MA 137: Calculus I for the Life Sciences Spring 2014

Please read this syllabus carefully. It contains essential information about the course organization, grading, tests, etc. If you need more explanation on an issue not covered here or on the course webpage, please do not hesitate to ask me.

Email Policy: Include "MA 137" in the subject of any course-related email, or it may get misplaced by email filters.

Communicating with others in a clear and professional manner is an essential skill. An email to your instructor, TA, or any member of the faculty/staff should always include a salution, a body, and a closing. Proper grammar, spelling, and punctuation is also expected. Emails that fail to meet these standards will likely not receive a reply.

Course Help: If you find you are having some difficulties with the course, get help as soon as possible. The TAs and I should be your first resource. If the posted office hours do not work with your schedule then you should ask about making an appointment.

Additional help can be found from faculty members, graduate students, and undergraduate students available in the Mathskeller, CB 063, M-F, 9-5, http://www.mathskeller.com.

Other resources (like *The Study*, your math major roommate, or whatever) can also be good, but not nearly as good as the other resources listed above.

Grading: You will be evaluated in the course in the areas below, weighted by the given percentages.

Project	6%
Homework	20%
Exams x3	18% each
Final	20%

Your overall letter grade will be based on the following percentages (rounded to the nearest whole percent):

А	90%- $100%$
В	80%- $89%$
С	70%- $79%$
D	60%-69%
Е	0%- $59%$

Projects: This portion of your grade will be earned by completing a written project that applies some of the ideas learned in this course to a relevant situation. You must work with 1-2 partners on each **project!** The project is designed to take several hours of individual work and you will be given about a month to complete it.

Homework: Written and online assignments will be assigned for nearly every section that we cover in the text. Online work will typically be due at 9 PM, while written assignments are due at the **beginning** of class on the due date. Late work will not be accepted.

Exams: There will be three exams during the semester, and a cumulative final exam. The semester exams are taken during lecture. The tentative dates for the exams are:

Exam 1 Wednesday, February 12Exam 2 Wednesday, March 12Exam 3 Wednesday, April 16

The final exam is scheduled for Monday, May 5, at 10:30 AM.

UK Core: This course satisfies the *Quantitative Foundations* requirement of the UK Core General Education program, http://www.uky.edu/GenEd.

Excused Absences: University Senate Rule 5.2.4.2 defines the following as acceptable reasons for excused absences:

- 1. serious illness
- 2. illness or death of family member
- 3. University-related trips
- 4. major religious holidays

Be prepared to supply documentation if you miss a homework deadline or exam due to an excused absence. Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day for adding a class. It is almost always possible to notify your instructor of an excused absence before class. Students who have excused absences due to University-related trips or major religious holidays must inform the instructor prior to the absence and must complete all work prior to the absence. Students who are ill must inform the instructor of their absence(s) as soon as they return to class and they must provide documentation to demonstrate that the absence(s) was excused. Students who have excused absences due to illness or the death of a family member will be allowed to make up any missed work in a timely manner. These arrangements must be made with the instructor on a case-by-case basis.

Academic Integrity, Cheating, and Plagiarism: You should feel free to study with friends, but any work you submit for a grade should be your own work.

Academic dishonesty, in any form, will not be tolerated. This includes, but is not limited to, copying a classmate's work, allowing a classmate to copy your work, modifying an exam after it has been handed back in an attempt to deceive the instructor into believing the assignment was graded incorrectly. A student found guilty of academic dishonesty will receive an automatic 0 on the assignment, and in some cases the offense may lead to an E for the course, academic probation, or even expulsion. See sections 6.3.1 and 6.3.2 at www.uky.edu/StudentAffairs/Code/part2.html for more information regarding academic integrity.

Disability Accommodations: If you have documented disability that requires academic accommodations, please see me as soon as possible. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 859 257 2754, email address jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities. **Suggestions:** Constructive suggestions for this course are welcome at any time. I welcome suggestions that will improve the course both this semester and in semesters to come. If you have any concerns, please bring them to my attention first. Further recourse is available through the office of the Department Ombud and the Department Chair. Both the Ombud and the Chair can be reached from the main office in POT 719.

Classroom Behavior, Decorum, and Civility: Attending class is more than simply showing up; it also means actively participating. I expect that you will be respectful of yourself and others. Please turn off your cell phones when you enter class. Please do not work on other classes during class. Please do not surf the internet during class. Please do not read the newspaper during class, work on Sudoku, etc. during class. Please do not sleep during class. Please do not talk or whisper during lecture unless the instructor has given you the floor. In a classroom it is difficult for other students and the instructor to hear if there are several little conversations taking place at the same time.

The university, college and department has a commitment to respect the dignity of all and to value differences among members of our academic community. There exists the role of discussion and debate in academic discovery and the right of all to respectfully disagree from time-to-time. Students clearly have the right to take reasoned exception and to voice opinions contrary to those offered by the instructor and/or other students (S.R. 6.1.2). Equally, a faculty member has the right—and the responsibility—to ensure that all academic discourse occurs in a context characterized by respect and civility. Obviously, the accepted level of civility would not include attacks of a personal nature or statements denigrating another on the basis of race, sex, religion, sexual orientation, age, national/regional origin or other such irrelevant factors. Students who are not respectful, not civil, or disruptive in any way may be asked to leave the class.

Important Semester Dates:

The following is a list of important dates for the semester:

- Wednesday, January 15: First day of classes
- Monday, January 20: MLK Jr. Birthday (academic holiday)
- Wednesday, January 22: Last day to add a class
- Wednesday, February 5: Last day to drop a class without receiving a grade
- Monday, March 10: Midterm of Fall 2013 Semester
- March 17–22: Spring vacation (academic holidays)
- Friday, April 11: Last day to withdraw from a class
- Friday, May 2: Last day of classes