

Math 105 – Fall 2010 – Section 001

Data, Functions, and Graphs

Instructor: Gerardo Hernández **Office:** 4828 East Hall **Class schedule:**
Email: gerahdez@umich.edu **Office Hours:** - M 8:30 am-10:00 am (524 Denn)
- M 10:00 am-11:00 am - W 8:30 am-10:00 am (524 Denn)
- F 10:00 am-11:00 am - F 8:30 am-10:00 am (524 Denn)
Phone : 734-936-4564 **Math Lab Hour:**
- W 11:00 am - noon
(B860 East Hall)

Text: *Functions Modeling Change* by Connally, Hughes-Hallett, Gleason, et al., 3rd Edition.
Please bring your text to class each day.

Calculator: TI-84 or equivalent. If you have another model, you will be responsible for knowing how to use it. Bring your calculator to class each day and to the Uniform Exams. Note that calculators with a “qwerty” keyboard will not be allowed for quizzes or exams.

Course Website: <http://www.math.lsa.umich.edu/courses/105/>

This site has important information including the Student Guide and homework assignments. It will be updated with other information (e.g. exam rooms) as the semester progresses.

Homework: Daily homework will be assigned from each section that we cover, and these assignments will be completed online. In order to do well in this class, you must keep up with the daily assignments. This web homework will count for 5% of the Uniform Component of your grade. In addition, you will be given regular team homework assignments, and a large portion (60%) of the Section Component of your grade will be based on these group assignments. We will discuss the team homework arrangements further in the second class.

Quizzes: There will be a short quiz almost every week. No make-ups will be given, but I will drop your two lowest quiz scores when I compute your final grade. Quizzes will count for 40% of the Section Component of your grade.

Uniform Exams: First Exam: Monday, October 11 6 - 7:30 pm
Second Exam: Monday, November 15 6 - 7:30 pm
Final Exam: Friday, December 17 8:00 - 10:00 am

Dates for the exams are fixed. Make plans NOW to be certain these dates are in your calendar. Generally, only students with a regularly scheduled class are accommodated at an alternate time. Anyone with a regularly scheduled class during these times should let me know as soon as possible. Note that travel is *not* a sufficient excuse to have an exam scheduled on a different day.

Gateway Exam: To help you reinforce prerequisite concepts, we require you to pass a proctored exam by September 29. More details are available on the course website. Students may practice the gateway from any computer at any time (and many times) during the open dates. You are strongly encouraged to take a practice exam as soon as possible.

Other Important dates:

Last day to drop without a ‘W’ Monday, September 27
Gateway Deadline Wednesday, September 29 (Start practicing now)
Fall Study Break (no class) Monday-Tuesday, October 18-19
Thanksgiving Break (no class) Wednesday, November 24

Grading Policy: All sections of Math 105 use the same grading guidelines to standardize the evaluation process. A complete explanation of the grading policy is given in the Student Guide on the course website. Look under the heading “Grading System”.

Uniform Course Component: The uniform course component of your grade is determined by three uniform exams and web homework as follows:

- 25% Exam I
- 30% Exam 2
- 40% Final Exam (Cumulative)
- 5% Web Homework

The section component of your grade will be broken down as follows:

- 60% for group homework assignments
- 40% for in-class quizzes

Math Lab: Free tutoring from the Mathematics Department in East Hall B860. **Team Homework policy:** At least two or more members of the group must be present when asking for help on team homework problems.

Hours:	Monday through Thursday	11:00 am – 4:00 pm and 7:00 pm – 10:00 pm
	Friday	11:00 am – 4:00 pm
	Sunday	7:00 pm – 10:00 pm

Class Policies: In order to help everyone (including you!) have a good learning experience, it is important that students respect others in the classroom by limiting outside disturbances. Please turn off your cell phones and remove headphones. You will gain the most from this course if you regularly attend class and actively participate. Please raise your hand to ask and answer questions and be quiet and respectful when others are talking. If you miss class, please contact me, or a fellow classmate, to find out what you have missed. If you will be late or must leave early from a particular class, I would appreciate knowing this in advance as well. You are expected to read the appropriate text before coming to class. In order to fully understand the material and do well in the course, it is vital that you stay on top of your reading and homework assignments. Thank you for your help!

Expectations: You may find this course to be different from the mathematics courses you have taken in the past. You are expected to spend two hours working on math outside of class for each credit hour. In this case, that means eight hours a week. You are expected to read the appropriate text before coming to class. In order to fully understand the material and do well in the course, it is vital that you stay on top of your reading and homework assignments.

Note: Any student with a documented disability should contact me as soon as possible so that we can discuss arrangements to fit your needs.

Please feel free to ask me any questions. I look forward to working with you!