

22M:002 (Basic Algebra II) Spring 2004

Instructor: Ted Wendt
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Math Lab Hours: TBA
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Final Exam: Thursday, May 13 7:30 AM

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, weekly quizzes, and graded homework assignments. Your final grade will be based on the following distribution:

Midterm exams	40%
Final exam	30%
Quizzes and Homework	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 and quizzes at the scheduled times. Alternate exams will be scheduled **only** for those who have compelling, convincing and confirmable reasons. You will be allowed to make-up two weekly quizzes under the following conditions:

- You notify me in advance that you will be unable to take a quiz.
- You schedule a makeup time with me within one week of the missed quiz.

The final examination is scheduled for Thursday, May 13 at 7:30 AM and cannot be rescheduled.

Homework will be collected at the beginning of each class period. Unless otherwise noted, each homework assignment is worth 10 points. Homework more than one class period late will incur a 1 point penalty per class period.

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: Dennis Roseman
Office: B1J Maclean Hall (Basement)
Office Hours: by appointment
Telephone: Office: 335-0779
Math. Office: 335-0714
e-mail: roseman@math.uiowa.edu

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
Week 2	1.3, 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	Spring Break
Week 10	3.6, 3.7, 4.1
Week 11	4.2, 4.3
Week 12	4.4, 4.5
Week 13	4.5, Review, Exam 2
Week 14	5.1, 5.2
Week 15	5.3, 5.5
Week 16	5.5, Review
Week 17	Final Exam: May 13, 7:30 AM

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