

Math 100C
Syllabus
Fall, 1992

Instructor: Mrs. Jan Smith
Office: 115C Seney
784-8419

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 the basic concepts of probability.

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 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	<u>200 points</u>	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. 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. Your work on tests and quizzes is to represent your work and yours alone.

Tests will be given on Thursday afternoons at 2:00 in Seney Hall. You are expected to take exams at scheduled times only. Legitimate emergencies will be handled on an individual basis. You may not drop Math 100C after August 28.

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Topics:

Mon., Aug. 24	1.1, 1.2 - Real Numbers, Exponents
Wed., Aug. 26	1.3, 1.4 - Operations
Fri., Aug. 28	1.5 - Factoring
Mon., Aug. 31	1.5 (cont.)
Wed., Sept. 2	1.6 - Rational Expressions
Thurs., Sept. 3	Quiz 1
Fri., Sept. 4	1.6 (cont.)
Wed., Sept. 9	1.7 - Radical Notation
Thurs., Sept. 10	Quiz 2
Fri., Sept. 11	1.7 (cont.)
Mon., Sept. 14	1.8 - Rational Exponents
Wed., Sept. 16	Review
Thurs., Sept. 17	Test 1
Fri., Sept. 18	2.1 - Equations and Inequalities
Mon., Sept. 21	2.2 - Fractional Equations
Wed., Sept. 23	2.5 - Quadratic Equations
Thurs., Sept. 24	Quiz 3
Fri., Sept. 25	3.1, 3.2 - Relations, Functions
Mon., Sept. 28	3.3 - Functions
Wed., Sept. 30	3.3 (cont.)
Thurs., Oct. 1	Quiz 4
Fri., Oct. 2	4.1 - Lines
Mon., Oct. 5	4.2 - Parallel/Perpendicular
Wed., Oct. 7	Review
Thurs., Oct. 8	Test 2
Fri., Oct. 9	4.3 - Quadratic Functions
Wed., Oct. 14	4.3 (cont.)
Thurs., Oct. 15	Quiz 5
Fri., Oct. 16	4.5 - Sets and Inequalities
Mon., Oct. 19	Venn Diagrams (class notes)
Wed., Oct. 21	4.6 - Absolute Value
Thurs., Oct. 22	Quiz 6
Fri., Oct. 23	4.6 (cont.)
Mon., Oct. 26	4.4 - Mathematical Models
Wed., Oct. 28	Review
Thurs., Oct. 29	Test 3
Fri., Oct. 30	12.1 - Sequences and Series
Mon., Nov. 2	12.1 (cont.)
Wed., Nov. 4	12.2 - Arithmetic Sequences
Thurs., Nov. 5	Quiz 7
Fri., Nov. 6	12.2 (cont.)
Mon., Nov. 9	12.5 - Tree Diagrams/Fundamental Counting
Wed., Nov. 11	12.5 - Permutations
Thurs., Nov. 12	Quiz 8
Fri., Nov. 13	12.6 - Combinations
Mon., Nov. 16	12.6 (cont.)

Wed., Nov. 18	Review
Thurs., Nov. 19	Test 4
Fri., Nov. 20	12.8 - Probability
Mon., Nov. 23	12.8 (cont.)
Mon., Nov. 30	12.8 (cont.)
Wed., Dec. 2	Exam Review
Fri., Dec. 4	Exam Review