Math 153
Spring 2005
R. Schultz

GENERAL REMARKS

There is a separate course outline that lists the course topics and keys them to the course text (Burton, *A History of Mathematics*, Fifth 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 `reinhard.schultz@ucr.edu` or else simply `schultz` if you happen to have an account on the departmental network and 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 153 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, each of which will count 20 per cent of the course grade, three quizzes in the discussion sections that will count for 5 per cent each, a final examination that will count for 35 per cent, and homework that will count for 10 per cent.

Students are responsible for knowing how to do all the exercises listed on the course homework file.

Schedule of quizzes and examinations. The three quizzes will be given on April 12, May 3 and May 31 (all Tuesdays). The midterm exams will take place on Friday, April 22, and Wednesday, May 18. The final examination is scheduled for Thursday, June 9, from 11:30 A.M. to 2:30 P.M.

Course handouts and notes: All printed handouts for the course will be available on the Department computer network and from the web site

`http://www.math.ucr.edu/~res`

in the subdirectory `math153`. These include a copy of this handout, the course outline, the course notes, the homework assignments, and various files containing supplementary material. All files are available in PostScript and Acrobat PDF formats, and many are also available in Microsoft Word. The `pdf` versions can be opened, downloaded, read or printed with the free Acrobat readers that are available or easily downloadable on most PC's these days, but the quality of the output is sometimes disappointing because of the software itself and the problems with the local software for converting files to this format from PostScript. The `ps` and `doc` (= Word) files are more reliable. The standard software for reading PostScript files is called GhostView. It might not be on a PC you are using, but free copies are available from the web site

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

in formats for PC's and other relatively standard operating systems like the Macintosh system and Unix.

IMPORTANT. (1) *Please contact me immediately if you have problems viewing or printing out any of these files.*

(2) *These files are only intended for classroom purposes and are not meant for widespread public circulation.*

Discussion sessions: In addition to the three meetins with the primary instructor each week, the class is split into two discussion sections that are scheduled for one hour each week, one of which (Section 02) meets at at 8:10 Tuesdays in WAT 2240 and the other (Section 03) meeting at at 9:10 Tuesdays in SPR 2365. The instructor is Mr. Eric Overholser. Further information will be made available at discussion section meetings.

Primary 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 or review 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.