5 - Quadratic Equations
Wed., Sept. 27	2.7 - Radical Equations
Fri., Sept. 29	2.8 - Equations Reducible to Quadratic
Mon., Oct. 2	3.1 - Graphs, Equations
Tues., Oct. 3	Lab II
Wed., Oct. 4	3.2 - Distance, Circles
Fri., Oct. 6	3.3 - Functions
Mon., Oct. 9	Review
Tues., Oct. 10	**Test II**
Wed., Oct.11	3.4 - Lines
Fri., Oct. 13	3.6 - Symmetry
Mon,Tu, Oct. 16,17	Midsemester Break
Wed. Oct. 18	3.7 - Combinations of Functions
Fri., Oct. 20	3.8 - Transformations
Mon., Oct. 23	4.1 - Quadratic Functions
Wed., Oct. 25	4.2 - Sets, Inequalities
Fri., Oct. 27	4.3 - Absolute value
Mon., Oct. 30	4.4 - Polynomial and Rational Inequalities
Tues., Oct. 31	Lab III
Wed., Nov. 1	9.1 - Systems of Equations
Fri., Nov. 3	9.2 - Systems of Equations
Mon., Nov. 6	Review
Tues., Nov.7	**Test III**
Wed., Nov. 8	11.1 - Sequences and Series
Fri., Nov. 10	11.2 - Arithmetic Sequences
Mon., Nov. 13	11.3 - Geometric Sequences
Wed., Nov. 15	11.5 - Combinatorics
Fri., Nov. 17	11.5 - Permutations
Mon., Nov. 20	11.6 - Combinations
Wed.-Fri., Nov. 22-24	Thanksgiving Break
Mon., Nov. 27	11.7 - Binomial Theorem
Tues., Nov. 28	Lab IV
Wed., Nov. 29	11.7 - (continued)
Fri., Dec. 1	11.8 - Probability
Mon., Dec. 4	Review
Tues., Dec. 5	**Test IV**
Dec., 6,8,11	Exam Review