MATH 2200 Sets and Real Numbers
Fall 2006

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Office Hours: Mondays 2:30 - 3:30 and Tuesdays 1:30 - 2:30 (or by appointment)

Textbook: Introduction to Real Analysis, R.G. Bartle and D.R. Sherbert (3rd edition)

Approximate Course Outline:

Topics	Chapters from Bartle, Sherbert
Preliminaries	Chapter 1
Real Numbers	Chapter 2
Sequences	Chapter 3
Limits	Chapter 4
Continuous Functions	Chapter 5

The order of the topics may differ from the one above. Not every section of the listed chapters will be covered.

Calculation of Final Grade:

Assignments: There will be four assignments (tentative dates are Sept. 22, Oct.6, Nov. 8, Nov.24). Each assignment is worth 6% of your final grade, for total of **24%**. Late assignments receive a grade of zero.

Test: October 20,   worth **26%**

The **final examination** will be worth **50%** of the final grade.

The **Voluntary Withdrawal** deadline is November15.

The Department of Mathematics, the Faculty of Science and the University of Manitoba regard acts of academic dishonesty in quizzes, tests, examinations or assignments as serious offenses and may assess a variety of penalties depending on the nature of the offense.

Acts of academic dishonesty include bringing unauthorized materials into a test or exam, copying from another student, plagiarism and examination personation. Students are advised to read section 7 (Academic Integrity) and section 4.2.8 (Examinations: Personations) in the "General Academic Regulations and Requirements" of the current Undergraduate Calendar. *Note, in particular that cell phones and pagers are explicitly listed as unauthorized materials, and hence may not be present during tests or examinations.*

Penalties for violation include being assigned a grade of zero on a test or assignment, being assigned a grade of "F" in a course, compulsory withdrawal from a course or program, suspension from a course/program/faculty or even expulsion from the University. For specific details about the nature of penalties that may be assessed upon conviction of an act of academic dishonesty, students are referred to University Policy 1202 (*Student Discipline Bylaw*) and to the Department of Mathematics policy concerning minimum penalties for acts of academic dishonesty.

The *Student Discipline Bylaw* is printed in its entirety in the Student Guide, and is also available on-line or through the Office of the University Secretary. Minimum penalties assessed by the Department of Mathematics for acts of academic dishonesty are available on the Department of Mathematics web-page.

All Faculty members (and their teaching assistants) have been instructed to be vigilant and report incidents of academic dishonesty to the Head of the Department.