

## Syllabus

### College Algebra

Math 1314.003

Fall 2005

MWF 12:00 – 12:50 p.m. GR 3.302

**Instructor:** Dr. G. Kramer  
**Office:** EC 2.512  
**Office Hours:** MWF 11:00 – 11:50 a.m., and by appointment  
**E-Mail:** [gkramer@utdallas.edu](mailto:gkramer@utdallas.edu)  
**Text Book:** L. Hirsch and A. Goodman. Understanding Intermediate Algebra, 5<sup>th</sup> edition. (Student Solutions Manual is recommended)

This course is designed to provide students with the algebraic skills needed for basic Math disciplines such as Math 1325, Math 2312, Math 2417, Math 2333, and Stat 1342

**Ground Rules:** Be punctual. Turn off electronic communication devices. Student participation in class is desired, however, please raise your hand to speak and avoid having side conversations with your classmates. Exams are closed book, without notes, and without calculators (unless otherwise instructed). Cheating, in any form constitutes an infraction of the academic integrity code and will be dealt with according to university disciplinary code.

**Calculators:** A scientific calculator is recommended. Graphing calculators, programmable calculators, or calculators with non-numeric displays are **not allowed** on exams.

**Assignments:** There are 10 homework assignments to be collected and graded. Whenever you solve the assignment problem show your work with all necessary steps and explanations. As part of this syllabus students are given a list of odd-numbered problems that are required to do. These problems will not be collected since their solutions are available in the Students Solutions Manual.

**Exams:** There will be three major exams and a comprehensive final exam. No make-ups, except in extraordinary circumstances.

**Grades:** Course grade is based on the following:

<u>Two best of three major exams:</u>	--	60%
<u>Homework Assignments scaled to 100%</u>	--	10%
<u>Final Exam: Dec. 1, Wednesday, at 11:00 a.m. –</u>		30%

The midterm grade is based on the first exam and homework assignments 1 – 5.

<b><u>Grade Scale:</u></b>	[97-100).....A+	[93-96).....A	[90-93).....A-
	[87-90).....B+	[83-87).....B	[80-83).....B-
	[77-80).....C+	[73-77).....C	[70-73).....C-
	[67-70).....D+	[63-67).....D	[60-63).....D-
	[0, 60) .....F		

In order to succeed in this course, one must work a large number of problems.

Here is a list of selected odd-numbered exercises which everyone is expected to do. Many students might find it necessary to have more practice; they should choose similar problems from each section, review exercises or practice tests.

Sec 1.1	# 1,7,9,17,21,25,29,31,41,45,47,49
Sec 1.2	# 9,11,13,15,17,19,31,33,43,53,63,65,67,75,77,79,91,93
Sec 1.3	# 13,15,25,29,35,41,45,53,59,67
Sec 1.4	# 23,25,27,29
Sec 1.5	# 11,15,19,27,33,37,45,49,53,55,57,59,65,67
Sec 2.1	# 1, 3,5,13,15
Sec 2.2	# 31,35,39,51,55,57,61,65,69,83
Sec 2.3	# 17,33,39,45,49,53,59,67,71,73,75,77,81
Sec 2.4	# 1,3,5,21,29,33,37,39,45,47,53
Sec 3.1	# 3,5,13,19,21,23,37,39,45,51,53,55,57
Sec 3.2	# 3,5,7,11,13,21
Sec 3.3	# 3,9,15,17,23,25,27,45,47,49,53,55,57,59,61,73,75,81,89
Sec 3.4	# 7,9,13,15,19,23,25,27,29,33,41,43
Sec 3.5	# 1,7
Sec 4.1	# 7,13,21,23,25,27,33,41,45,49,55
Sec 4.2	# 9,13,17,21,23,29,31,33,37,41,49,57,59,67
Sec 4.3	# 3,7,11,23,29,39,43,49,57,59,67
Sec 4.4	# 9,21,23,39,41
Sec 5.1	# 1,7,9,11
Sec 5.2	# 7,13,17,23,27,31,35,37,43,47,49,61,67,69,71
Sec 5.3	# 9,17,21,25,35,43,47,63,65,71,73,85
Sec 5.4	# 5,7,11,19,23,25,35,37,41,51,53
Sec 5.5	# 3,7,17,35,55,65,73,89,97
Sec 5.6	# 1,7,9,19,27,29
Sec 5.7	# 1,3,7,11,19

Sec 6.1	# 9,11,13
Sec 6.2	# 1,5,9,13,19,25,41
Sec 6.3	# 1,3,5,9,11,15,23,31,41,43
Sec 6.4	# 9,11,15,19,21,25,29,33,39,43, 45,69,71
Sec 6.5	# 1,5,7,19,35
Sec 6.6	# 1,3,11,15,19,21,23,31,47,53
Sec 6.7	# 1,3,9,15,21,25,29,31,37
Sec 6.8	# 5,7,15,21,23,27,29,55,65
Sec 7.1	# 3,13,17,19,25,35,39,43,51,53,59,61,63,69,73,75,79,81,85,89,93,95 99,101
Sec 7.2	# 7,13,15,19,23,25
Sec 7.3	# 1,3,5,11,13,23,25,27,29,33,35,37,39,43,45,49,53,59,67,69,77,81,91,97
Sec 7.4	# 3,7,19,21,25,27,33,35,47,59,77,79
Sec 7.5	#3 ,13,15,17,21,23,37,43,49,55
Sec 7.6	# 3,7,13,19,23,25,29,31,33,39,41,43,45,51,53,55,57,61,65
Sec 7.7	# 1,3,7,11,17,21,27,29,33,35
Sec 7.8	-----
Sec 8.1	# 5
Sec 8.2	# 1,7,9,13,35,47,53,79,81,91,97,101
Sec 8.3	# 1,5,7,13,25
Sec 8.4	# 1,5,23,31,35,47,49,53
Sec 8.5	# 1,3,9,15,21,29,33
Sec 8.6	# 1,3,9,13,15,17,29,35,39
Sec 8.7	# 1,7,11,19,21,29,31,37,39,51
Sec 8.8	-----
Sec 9.1	# 13,17,23,25,29,33,35,39
Sec 9.2	# 3,5,9,15,19,21,25,27,39,47,49
Sec 9.3	# 25,27,29,33,39,51,53
Sec 9.4	# 3,7,15,19,21,23,31,39,43,47,49.
Sec 9.5	# 1,5,9,13,17,21
Sec 10.1	# 1,3,9,15,17,19,21,23
Sec 10.2	# 1,5,7,11,21,25,29,35,39,41,45,53,55,63,65,69,73,75,77
Sec 10.3	# 1,11,15,17,19,21,23,29,33,35,37,43,51
Sec 10.4	# 1,3,5,11,13,21,27,31,33,41
Sec 10.5	# 1,5,7,11,17,23,29,31,37

Syllabus  
(subject to change)

Week	M	Sections	W	Sections	F	Sections
1					8/19	1.1-1.2
2	8/22	1.3-1.4	8/24	1.5	8/26	2.1-2.2   A1
3	8/29	2.3-2.4	8/31	2.4	9/2	3.1-3.2   A2
4	9/5	Holiday	9/7	3.3-3.4	9/9	3.5
5	9/12	Review Ch. 1-3   A3	9/14	Exam 1	9/16	4.1
6	9/19	4.2-4.3	9/21	4.3	9/23	4.4
7	9/26	5.1   A4	9/28	5.2-5.3	9/30	5.4-5.5
8	10/3	5.6-5.7	10/5	6.1-6.2   A5	10/7	6.3-6.4
9	10/10	6.5-6.6	10/12	6.7-6.8	10/14	Review Ch. 4-6   A6
10	10/17	Exam 2	10/19	7.1-7.2	10/21	7.3-7.4
11	10/24	7.5-7.6	10/26	7.7-7.8	10/28	8.1-8.2   A7
12	10/31	8.3-8.4	11/2	8.5-8.6	11/4	8.7-8.8
13	11/7	9.1-9.2   A8	11/9	9.3-9.4	11/11	9.5
14	11/14	Review Ch. 7-9   A9	11/16	Exam 3	11/10	10.1-10.2
15	11/21	10.3-10.4	11/23	10.5-10.6	11/25	Holiday
16	11/28	Review Exam   Final   A10	11/30	Final Exam at 11:00 a.m.		