

Department of Mathematics
Fall Semester 2009
Student Syllabus
MGF 1107-sections 1-8
Lectures MWF 1:25 – 2:15 in MO104
MOR
Thursday recitations in HTL

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I cannot return phone calls with area codes
other than 850.

Office Hours:
Mondays 12-1
Tuesdays 11:15-1:15
(or by appointment until 2:45)
Thursdays 11-noon

Please remember to refer to this syllabus before emailing the instructor. ☺

COURSE OBJECTIVES: This course is especially intended for students who will major in areas that do not require further mathematics. We hope that this class will give you an appreciation of mathematics in our world as well as teach you some basic mathematical skills.

ELIGIBILITY: The suggested prerequisite is two years of high school algebra. If you were required to take MAT 1033 in Fall 1999 or later, you must have passed it with a C- or better.

ATTENDANCE: Students whose names do not appear on the class roll cannot attend classes. Students are expected to attend class.

REQUIRED TEXT: *A Mathematical View of Our World*, Parks & Musser – custom version for FSU students (2008)

CALCULATORS: The student will be expected to have, and know how to use, a calculator with adequate functions for class work, homework, and tests. Almost any scientific, business or graphing calculator will be permitted. A scientific calculator with a “PRB” key is inexpensive (~\$25) and very good for this class as well as MGF1106. During all tests and quizzes, calculators must be out of cases. Calculator manuals may not be used during tests. **YOU MAY NOT USE A CELL PHONE, BLACKBERRY or SIMILAR DEVICE CALCULATOR.**

CONTENTS:

Unit I:	Chapters 3 and 5 (VOTING & APPORTIONMENT)
Unit II:	Chapter 13 including additional sections on Savings & Investing, Taxes, and the Frontline documentary “Secret History of the Credit Card” - shown in class but also available online at http://www.pbs.org/wgbh/pages/frontline/shows/credit (FINANCIAL UNIT)
Unit III:	Chapters 9 and 11 (STATISTICS UNIT)
Unit IV	Chapters 6 and 12 (GRAPH THEORY & EXPONENTIALS)

TEST DATES: **FSU ID IS REQUIRED FOR ALL TESTS** (also bring #2 pencils & calculator)

EXAM I:	Thursday, Sept. 10 in recitation <i>Retest for Exam I is Sept. 17 in recitation</i>
EXAM II:	Thursday, Oct. 8 in recitation <i>Retest for Exam II is Oct. 15 in recitation</i>
EXAM III:	Thursday, Nov. 5 in recitation <i>Retest for Exam III is Nov. 12 in recitation</i>
EXAM IV:	Thursday, Dec. 3 in recitation. No retest option!
NOTE:	HOMEWORK “PROJECT” DUE FRIDAY, DEC. 10, at 9:30am. See info on next page.

TEST GRADING POLICY and TEST DATES: All tests will be taken during recitation. On test days, there is no practice time in recitation. Note that there is no retest option for the 4th test.

You may not begin a test and then decide not to take it. Once a test is started, then it must be completed. Tests or quizzes left ungraded will prevent you from taking the next assignment.

You will be allowed to take a retest, for Unit Test 1, 2, and 3, during recitation the following week. **The test is required on the Test Date.** If you miss the test for an invalid or unverifiable reason, then your retest grade will be penalized, but not more than 20% (i.e. you will not have a “0” averaged with your retest grade). If you take the test and retest, **and your retest grade is higher than your test grade, your grades will be averaged.** If you take the test and retest, **and your test grade is higher, your grades will not be averaged; your grade will be the test grade.** (That is, you cannot hurt your grade by retesting, but the grades will be averaged if the retest is higher.) **You will not be guaranteed more than one attempt for the Unit tests.** That is, if you have any absence, excused or not excused, from the test or retest day, then you will simply have lost that opportunity to test (or retest). **Make-up testing times will not be scheduled. Acceptable medical excuses must state explicitly that the holder is excused from class. Documentation must be turned in, in person, to the instructor within one week of the missed test.**

QUIZZES AND HOMEWORK:

Expect to be given a quiz each Thursday in your recitation meeting (except on days when you will take an exam or make-up exam instead). **There are no make-ups for quizzes.**

A list of homework problems is provided from the textbook. In addition to these, you may use the exercise generators provided on the instructor's website to practice before graded homework assignments, quizzes, and tests.

NOTE: Not all test/quiz topics are covered by the exercise generators or online homework. Please email any questions you want the instructor to answer during lecture class or print out the questions in black ink and bring them to the instructor before lecture class begins. Textbook and exercise generators are intended to help the student learn the material – no grade is recorded for these.

Graded homework assignments will be given via the internet through a program called eGrade. Links will be posted on the instructor website and on Blackboard. Make sure you have the instructor's website bookmarked in case Bb is down. You are allowed three attempts on these and the highest of your three attempts is the one that counts. There are absolutely no make-ups for homework assignments.

Your quiz/homework grade is the percent of problems you do correctly. In other words, your quiz and homework grades will NOT be averaged. This grade will be found by performing the following calculation:
(sum of all points earned on quizzes and homework)/(total number of points possible) × 100

HOMEWORK "PROJECT" DUE FRIDAY, DEC. 10 AT 9:30am. This is an out of class eGrade assignment divided into 3 parts that replaces the need for a comprehensive final. Each problem on parts 1 and 2 counts two points. You must earn a 70% or better on part 1 in order to move on to part 2. You must earn 70% or better on part 2 in order to move on to part 3. You will have 5 attempts on parts 1 and 5 attempts on part 2. If you do all 5 attempts on part 1 without earning 70% you **will** be allowed to move on to part 2. . If you do all 5 attempts on part 2 without earning 70% you **will** be allowed to move on to part 3. *Part 3 is optional and counts as a bonus.* Each problem you get correct on this part replaces a point missed earlier in the semester on either a quiz or a graded homework assignment. You will be allowed two attempts on part 3.

Please note: completing parts 1 and 2 with 70% mastery is mandatory. See grade scale below for more information.

COMPUTER ASSISTED INSTRUCTION: This is a CAI (computer-assisted instruction) course. All of your exams and quizzes and homework assignments will be taken over the Internet, either from a computer in your Thursday recitation room or from some other site (in the case of Internet homework). *Grade concerns related to the eGrade testing software will be referred to and resolved by appropriate authorities within the Department of Mathematics.*

IMPORTANT: The eGrade system gets sluggish when homework deadlines approach. If you wait until the last minute to complete an assignment, nothing can be done if the system is slow so that you do not get the assignment in on time. **Do not use the aol browser for any eGrade work.**

GRADING:

Semester average = $0.9 \times$ average of the four unit tests + $0.10 \times$ quiz average

A = above 91.49 and pass homework "project"	B+ = 87.50-89.49 and pass homework "project"	C+ = 76.50-79.49 and pass homework "project"	D = 59.50-65.49
A- = 89.50-91.49 and pass homework "project"	B = 81.50-87.49 and pass homework "project"	C = 69.50-76.49 and pass homework "project"	D- = 55.50-59.49
	B- = 79.50-81.49 and pass homework "project"	C- = 65.50-69.49 and pass homework "project"	F = below 55.50

What happens if you do not pass (i.e. earn 70% or better) parts 1 and 2 of the homework "project"? Your letter grade will decrease by one-half of a letter grade.

For example, if you have a 95 average and you do not earn a 70% or better on parts 1 and 2 of the homework "project", then you will receive an A- in the course.

BLACKBOARD: Class outlines, additional problems, practice quizzes, and reviews are posted on Bb under **course library**. Grades are posted on Blackboard. Important announcements are posted on Bb. You are expected to check Bb regularly to be informed by these announcements.

ADA STATEMENT: Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); 2) bring letters to their instructors from SDRC indicating they need academic accommodations. ***This should be done within the first week of classes.***

ACADEMIC DISHONESTY: The academic honor system is followed strictly. Students possessing unauthorized notes or giving/receiving unauthorized assistance on an exam will be given a grade of zero on that exam; and violators may be remanded to the university judicial officer for further action.

EMAIL: Please keep email correspondence short and to the point. The instructor will not send solutions to problems via email. If time is limited in class, the instructor will post homework solutions on Blackboard in the course library. ***Always include your name and class meeting time in email correspondence.***
Please remember to refer to this syllabus before emailing the instructor. ☺

HELP CENTER: The Help Center is located in 110 MCH (old EDU). The hours of operation will be Monday - Thursday: 2:00 - 7:00 PM, closed Friday, Saturday and Sunday. The first day of operation for the fall semester is Monday, Aug. 31. The last day of operation is Thursday, Dec. 10, 2009.