MATH 451, ADVANCED CALCULUS I, Section 2
Fall Term, 2005
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SYLLABUS

We will cover most of the text book by Kenneth A. Ross, *Elementary Analysis: The Theory of Calculus*. To give you an idea of the rate at which we will go through the text, topics of the chapters and the approximate number of lessons on each chapter are given in the following table.

# of Lessons	Chapter	Topic
5	Chapter 1	Natural numbers, integers, rational, and real numbers
8	Chapter 2	Sequences and Series of Numbers
6	Chapter 3	Continuous functions
5	Chapter 4	Sequences and Series of Functions
6	Chapter 5	Differentiation
6	Chapter 6	Integration