

MATH 1310 – On-Line
INTERMEDIATE ALGEBRA
Fall 2005

- INSTRUCTOR: Jerome Drakeford
Office: DSC 217
Phone: 554-3138
UNOPHYSIC@aol.cr
jdrakefo@mail.unomaha.edu
- PREREQUISITES: Placement via the Math Placement Exam (MPE) ONLY
- OBJECTIVES: A course designed to teach properties of real numbers, linear equations and graphing, systems of equations, linear equalities, quadratic equations, polynomials, algebraic fractions, exponents and radicals and logarithms.
- MATERIALS: Textbook: **New Intermediate Algebra, 7th Edition by Lial, Hornsby & Miller** (required)
- Supplement: Math 1310 Review Packet (required)
- My MathLab web-based software packet**

LAST DATE TO WITHDRAW FROM COURSE WITH A “W” November 4, 2005:

- GRADING: **Grades will be determined by the performance on six chapter tests worth 100 points each, eight quizzes worth 10 points each. Homework is required for a total of 200 points. The final exam will be worth 300 points. The semester grade will be the percentage of earned points out of the total points (1180). All chapter exams (except the final exam), quizzes, and My MathLab exercises will be submitted online. The supporting scratch work from the exams and the in book exercises must be dropped off at my office or mailed to me. The final exam must be taken on campus in the mathematics department. It will be 25 multiple choice questions and you will have two hours to complete it.**
- A+: 96-100% B+: 86-89% C+: 76-79% D+: 66-69% F: below 60%
A: 90-95% B: 80-85% C: 70-75 D: 60-65%
- ATTENDANCE: Since this course is delivered via the internet there is no attendance policy. However the student must not assume that there are no deadlines. Students will have a fixed number of days to complete chapter readings, homework, quizzes and examinations. Also, to prepare students for the proctored comprehensive final, each exam will need to be taken by the scheduled date. As a result of the online nature of this course, it is necessary that the student establish his or her own weekly schedule within the course guidelines. You will be responsible for keeping abreast of the course progress. **This is not a course for individuals that are not self-motivated.**

Also students will have one hour to complete the multiple choice online examination. After completion of each examination the student **must** turn in supporting work for each problem to my office via mail. **If supporting work is not received in 48 hours, a grade of zero for the examination will be entered into Blackboard.**

HOMEWORK: Homework problems are assigned for every section covered. The purpose of homework is for you to learn the material by practicing and doing the problems on your own. In that regard there will be two sets of homework for each section. One set of homework is to be done after the student has completed the assigned chapter reading and working through the examples in each section. A list of these problems appears at the end of this course outline. This homework must be submitted via mail or dropped by my office. The other set of problems will be done on My MathLab and will be graded and the grade will be posted on Blackboard. These problems will be submitted online and you will be given two opportunities to attempt each problem. **THE ONLY WAY TO LEARN MATH IS BY DOING IT!!!!!!**

CHEATING: **Any student caught cheating will receive and F for the course and referral to the Dean of the College and/or Vice-Chancellor of Student Affairs for inclusion of the incident in your permanent records. This is regarded as a very serious matter.**

Test Dates

Test 1	09/2/2005	2.1 - 3.5
Test 2	09/16/2005	4.1 - 4.5, 5.1, 5.3
Test 3	10/07/2005	6.1 - 6.9
Test 4	10/28/2005	7.1 - 7.5
Test 5	11/11/2005	8.1 - 8.5
Test 6	12/02/2005	9.1 - 9.4, 10.2 - 10.4

****Materials to be covered are listed on the following pages.**

MATH 1310 – On-Line Section

	Sections to be covered	
Period 1: 8/22, 8/26	2.1 - 2.3	Read intro materials (“Before You Begin”). Take quiz 1. Read textbook sections 2.1- 2.3. Do assigned book problems. Do My MathLab problems.
Period 2: 8/29, 9/2	3.1 - 3.3	Read textbook sections 3.1- 3.3. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 1.
Period 3: 9/5, 9/9	4.1 - 4.5	Read textbook sections 4.1- 4.5. Take quiz. Do assigned book problems. Do My MathLab problems.
Period 4: 9/12, 9/16	5.1 - 5.3	Read textbook sections 5.1- 5.3. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 2.
Period 5: 9/19, 10/7	6.1 - 6.4 and 6.5 – 6.9	Read textbook sections 6.1- 6.9. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 3.
Period 6: 10/10, 10/28	7.1 - 7.5	Read textbook sections 7.1- 7.5. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 4.
Period 7: 10/31, 11/11	8.1 - 8.7	Read textbook sections 8.1- 8.7. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 5.
Period 8: 11/14, 11/22	9.1 - 9.4	Read textbook sections 9.1- 9.4. Take quiz. Do assigned book problems. Do My MathLab problems.
Period 9: 11/28, 12/2	10.2 - 10.4	Read textbook sections 10.2- 10.4. Take quiz. Do assigned book problems. Do My MathLab problems. Take online exam 6.
Period 10: 12/5, 12/9	Dead Week	Review sessions online
Period 11: 12/12, 12/16	Final Exam Week	Proctored in-class exam

Test #1	Math 1310 Intermediate Algebra Homework Problems
2.1	4,11,13,15,17,21,23,29,33,35,37,41,43,45,47,49,51
2.2	7,9,13,17,21,23,29,31,33,45,47
2.3	7,9,11,12,13,15,17,19,21,23 (omit obj 4-7)
2.4	Omit
	Chapter 2 Review (1-24) Chapter 2 Test (1-6)
3.1	1-9,11,13,15,19,21,23,25,31,32,37,39,43,45,50
3.2	1,3,6,7,9,11,13,15,16,17,21,23,24,25,27,28,31,35,37,39,41,45,47,53,55
3.3	5,9,11,13,23,25,27,31,35,37,39,41,53,55,57,67,71,73,75 (omit obj 5)
	Chapter 3 Review (1-33; 36-41) Chapter 3 Test (1-16)
Test#2	
4.1	25,27,29,33,35,37,39,41,43
4.2	3-6,13,15,17,19,20-22,27,29,31,39,41,45,47,49,51
	Chapter 4 Review (1-16) Chapter 4 Test (1-7)
4.3	7-15,19,21,23,27,29,33,35,43,47,51,53
4.4	7,9,11,15,17,19,21,23,27,31
4.5	3,5,7,11,12,15,21,25,29,35,37,41,43,45
4.6	Omit
	Chapter 4 Review (17-47) Chapter 4 Test (8-14)
5.1	3-7,9,11,13,15,17,23,25,27,29,31,33,35,39,41,43,53
5.2	Omit
5.3	1,3,7,11,17,21,23,27,29,33 (omit obj 5)
5.4	Omit
	Chapter 5 Review (1-14; 18-22) Chapter 5 Test (1-9; 12-15)
Test#3	
6.1	13,17,19,25,27,29,41,45,51,53,61,65,69,71,77,79,83,85,87,89,93 (omit obj 6)
6.2	25,29,35,37,41,49,51,53,55,57,63,71 (omit obj 7)
6.3	1,5,9,14,17,19,23,25,27,29,31,39,41,43,49,51,53,61,63,79
6.4	1,3,5,7,9,11,13,15,19,29,31
6.5	Omit
	Chapter 6 Review (1-21; 32-60) Chapter 6 Test (1-4; 6-14)
6.6	5,7,11,13,15,17,19,21,23,25,27,37,39,43,47,51
6.7	5,7,9,13,15,19,21,25,27,31,33,35,37,39,41,45,47
6.8	7,9,11,13,15,21,23,25,31,35,37,38,39,40,41
6.9	3,5,7,11,13,17,19,23,25,27,31,39,41,43
	Chapter 6 Review (67-107) Chapter 6 Test (15-30)
Test #4	
7.1	9,13,15,23,25,35,37,39,41,43,49,53,59,63,67,73,77
7.2	7,9,13,15,23,27,33,37,39,43,49,51
7.3	3,5,7,9,11,15,27,29,30,31
7.4	5,9,11,15,17,19,21,23,27,35 (omit obj 1)
7.5	11,19,23,31,35,39,41,45,47,49,51 (omit obj 1&2)
	Chapter 7 Review (1-22; 24-36) Chapter 7 Test (1-22)
Test #5	
8.1	13,15,17,25,31,33,37,39,43,45,51,55
8.2	1,3,5,7,19,21,23,25,37,39,43,55,57,59,63,67,68,69,77,79,81,83
8.3	7,25,27,29,35,37,47,49,51,53,63,65,66,75,83,85,87,89,91,92,93,99
8.4	7,9,13,15,16,17,21,29,30,39,41
8.5	7,9,11,13,17,21,27,29,37,43,47,53,63,65,67,69,77
8.6	3,5,7,9,11,17,19,21,23 (omit obj 3)
8.7	7,9,11,15,17,21,23,27,31,37,41,43,45,47,51,53,57,67,69
	Chapter 8 Review (1-78; 82-96) Chapter 8 Test (5-17; 19-22)

Test #6	
9.1	5,7,15,17,21,24,37,39,41,43,45,47,55,57,61,63,65
9.2	3,5,9,11,13,19,23,27,29,31,33,35
9.3	1-4, 11,13,15,19,21,25,27,29,33,35,41,43,45,47,51
9.4	19-25,27,29 (omit obj 1)
9.5 thru 9.7	Omit
	Chapter 9 Review (1-28; 32-34) Chapter 9 Test (1-12; 14-17)
10.1	Omit
10.2	5,7,11,13,15,17,19,21 (omit obj 4)
10.3	3,5,11,13,21,23,25,27,33,35,37,39,41,53 (omit 53c)
10.4	5,9,11,13,15,19,21,23,25,27,29,33,35,37
10.5 & 10.6	Omit
	Chapter 10 Review (9-14; 16-27) Chapter 10 Test (4 - 8; 10-16)