

**22M:002:331 (Basic Algebra II)
Fall 2005**

INSTRUCTOR: Ted Wendt
Office: 255 Macbride Hall
Office Hours: TBA
Math Lab Hours: TBA
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Text: Lial, Hornsby & Schneider, *College Algebra and Trigonometry*, Third Edition, Addison Wesley Longman, 2005. (Required)

Student Solutions Manual by Heidi Howard (Recommended)

Course Goals: This is a fast-paced course covering college algebra. Expect the material to be covered at three times the pace of high school. The prerequisite is 22M:001 or one year of high school algebra.

Students are expected to attend class and to read the textbook for comprehension. It is recommended that you read the sections to be covered in class before the lecture. You are responsible for material covered in class as well as material from the text which is assigned but not covered in class. Lecture time is at a premium; you cannot be taught everything in class. It is your responsibility to learn the material; the instructor's job is to guide you in your learning. You are also responsible for any changes to the syllabus (such as exam dates) which may be announced in class.

Examinations and Grading: (1) There will be two in-class midterm exams, a final exam, and graded class projects (homework, quizzes, graphing calculator projects, etc.) Your final grade will be based on the following distribution:

Midterm exams:	40%	(20% each)
Class Projects:	30%	
Final Exam:	30%	

All exams are closed book and notes are not allowed. A plus/minus grading system is used (except that the grade A+ will not be assigned in this course).

It is very important that you take the examinations at the scheduled times. Alternate exams will be scheduled only for those who have compelling and convincing reasons. The final exam is scheduled for Wednesday, December 14 at 9:45 a.m.

Note. This course is given by the College of Liberal Arts and Sciences. This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at:

<http://www.uiowa.edu/~provost/deos/crossenroll.doc>

Graphing calculators: A graphing calculator, preferably a TI model, is strongly recommended for the course. It is expected that you read the manual for the calculator as very little class time will be devoted to teaching you how to operate it. The use of a graphing calculator does not relieve you from learning the necessary algebra skills and, in fact, calculators usually will NOT be allowed on examinations.

THE MATHEMATICS TUTORIAL LAB: 314 MLH

As a general rule, you will find it necessary to spend approximately two hours of study for each lecture, and additional time will be needed for quiz and exam preparation. It is strongly advised that you start working on this course and use the Math Lab from the very beginning. The importance of doing the assigned homework cannot be over emphasized. The Math Lab is a drop-in tutorial service (no charge) staffed by Teaching Assistants from the Department of Mathematics. The hours are 9:30-4:30 Monday-Thursday, 9:30-12:30 Friday and Sunday-Thursday 6:00PM-9:00PM. The Lab provides one of the best ways of getting personalized help. Practice quizzes and exams are also available in the Lab. From time to time tutorials on special topics may be offered as well. You are urged to make use of this service.

Important Notice: Information concerning Student Rights and Responsibilities (including Student Complaints about Faculty Actions and Academic Misconduct) can be found in the CLAS Student Handbook (<http://isis.uiowa.edu/>). If a situation arises where you and your instructor disagree on some matter and cannot resolve the issue, you should see the Course Supervisor. However any problems concerning the course should be discussed FIRST with your instructor.

COURSE SUPERVISOR: W. A. Kirk
Office: 25h MLH (ground – north wing)
Office Hours: 1:30 MTWR & by appointment
Telephone:
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Disabilities: Please see your instructor, either after class or during office hours, if you have a disability which may require some modification of seating, testing or other class requirements so that appropriate arrangements may be made.

Detailed Syllabus (This is tentative. Changes may be announced in lecture. This especially applies to exam dates. You are responsible for being aware of such announcements.)

Date	Section
Week 1	R.1, R.2, R.3
Week 2	R.4, R.5
Week 3	R.6 , R.7, 1.1
Week 4	1.2 , 1.3, 1.4
Week 5	1.5, 1.6, 1.7
Week 6	1.8, Review
Week 7	Exam 1, 2.1, 2.2
Week 8	2.3 , 2.4, 2.5
Week 9	Spring Break
Week 10	2.6, 2.7, 3.1
Week 11	3.2, 3.3
Week 12	3.4, 3.5
Week 13	3.5, Review, Exam 2
Week 14	4.1, 4.2
Week 15	4.3, 4.3, 4.5
Week 16	4.5, Review
Week 17	Final Exam