Math 205C
Spring 2005
R. Schultz

GENERAL REMARKS

There is a separate course outline that lists the course topics and keys them to the course text (Conlon, *Differentiable Manifolds, Second Edition*).

Contact information. My office is Surge 221, and it is around the corner from the Department's administrative front desk (Surge 202). Normally I am available in my office between 9:30 and 10:30 on Wednesdays, and at other times by appointment. My telephone number is 951-827-6459 (as usual, suppress the area code from inside the 951 region, and also replace the 827 by a 2 if calling from an extension at UCR). Another highly recommended option is electronic mail; my full address is `schultz@math.ucr.edu` or simply `schultz` if you are logged into one of the Department's computers. Use of electronic mail is often easier than trying to play telephone tag. IMPORTANT: The default filters for electronic mail on the Department network are not very restrictive and I receive an enormous amount of garbage in my electronic mailbox (at least 100 per day most of the time!). Therefore I **strongly recommend** that you include something like Math 205C in the subject heading so that your message does not get inadvertently deleted without being read. Also, since the authors of junk messages often use only capital letters in their subject headings, this should be avoided as well.

Grading policy: There will be two in-class examinations, a midterm which will count 30 per cent, and a final which will count 45 per cent. There will be two written assignments that will count 25 per cent (probably the first will count for 10 per cent and the second for 15). Students are responsible for knowing how to do all the exercises listed on the course homework file.

Course handouts and notes: All printed handouts for the course will be available on the Department computer network in the directory `~res/math205C`. These include a copy of this handout, the course outline, the course notes, the homework assignments (and their solutions with some restrictions), and various files containing supplementary material. Please note that the directory `m205C` contains materials for a previous offering of the course and is **not** the right one for this course. Most files are available in dvi, PostScript, and Acrobat PDF formats; these can be read from the Department's Unix computers using the commands `xdvi`, `ghostview` and `acroread` respectively. Files with pictures are usually not available in the dvi format, but in many cases there are Microsoft word (`doc`) or `jpg` versions in the directory. All files int the course directory can also be printed for use in connection with studies in this department, but this is the only purpose for which printing is appropriate. If you wish to view or download `ps` files from a PC but there is no software for doing so, you can obtain the standard PostScript viewer Ghostview from the following site:

`http://www.cs.wisc.edu/~ghost`

IMPORTANT: Please contact me immediately if you have problems viewing or printing out any of the files in the course directory.

Class sessions: Student questions are encouraged. Please do not hesitate to ask questions, especially if you do not understand something or if something in the lecture seems wrong — even if everyone else seems to understand.

Questions on homework are generally best answered at the beginning of class. In general these are encouraged, but in some cases it might be necessary to limit such question periods.