

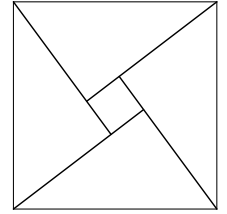
# Math 811 Fundamentals of Mathematics (AB)

Spring 2011

Daily 9:10 – 10:00

Instructor:

Jon Freedman  
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Office hours: M 1:30 – 3  
TuW 8 – 8:30; 1:15 – 2 (beginning in rm. 7109)  
Th 1:15 – 2:30 (beginning in rm. 7109)  
F 8 – 8:30 . . . and most other times *by appointment*.

Important Details:

Math 811 is a prerequisite for Math 111 and/or M110. Math 811 is NOT transferable. For this course you are required to take LSKL 811 AB (42050), a 0.5 unit support class meeting Tuesdays & Thursdays 12:35 – 1:50 in 5-5102.

Text:

*Fundamentals of Math An Activities and Applications Approach* (August 2010) (Zamani, Freedman, & Hough) available in the bookstore.

Materials:

Any scientific calculator (a calculator including exponent ( $y^x$ ) and root keys:  $\sqrt{\quad}$  and  $\sqrt[n]{\quad}$ ) is required for this course. You may NOT use your cell phone in this class. The calculator required for math 110/111 and beyond is the TI-83+ (or TI84) graphing calculator. If you plan to take more math courses, you may wish to buy a TI-83+ now. I will demonstrate the use of both graphing and regular scientific calculators. You will also need a ruler (the Helix rulers in the bookstore are good).

Important Dates:

Last day to Add this course:	Monday, January 31
Last day to Drop this course without a W:	Friday, February 11
Last day to Withdraw from class:	Thursday, April 28
Holidays:	2/18 – 21; 3/11; 4/2 – 10
Last regular class:	Friday, May 20
Final Exam (comprehensive):	Wednesday, May 25 8:10 – 10:40 am

Assignments:

Homework will be collected every day. A quiz will be given at least once a week. All late work (work past due by more than one day) must be thoroughly discussed with a TLC tutor (or me) and signed off in order to be accepted. Most test and quiz problems will be taken directly from assignments or from other problems in the text or class. Keep up with the assignments! You will keep a journal of class problems that will be collected on test days. Tests will be open notebook.

Grading:

Homework, in-class assignments, LSKL 811 grade, and projects (35%)  
Quizzes (10%)  
3 - 4 Tests (40%)  
Final (15%)

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 *prior* to the test date.

I will give quizzes often. I will drop your worst quiz. 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 discussions and group activities will be assessed. If you can't make it to class regularly and on time, you're not likely to pass the class.
- 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 5 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 Contents:** This course focuses on the following topics:
- Estimation skills in approximating calculations involving money, measurement and other real world applications.
  - Basic Arithmetic (+, -,  $\times$ ,  $\div$ ) with counting numbers, and fractions using applications.
  - Understanding the order of operations and the ways in which those operations behave.
  - Operations with signed numbers.
  - Applications of ratio and proportion.
  - Simple exponents and roots.
  - Problem solving and game strategy.
- Tutoring:** Office hours. Either during my posted office hours or by arrangement, you should come to see me for help. The people in your class know the most about what you are studying and therefore make the best sources of help. Please try to find other student in the class to study with and please come to see me if you have any questions. You can also send me an e-mail or call if you prefer.  
The Learning Center (TLC) is an outstanding resource for tutoring in all of your classes. You should visit TLC the moment you feel confused or just as a place to sit and work in a supportive environment. The Basic Skills lab in the Learning Center is there specifically to support you (students in this course). The staff of the Basic Skills lab is familiar with our book and is trained to help you understand the course material so put them to work for you!
- Internet:** There are countless websites devoted to assisting you with this type of math and you should feel free to explore these sites for one that suits your needs. Beware those sites that either charge for their services or those that seem to give over-simplified answers.
- 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 DSPS 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 insight and skill.  
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 it. Zero scores you receive from academic dishonesty will not be dropped from your grade. 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.