

Syllabus

Instructor: William Scott
Office: EC 3.306 Phone: (972) 883-6034
Email: *wms016100@utdallas.edu*
Office hours: MW 11:00-12:00, TR 4:00 - 5:00 pm
or by appointment

This is a special section of college algebra for students NOT continuing on to precalculus or calculus courses. It is acceptable for students continuing on to Stat 1342.

Text: Thinking Mathematically, 3rd Edition, Robert Blitzer
Student Solutions Manual is strongly recommended.

Topics: Problem solving and critical thinking
Set theory
Logic
Number theory and the real number system
Equations, inequalities, and their applications
Functions, graphs and their applications
Consumer mathematics

Examinations: There will be two midterm examinations and a comprehensive final.

First Midterm	Sept. 20
Second Midterm	Oct. 25
Final	Dec. 1 (5:00 pm)

Grading:	Midterms	60%
	Homework	10%
	Final	30%

No make-ups will be given for missed examinations except in the most extraordinary circumstances.

MATH 1306.501 Fall 2005

To succeed in this course one has to do a large number of problems. The answers to these problems are in the book and solutions are in the Solution Manual.

- Sec. 1.1: # 1, 3, 5, 7, 9, 11, 15, 19, 25, 37;
Sec. 1.2: # 1, 5, 9, 17, 21, 27, 29, 31, 33, 37, 41, 45, 49;
Sec. 1.3: # 1, 3, 5, 7, 9, 15, 19, 21, 25, 29, 31, 33;
Sec. 2.1: # 1, 5, 7, 9, 11, 15, 17, 19, 31, 33, 37, 39, 41, 59, 65, 67, 71, 73, 75, 77, 83;
Sec. 2.2: # 1, 5, 11, 13, 15, 17, 19, 23, 25, 29, 35, 37, 41, 43, 47, 51, 57, 61, 63, 69, 73, 87;
Sec. 2.3: # 1, 3, 5, 9, 17, 19, 21, 23, 25, 27, 57, 59, 61, 63;
Sec. 2.4: # 25, 27, 29, 31, 33, 35, 39, 65, 69;
Sec. 2.5: # 1, 3, 5, 7, 11, 13, 19, 23, 25;
Sec. 3.1: # 1, 3, 5, 7, 11, 13, 15, 17, 19, 21, 27, 29, 31, 33, 35;
Sec. 3.2: # all odds 1-31;
Sec. 3.3: # 3, 11, 13, 17, 19, 33, 35, 37, 39, 43, 47;
Sec. 3.4: # 9, 11;
Sec. 3.5: # 7, 9, 19, 21, 23, 43, 45, 57, 59, 61;
Sec. 3.6: # -----
Sec. 3.7: # 3, 5, 7, 9, 11, 13, 15, 17, 21, 25;
Sec. 5.1: # 25, 27, 31, 47, 49, 59, 61, 71, 75;
Sec. 5.2: # 3, 7, 9, 11, 13, 15, 21, 25, 27, 29, 33, 35, 39, 41, 43, 45, 51, 55, 59, 67, 71, 73, 83, 87, 89, 91, 95, 101, 103, 105, 107;
Sec. 5.3: # 1, 3, 7, 13, 15, 19, 25, 31, 33, 39, 45, 51, 59, 61, 65, 75, 77, 81, 87, 91, 101, 111, 113;
Sec. 5.4: # -----
Sec. 5.5: # 13, 15, 17, 19;
Sec. 6.1: # 1, 3, 5, 7, 15, 31, 33, 35, 39, 43, 47, 49, 51, 53, 55, 61, 63, 67, 75, 77, 79;
Sec. 6.2: # 3, 5, 9, 15, 21, 29, 33, 39, 43, 81, 87;
Sec. 6.3: # 1, 3, 5, 13, 15, 19, 23, 35, 37, 39, 43, 45, 47, 49, 55;
Sec. 6.4: # 1, 7, 9, 11, 17, 19, 25, 29;
Sec. 6.5: # 3, 5, 9, 13, 25, 35, 41, 47, 55, 59, 61, 65, 67, 75;
Sec. 7.1: # 1, 3, 5, 9, 11, 23, 25, 31, 33, 43, 57, 59, 69, 71;
Sec. 7.2: # 1, 5, 7, 21, 23, 27, 43, 45;
Sec. 8.1: # 1, 5, 7, 11, 13, 17, 19, 21, 25, 27, 29, 35, 37, 39, 41, 43, 49, 51, 53, 57, 59, 61, 65;
Sec. 8.2: # 1, 3, 7, 11, 13, 15, 21, 31;