

MA 110 – Analytic Geometry and Trigonometry

Section 005

University of Kentucky, Department of Mathematics

Fall 2007

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Course Webpage: www.ms.uky.edu/~jkilty/index_files/ma110.htm

Office Hours: M 10:00-11:30 AM (POT 718)

W 2:00-3:30 PM (POT 718)

R 10:30-11:30 AM (Mathskeller)

Other times by appointment.

Meeting Times: TR 1:00-1:50, CB 217

Textbook: *Precalculus with Geometry and Trigonometry* by Avinash Sathaye

Attendance and Tardy Policy: Student attendance is absolutely essential to student success. Every student should be in class for every class session unless there is an emergency or university defined excused absence. It should be emphasized that in order to be counted present you must not only be in the classroom but you must be actively engaged in the activities of the class. Attendance will count as 20% of your recitation grade as described below.

Recitation??? Many students are unfamiliar with the idea of a recitation. The recitation for this course will consist of two components: a time to ask questions and a worksheet of problems (not the assigned web homework problems) to be worked on in small groups. Each class period will consist of 15 minutes for questions followed by a worksheet of problems to be completed in the remaining 35 minutes.

Grading: The students recitation grade is worth 50 of the 500 points for MA 110 (i.e. 10%). During each recitation students will receive a worksheet of problems that they will work on in groups of three to four during class and that will be turned in at the end of the class period. One set of answers will be turned in for each group with the names of each student in the group and therefore each member of the group will receive the same grade (with one exception to be discussed shortly). For each recitation you can receive 25 points.

Five points will be for being present at the recitation with another five points being awarded for making a substantial contribution to the efforts of the group in completing the worksheet problems; if a particular student is not making a contribution to the group's efforts then that student will be penalized but the other group members will not be. The remaining 15 points will come from the grading of two to three problems for correctness. A copy of the graded worksheets will be returned to each student the next class period. Thus, each week there are 50 points possible. Your points for the week will be recorded in the WHS system in the Hand-graded HW grades section. Your final grade out of 50 points will be an average of your weekly recitation grades. In summary, for each class period you will receive points according to the following criterion:

Attendance	5 points
Participation	5 points
Graded Problems	15 points

Then, each week a homework score out of 50 points will be recorded in WHS. At the end of the semester the 16 homework scores will be averaged to determine your final recitation grade.

Each student is granted one unexcused absence, which should only be used in the event of an emergency. If you are absent (excused or the one permitted excused absence) then the student must complete the class worksheet outside of class and turn the worksheet in by the next class period. All worksheets for the class will be posted on the class homepage (www.ms.uky.edu/~jkilty/index_files/ma110.htm). After the one unexcused absence has been used students will lose all points for each unexcused class period missed.

Calculators: Students are expected to be able to make all necessary computations by hand as taught by the instructor. However, the use of calculators will be permitted in the recitation. However, the worksheets that are turned in to be graded must contain all of the computations and may not simply have an answer obtained by a calculator.

Tutoring Resources: There are ample opportunities for students to receive help if they are struggling in this course. If a student is having difficulties the student should immediately try to get help. I am available during my scheduled office hours and would also gladly schedule an appointment to meet a student. It is imperative that a student receive help as soon as they begin to struggle. A small problem left uncorrected at the beginning of the course will result in significant problems by the end of the course.

Office Hours: Office hours are a time that I have set aside during the week to meet with my students and answers their questions regarding the class and the homework. You are strongly encouraged to stop by during this time as it is set aside for you. If you are unable to come to my office during office hours but you still have questions please set a time to meet with me that works in your schedule.

Academic Integrity: Students are expected to abide by University policy in regards to academic integrity. According to University policy, the minimum penalty for cheating is failure of the course.

Cell Phones: The use of cell phones is not permitted during class. Students are asked to turn their cell phones off or turn the ringer completely off. I ask that students do not put their cell phones on vibrate as this can cause the same distraction as if the phone actually rings.

Expectations: I feel that it is important to inform the students at the beginning of the semester of my expectations for them. Here is what I expect of each of my students:

1. I expect that each student shows up for each class period on time and ready to work hard for the next 50 minutes.
2. I expect each student to work to the best of their ability to solve the problems that are assigned in class and given as web homework.
3. I expect each student to work hard to achieve the best grade that they can and not to simply settle for a lower grade than they are capable of simply to have less work to do.
4. I expect each student to come to class prepared, having read the covered material in the class text, studied their class notes, and having attempted the web homework problems.
5. I expect that each student come to me as soon as they begin to have trouble in the course and to ask competent and specific questions.
6. I expect that each student not be scared of the course simply because it is a math course and to try and have a great semester learning mathematics together.

Just as I have expectations for my students, the students should have expectations of me. Following are some things that you should expect from me as your recitation instructor.

1. Students should expect that I come to each class prepared; that is, I have a complete understanding of the material to be discussed and that I can solve all of the problems to be discussed that day.
2. Students should expect that I act professionally and that I treat each student fairly and with the upmost respect.
3. Students should expect that I return graded assignments quickly and that I grade all assignments fairly and consistently.
4. Students should expect that I am available during my scheduled office hours and am prompt for all scheduled meetings with students.

5. Students should expect that I am approachable and am willing to work hard to help them learn the concepts at hand.
6. Students should expect that I respond to emails promptly and address all matters contained in a students email.

Final Note: This semester I will be serving as one of your guides through the course of Precalculus. I hope that you find me approachable and that you are not scared of this course. The best way to succeed is to stay on top of the material from the beginning. You will not succeed in mathematics if you do no work and then try to learn everything the night before the exam. I am here to help you and I want each student to know that I want them to succeed in this course and that each of you are capable of succeeding. Let's make this semester the best semester yet and have a good time learning mathematics together.