

Math 111 A - Syllabus

Instructor:	Mong Kon Mo
Office:	Padelford C-18
Office Hours:	MW 1:00 - 2:00 (in the MSC)
E-mail:	mkmo@u.washington.edu (see note below about sending me e-mail)
Course Website:	http://www.math.washington.edu/~mkmo/math111/ I will post any important announcements as well as course documents on the course webpage. It is your responsibility to check it on a regular basis.
Lecture:	MWF 10:50 - 11:50 in SWS 026
Quiz Section:	TuTh 10:50 - 11:50 in SWS 026
TA:	Sarah Gilles
Textbook:	<i>Algebra in Business and Economics</i> , by G. S. Monk (Available from Professional Copy 'N Print, 4200 University Way NE)

Course Description

Welcome to Math 111. In this course, you will study the use of graphs and algebraic functions as they apply to the fields of business and economics. This course will prepare you for a sequel course in the application of calculus to business and economics, Math 112.

Grades

The weight of each part of the course is given below.

<u>Category</u>	<u>Weight</u>
Homework	15%
Activities	10%
Participation	5%
Quizzes	10%
Midterm 1	15%
Midterm 2	15%
Final Exam	30%

Your final percentage in the course will be converted to a grade point (0.0 to 4.0). Although your final grade will depend partly on the class median, I can guarantee to following:

<u>Your %</u>	<u>Your Grade</u>
90%	at least 3.5
80%	at least 3.0
70%	at least 2.0

The final grade distribution may be slightly more lenient than this. However, you must get at least 60% in order to pass the course with a 2.0. If you want to do well in this class, you should expect to spend no less than 12 hours a week (outside of class) doing homework (this does not include the time needed to read the text).

Course Structure

This course will consist of the following components:

1. **Homework** - Homework assignments will be posted on the course webpage and will be collected on Wednesdays (with two exceptions; see online schedule) at the beginning of lecture. Late homework will not be accepted for any reason (except the wrath of mother nature). To compensate for random emergencies, your lowest homework score will be dropped. Make sure that your homework is stapled. Points will be deducted if it is not stapled. The grader will grade a few of the problems for correctness and assign “completeness” points for the remainder of the problems. For this reason, make sure to clearly label each problem. We will do our best to get the homework back to you within a week. Since the answers to most of the exercises are available to you, it is essential that you write out complete solutions to all assigned problems. No credit will be given for simply writing the answer, even if its the correct one. There will be time during quiz section for the TA to answer questions about homework.

It will be incredibly difficult (if not impossible) for you to learn the material without doing the homework. It is even possible that you complete all of the homework without mastering the material. This is not unusual. It is possible that you just need to do more problems for practice. However, it is more likely that you need to spend more time thinking about the problems that you have already done. In particular, after writing up the solution to a problem, you should ask yourself

- What concepts came up in the problem?
- Why was I asked to do this problem?
- How does this problem/question relate to the other ones I’ve done?
- Was there another way to solve this problem?

It will also help for you to work with one another on homework (but make sure you write up your own solutions).

2. **Activities** - You will participate in group activities during quiz section on Thursdays (see the online Schedule). These activities are designed to reinforce or deepen your conceptual understanding of topics in the course or to introduce new topics. You will work on these activities in groups; however, each person will hand in his/her own solutions. These activities are designed to be finished and turned in at the end of the quiz section; but, if a group demonstrates a reasonable effort and is unable to finish, the members of that group may turn in the activity at the next quiz section (but no later). There are no makeup activities, but your lowest score will be dropped.
3. **Participation** - During Tuesday’s quiz sections, you will attempt problems from previous exams in a test-like situation and then discuss these problems as a class. You will receive points for participating in these discussions. After the discussion, your TA will answer questions over the week’s homework assignment.
4. **Quizzes** - We will have two quizzes throughout the quarter. Each quiz will be worth 20 points and you will have 15 minutes to complete it. Calculators (of any kind) and notes are not allowed on quizzes. I will grade the quizzes and return them to you as soon as possible. Solutions will be posted on the course website.

5. **Midterms** - There will be two midterms on July 10 and July 31. Note that these are Tuesdays. You will have the entire class time to complete the midterm. You must bring photo ID to each midterm. You will find a collection of old midterms from previous quarters on the Math 111 common website (www.math.washington.edu/~m111/). I will indicate which ones you should look at. It is your responsibility to actually look at them. I will schedule review sessions outside of class time before each midterm. You will be allowed to use one page (of an 8.5×11 inch sheet) of *handwritten* notes. You must turn in your sheet of notes with your midterm. Graphing calculators are not allowed, but scientific calculators will be allowed on midterms. You will also need a transparent ruler.
6. **Final Exam** - The final exam for this course is **tentatively** scheduled for Friday, August 18. If you foresee any unavoidable conflicts with this time, please see me as soon as possible. I will hold a review session before the final. More details will be given when the time comes. You will be allowed to use one sheet of handwritten notes, a scientific calculator, and a transparent ruler.

Office Hours

My office hours are listed at the top of this syllabus. I encourage you to make use of them. We can go over homework problems, discuss concepts from lecture, or just chat. I am also available by appointment. To setup an appointment, you can talk to me in person before/after class or send me an email. Prior to midterms and the final exam, I will hold extra office hours (which will be announced in class and posted on the course website).

E-mail Policy

Due to the excessive amounts of spam I get, your e-mails may accidentally get filtered into my Junk Mail. To help prevent this from happening, you should do the following:

- Include a brief, but descriptive, subject line. Avoid using subject lines like “IMPORTANT!!! Please read this!!!” Avoid using all caps. It would help tremendously if you included “Math 111” in the subject line.
- Include a greeting line addressing me as “Mo”. Besides, it’s a good habit to say hi before jumping into a message.
- Clearly identify yourself by name (first and last).

Also, although I’m quite fluent with chat-room/e-mail lingo, do your best to stick to standard English.

Attendance

There is no “attendance” grade for this course. However, I will keep track of your attendance. Good attendance will certainly be taken into consideration when your final grade is determined.

There are no makeups for any reason. If you have a valid reason (e.g., religious obligations, health problems, etc.) for missing a quiz or midterm, you must let me know as soon as possible **before** the quiz or midterm and provide me with documentation. If you miss a midterm, your final exam will be weighted more heavily. If you miss a quiz, the other quiz will be weighted more heavily.

Academic Integrity

Cheating completely undermines the whole purpose of higher education. Ask yourself “why am I here?” In my opinion, if your answer does not include some form of the word “learn”, then you are probably in the wrong place. Cheating includes (but is not limited to) plagiarism, passing notes or talking during quizzes and exams, and attempting to do work for someone else. Appropriate action will be taken in accordance with University policies. In short, **cheating will not be tolerated so don’t do it!**

Classroom Behavior

It is to everyone’s advantage for us to maintain a positive, comfortable learning environment in our class. Please show respect for others by:

- making sure that cell phones, pagers, and portable music devices are turned off for the duration of class,
- not reading newspapers or magazines in class,
- not doing work for another class during our class, and
- not making a disruptive entrance when you are late.

Important Dates

- July 10: first midterm
- July 31: second midterm
- August 18: final exam

Please see the Academic Calendar (www.washington.edu/students/reg/0607cal.html) for drop deadlines.

University Policy on Disabilities

To request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, 206-543-8924 (voice/TTY). If you have a letter from Disabled Student Services indicating that you have a disability which requires academic accommodations, please present this letter to me so that we can discuss the accommodations you might need in this class.

Disclaimer

Although I have no plans to do so, all dates and policies are subject to change or exception according to announcements made in class. Any such changes will also be posted on the course webpage.