

Math 115, Section 011, Calculus I, Fall 2005

January 4, 2007

1 Infomation at a Glance

Title:	Math 115-011, Calculus I
Time and Place:	MWF, 11:30 to 1:00, 637 Dennison
Prerequisites:	(See undergraduate math office.)
Text:	<i>Calculus: Single Variable</i> , 4e Hughes-Hallett, Gleason, McCallum, et al.
Calculator:	TI-83, TI-84 or equivalent is required.
Course web Page:	http://www.math.lsa.umich.edu/courses/115/
Section web Page:	http://www.eecs.umich.edu/~martinjs/math115/
Instructor:	Assistant Professor Martin J. Strauss
Office/Phone:	3063 East Hall, +1-734-763-3005
Email:	martinjs@umich.edu
Office Hours:	Weds, 2-3, in Math Lab (B860 East Hall). More hours to be determined. Also available by appointment.

2 Special Circumstances

Any special circumstances must be brought to the instructor's attention with ample advance warning. Depending on the circumstance, approval may be needed from the course coordinator overseeing all sections of 115. Students requiring accomodation of a disability need to get a note from the appropriate University office.

3 Math Lab

The Math Lab is located in B860 East Hall. The Math Lab has qualified tutors to help you with math problems. The Math Lab opens Monday, January 8 and remains open through the last regular class day, Tuesday, April 17. The Math Lab is not open during the final examination period. Its url is <http://www.math.lsa.umich.edu/undergrad/mathlab/>

4 Calculators

TI-83, TI-84 or equivalent is required; calculators other than the TIs must be approved. Some weaker calculators may not be useful enough. Some stronger calculators may not be allowed in exams.

5 Student Guide

The student guide, at <http://www.math.lsa.umich.edu/courses/sg/>, contains detailed policy information.

6 Grading

Grading is based on three components, a *uniform* component, a *sectional* component, and the *Gateway Test*. For the majority of students, the final grade is based solely on the uniform component, which is your scores on two midterms and the final, weighted as follows.

25%	First midterm	Tuesday, February 6	6-8:00 pm
35%	Second midterm	Tuesday, March 27	6-8:00 pm
40%	Final (cumulative)	Friday, April 20	10:30-12:30

All students in 115 will take the same exam at the same time. It is unlikely that alternate arrangements can be made.

The sectional component of your grade is based on Team homework (50%), Quizzes (25%), and Individual Homework (25%). If you do most of the assigned homework and quizzes, your final grade will be the grade from the uniform component or may, in unusual cases, be raised or lowered from that by a third of a letter grade (e.g., between “B+” and “A–”) to account for unusually weak or strong test takers. If your sectional work is incomplete or indicates cheating, your grade may be lowered by more than a third of a letter grade. The instructor retains some discretion about assigning grades.

The Gateway Test covers formulaic manipulation. If you do not pass this test before the deadline of Wednesday, March 21, your final grade will be reduced by a full letter grade.

Proctored, computerized, Gateway exams are administered in the gateway lab (B069 EH) and may be taken no more than twice per day. Students may practice the gateway from any computer at any time (and many times) during the open dates for the exam.

6.1 Quizzes

There will be no more than one quiz per week, during class time. Missed quizzes cannot be made up, but two missed quizzes or the two quizzes with lowest grades are disregarded when assigning grades.

6.2 Homework

There are two types of homework, *Individual Homework* and *Team Homework*. Individual homework is assigned on a daily basis. It is mostly done via Webwork (<http://instruct.math.lsa.umich.edu/courses/115/webhw/>). *Team Homework* is assigned weekly to teams of four and is collected and graded. Homework assignments can be found at <http://www.math.lsa.umich.edu/courses/115/3assignmentsF06.html>.

Reading assignments should be done ahead of class. Class discussion will build on textbook material and will not repeat everything in the textbook. As a guideline, roughly eight to ten hours per week of time outside class is expected.