Math 115 – Section 021 – Fall 2018

Instructor: Eloísa Grifo **Email**: grifo@umich.edu **Office**: East Hall 4843

Class schedule:
- Monday 10–11:20 (3302 MH)
- Wednesday 10–11:20 (3302 MH)
- Friday 10–11:20 (3302 MH)

Office Hours:
- Monday 2:30–3:30 pm
- Wednesday 3–4 pm (in the Math Lab)
- Thursday 2–3 pm

Course Description (from the Math 115 course website): The course presents the concepts of calculus from four points of view: geometric (graphs), numeric (tables), symbolic (formulas), and verbal descriptions. Students will develop their reading, writing and questioning skills, as well as their ability to work cooperatively. Topics include functions and graphs, derivatives and their applications to real-life problems in various fields, and an introduction to integration.

Text: *Calculus: Single Variable* by Hughes-Hallett, Gleason, et al., <u>7th</u> Edition, published by John Wiley and Sons. ISBN 9781119426264.
You *must* keep up with the reading assignments. Please bring your text to class every day.

Calculator: TI-84 or TI-Nspire or equivalent. If you have a model other than the TI-84, you will be responsible for knowing how to use it. Bring your calculator to class each day and to all exams. Note that networked devices and calculators with a "QWERTY" keyboard will not be allowed for quizzes or exams.

Other Electronic Devices: It is a coursewide policy that laptops, smartphones, cell phones, iPods, iPads, tablets, and other electronic devices may NOT be used by students during class.

Course Website: `http://www.math.lsa.umich.edu/courses/115/`
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.
This section will also have a Canvas page at `http://canvas.umich.edu`.

Email: You are responsible for information contained in course email messages sent to your official "umich.edu" email address. Please check your email regularly.

Homework: The only way to really LEARN mathematics is to DO mathematics. Along with the math you will do during class, <u>web homework</u> (WeBWorK) will be assigned from each section that we cover. These assignments are accessed and completed online. (There is a link on the Course Website.) In order to do well in this class, you **must** keep up with these assignments. The deadlines are firm. The online assignments will usually be open for about a week and those from Chapter 2 on will count for 5% of the Uniform Component of your grade. (The assignments for Chapter 1 will together count as one quiz grade.)
None of these scores will be dropped.
In addition, you will be given regular <u>team homework</u> assignments, and a large portion (50%) of the Section Component of your grade will be based on these assignments. We will discuss team homework arrangements, policies, and expectations further later in class.

Quizzes: There will be a short quiz in class 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 30% of the Section Component of your grade.
The first quiz will be in class on Monday, September 10, and will cover the information contained in the online course syllabus and student guide, this handout, and the online team homework tutorial.

Uniform Exams:

First Exam (25%):   Monday, October 8   8:05 (sharp)- 9:35 pm.

Second Exam (30%): Monday, November 12 8:05 (sharp)- 9:35 pm.

Final Exam (40%):   Friday, December 14   10:30 am (sharp) - 12:30 pm.

Make plans NOW to be certain these dates are in your calendar. Anyone with a regularly scheduled class during these times should let me know immediately. Note that travel is *not* a sufficient excuse to have an exam scheduled on a different day. Missing an exam with an unapproved or undocumented excuse *will result in a grade penalty* in the course.

Gateway Exam: There will be one gateway exam in this class (covering differentiation rules). The gateway will be open between Monday, October 22 and Tuesday, November 6. Students will lose a whole letter grade (on their grade for the course) for failing to pass the proctored gateway during the open period. The Gateway exam has to be passed at the Gateway Lab (EH B069). More details are available on the course website, and this will be discussed further in class.

Grading Policy: All sections of Math 115 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".

Academic Integrity: According to the *LSA Community Standards of Academic Integrity*, the College "prohibits all forms of academic dishonesty and misconduct. Academic dishonesty may be understood as any action or attempted action that may result in creating an unfair academic advantage for oneself or an unfair academic advantage or disadvantage for any other member or members of the academic community." Do NOT cheat. If you cheat in this class, you risk failing the course. If you have any questions about what is, or is not, allowed in this course, please ask.

In Class: You are required to come to class. Students who do not attend class rarely succeed in this course. If you must miss class for any reason, it is your responsibility to get notes from a classmate and catch up on the material. You are also responsible for the information given in any announcements made during class. A few points to remember:

- Bring your book and calculator to class every day, and come prepared to work and participate. (This includes doing the assigned reading and homework before arriving to class.)
- Participate in all class activities, including in-class group work, presentations, and discussion.
- Come to class on time and do not leave early. If for some reason you absolutely have to arrive late or leave early, please let me know in advance and do so discretely.
- Treat your peers and instructor with respect and abide by all course policies.

Participation will count for 20% of the Section Component of your grade; to receive full credit you must attend class regularly, arrive on time and actively participate in all in-class activities.

Math Lab: Free tutoring from the Mathematics Department in East Hall B860.

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

Accommodations for Students with Disabilities: If you think you need an accommodation for a disability, please let me know as soon as possible. In particular, a Verified Individualized Services and Accommodations (VISA) form must be provided to me at least two weeks prior to the need for a test/quiz accommodation. The Services for Students with Disabilities (SSD) Office (G664 Haven Hall; http://ssd.umich.edu/) issues VISA forms.

Final Note: I look forward to working with and getting to know you all. It should be an interesting, fun, and rewarding semester. If you have any questions or concerns during the semester, please do not hesitate to contact me.