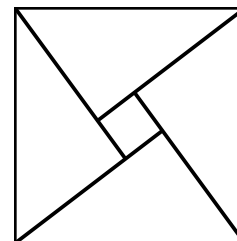


Math 122 Intermediate Algebra

Spring 2003 MWF 10:10 – 11:00

Instructor: Jon Freedman
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Office hours: M-Th 12:30 – 1:45; Tu, Th 11-12:30, or by appointment.



Prerequisite: Math 110, 112 or equivalent with C or better, or appropriate score on placement test.

Text: Hubbard, Elizabeth, and Ronald D. Robinson. *Elementary & Intermediate Algebra, Discovery and Visualization*. 3rd ed. Boston: Houghton Mifflin Company, 2002. (red and black cover).

Materials: A TI-83 graphing calculator is required for this course. Other graphing calculators may perform the same functions and may be acceptable but see me about this. If you have a TI-89, TI-92, or other technology that can perform symbolic manipulations you will not be allowed to use it on any form of assessment.

Important Dates: Last day to Add this course: Monday, January 27
Last day to Drop this course without a W: Friday, February 6
Last day to Withdraw from class: Wednesday, April 23
Holidays: 1/20; 2/14; 2/17; 4/14 - 4/18
Final Exam (comprehensive): Monday, May 19 8:10 – 10:40 (am)

Assignments: Homework is due at the beginning of the last class of each week (usually Friday) unless otherwise stated. Most test and quiz problems will be taken directly from homework assignments or from other problems in the text.

Grading: Assignments (homework, classwork, quizzes) (20%)
3 – 5 Tests (60%)
Final (20%)
I will drop your worst test score (*Not* the final). There will be no makeup tests. If you are late for a test you will have only the remaining time to complete the test (so don't be late). If you know you are going to miss a test date, contact me at least three days in advance and we can arrange an alternate test.
I will omit one late assignment or if you submit all assignments on time, I will drop your lowest score.
I will give quizzes often. I will drop your two worst quizzes. There will be no makeup quizzes.

Grading Scale: A \geq 90%
80% \leq B < 90%
70% \leq C < 80%
60% \leq D < 70%
F < 60%

Attendance Policy: You will not be graded directly on your attendance. However, your involvement in class and your participation in the process of discovering concepts will be fundamental in your understanding of algebra.

Withdrawal Policy: If you decide to drop this class you must do so formally either by using WebSMART or by filing the correct form with the registrar's office. If you miss more than ten hours of class and still desire to remain in the class you must meet with me and convince me that you can learn the material necessary to pass the class.

- Course Objectives: We will cover the majority of Chapters 1 through 5 as well as some supplemental materials. In completing this course you can expect to have done the following:
- Develop and apply critical thinking skills
 - Develop facility with symbolic representations and apply them in solving applied problems
 - Recognize the limitations of calculators and correctly employ the concept of significant digits
 - Develop competence in each of the fundamental algebra topics detailed in the course content list (sufficient to earn an AA degree)
 - Develop skills necessary for further work in mathematics beyond elementary algebra.
- In particular, we will study chapters 6 through 8 of the text which include exponents and their properties, polynomials: multiplication and factoring, and rational algebraic expressions (fractions with variables).
- Tutoring: The Learning Center (TLC) is an outstanding resource for free tutoring in all of your classes. You should visit TLC at the slightest sign of confusion or just as a place to sit and work in a supportive environment. The Learning Center staff is well trained and dedicated solely to your success, so don't waste this resource!
- Assistance: In Coordination with the DSP&S office, reasonable accommodations will be provided for qualified students with disabilities. If you have an accommodation letter, please meet with me during my office hours to discuss your needs. For more information, please contact DSFS office in building 2) at 738-4280.
- Academic Dishonesty: I strongly encourage you to form study groups and to work together to understand the material covered in this class. Explaining a concept is a valuable way for you and the listener to develop your insight and your skills. Simply copying work, whether it is from an assignment or a test, is of no value to you academically. Consequently, if I find that you are submitting any part of another's work as your own, you will not receive credit for this course. The same holds true for any other kind of academic dishonesty. There is no situation that could arise in this class that would justify risking expulsion. If you are having any difficulty, PLEASE see me about it so that we can work together in resolving the issue.