

22M:002 (Basic Algebra II) Fall 2003

Instructor: Ted Wendt
Office: 255 MH
Office Hours: TBD
Math Lab Hours: TBD
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Text: Lial, Hornsby, & Schneider, *College Algebra and Trigonometry and Precalculus*, Second Edition, with MTC and MathXL and Graphing Calculator Manual, Addison Wesley Longman, 2001. (Required)

TI-82 Graphing Calculator. (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 for this course is 22M:001 (Basic Algebra I) 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 the 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: 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%
Final exam	30%
Class projects	30%

Use of textbooks, notes, or any other supplementary material on exams or quizzes is not allowed. Supplementary material includes, but is not limited to, books, calculators, computers, and other students.

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, convincing and confirmable reasons. No make-ups for quizzes will be allowed; however, extra quizzes

will be given so that some 'low scores' or 'misses' can be dropped from the average. The date and time of the final examination will be announced before the end of the first week of classes.

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.

Graphing calculators: The TI-82 graphing calculator is recommended for this course. If you already own another model, please see me. 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 the TI-82. The use of a graphing calculator does not relieve you from learning the necessary algebra skills. Remember: calculators will not be allowed on exams.

THE MATHEMATICS TUTORIAL LAB: 314 MLH

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 6:00PM-9:00PM Sunday-Thursday. 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 will 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 first be discussed with your instructor.

Course Supervisor: W. A. Kirk

Office: 225B MLH (Second floor – north wing)

Office Hours: 1:30 MTWR or by appointment

Telephone: Office: 335-0722

Math. Office: 335-0714

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Web: <http://math.uiowa.edu/~kirk>

Disabilities: Please see me, 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 can be made.

Tentative Course Schedule

Week	Sections
Week 1	1.1, 1.2, 1.3
Week 2	1.4, 1.5
Week 3	1.6, 1.7, 2.1
Week 4	2.2, 2.3, 2.4
Week 5\	2.5, 2.6, 2.7
Week 6	2.8, Review, Exam 1
Week 7	3.1, 3.2
Week 8	3.3, 3.4, 3.5
Week 9	3.6, 3.7, 4.1
Week 10	4.2, 4.3
Week 11	4.4, 4.5
Week 12	4.5, Review, Exam 2
Week 13	5.1, 5.2
Week 14	Thanksgiving Break
Week 15	5.3, 5.5
Week 16	5.5, Review
Week 17	Final Exam

NOTE: This schedule is only tentative. Changes to the syllabus may be announced in lecture. You are responsible for being aware of such announcements.