COURSE GUIDE

Math 240 Section 2, Fall 2010

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LECTURE: Tu, Th 10:30-12, in DRL A1

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by D.G. Zill and M.R. Cullen
Calculus Manual for 240/241
optional: Maple software.

OFFICE HOURS: Please make use of the office hours, both of your TA and your professor! It will also help us to get to know you better.

OTHER HELP: Besides the office hours, there is lots of help available for both Calculus and Maple, see e.g. http://www.math.upenn.edu/ugrad/Undergrad.html. Information about this help can also be found on pages 3-8 of the Calculus Manual, but in general the information on the Web is more up to date.

CORE PROBLEMS, PROBLEMS FROM PAST FINALS: Since there is much material to cover in Math 240 and more problems to work through than we have time to cover in lecture or recitation, we have chosen a list of core problems to help define the course, which you can find in the Calculus Manual or on the web at http://www.math.upenn.edu/ugrad/calc/m240. In addition you will find problems from past final exams in the back of the Calculus Manual or on the web. Together, the core problems and past finals define both the material of the course and the level of difficulty expected in exams. Your objective is to understand thoroughly how to solve them and to develop some facility with the underlying mathematics.

RECITATION: During each recitation (except for those weeks when midterms are given) there will be a 5 minute quiz with problems similar to the homework assignment which is due that week. There will be NO MAKE UP QUIZZES; however, you will be
allowed to drop your lowest quiz grade (which could be an absence). Recitations will begin with a discussion of the assignment due. The quiz will be given in the last 5 minutes of the period.

HOMEWORK: Each week’s assignment will consist of the relevant core problems, additional problems, and sometimes problems from past final exams. The assignment will be given each Thursday and can be found on the web on my home page at http://www.math.upenn.edu/~wziller/math240f10/homework.html. Solutions must be written LEGIBLY and turned in by Friday 4pm, the following week, to your TA. The whole assignment is checked for completeness, but not graded. Unless you write down all the solutions you will not learn the material! No late homework assignments will be accepted but the lowest homework grade will be dropped.

MAPLE: Maple will not be a required part of the homework, and no Maple will be on any of the exams. But I encourage you to learn some of the Maple commands as we go along and check your homework that way. You can ask any one of us if you have difficulties with Maple. Also see http://www.math.upenn.edu/ugrad/maple/ for suggestions and help with Maple.

EXAMS: There will be two in class midterms; the first on Thursday October 7, and the second on Tuesday November 16. All sections of Math 240 will have a common final exam which is tentatively scheduled for Friday December 17, 9-11am. No calculators or cell phones or other aids are allowed during the exams. One sheet of paper with formulas or important facts will be allowed.

COURSE GRADE: The course grade is made up of 2 midterms at 20% each, quiz and homework grade at 20%, and the common final exam at 40%.

NOTE: Incompletes (I's) will not be given to avoid F’s. In case you cannot make the final, for medical reasons or other, documented by a doctors note, a makeup exam is given at the beginning of the next semester.