Math 009C
Section 001
Winter 2006
R. Schultz

GENERAL REMARKS

This is the final course in a three quarter sequence covering single variable calculus. The text for the course is the Tenth Edition of *Thomas' Calculus*, by Finney, Weir and Giordano (Addison-Wesley, 2002; ISBN 0-201-75527-0). In this course Sections 7.6–7.7, 8.1–8.8, 6.4–6.6 and 9.5–9.6 will be covered (but parts of Sections 6.6 and 8.2 will not be covered).

Contact information. My office is Surge 221, and it is around the corner from the Department's administrative front desk (Surge 202). Normally I should be available in my office between 10 and 11 on Fridays, 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`. 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 (100 per day sometimes!). Therefore I **strongly recommend** that you include something like Math 9C 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 three in-class examinations, the first of which will count 25 per cent of the course grade and the last two of which will count for 30 per cent of the grade. There will also be three quizzes in the discussion sections that will count for a total of 15 per cent. No books, notes or calculators are allowed for examinations or quizzes. You should bring your UCR identification card to each examination or quiz (there might be identification checks). Most questions will be problems from the assignment sheets, examples from the text or lectures or discussion classes, or modifications of these.

Schedule of quizzes and examinations. The three examinations will be given on February 1, February 27 and March 17 (the first is a Wednesday, the second is a Monday and the third is a Friday). The three quizzes are tentatively scheduled for January 17, February 7 and March 7 (all Tuesdays). Coverage for examinations and quizzes will be announced later. Part of the third examination will be cumulative (but in any case it will not be longer than the first two).

Online course materials: All printed handouts and announcements for this course are available online at the World Wide Web site

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

in the subdirectory `math9C`. These include a copy of this handout, the homework assignments, and course announcements that will be added as the course progresses. These files are available in Acrobat PDF formats, and some 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 (versions are available for virtually every type of computer system currently in use).

IMPORTANT. *Please contact me promptly if you have problems viewing or printing out any of these files.*

It is particularly important that you access a copy of the course assignment sheet

`math9Cassignments.*`

because selected problems from these lists are likely to appear on examinations or quizzes.

Class sessions: In addition to the regular weekly lecture schedule, there are four discussion sections that are scheduled for one hour each week. Further information will be made available at discussion section meetings.

Students are expected to attend all classes, both lectures and discussions. Missing class can seriously affect your course grade. It is important to keep up with the course and finish homework assignments in a timely manner. Preparing for the lectures by reading the book before class is strongly encouraged, as are taking notes and asking questions during class if you do not understand something or if something in the class seems incorrect – even if everyone else seems to understand what is going on (if there is not time to answer some questions during class, arrangements can be made to do so afterwards). It is essential to attempt the homework problems before going to discussion. Solving many problems is the best way to solidify your understanding of mathematics and to prepare for examinations. **If you find you can't do something ask for help.**

Some online resources that might be helpful are given in the document `onlinehelp.*` in the course directory.

Disability issues: Students who have been certified as eligible for academic adjustments under existing laws should contact the primary instructor within the next week with the necessary supporting materials. Further information on campus services for students with disabilities is available at the following sites:

`http://www.specialservices.ucr.edu/swd/default.html`

`http://www.specialservices.ucr.edu/swd/aboutus.html`