MATHEMATICS 3360 SYLLABUS
Fall 2002
TR 8:30 – 9:45
MMS 110

Instructor: Dr. Saber Elaydi
Office: MMS 115D
Office Hours: MWF 3:00 – 5:00
                T   10:00 – 12:00
Phone: 999-8246
E-Mail: selaydi@trinity.edu
Text: *Elementary Analysis: The Theory of Calculus* by K. Ross

Course Description: The main objective of the course is to study calculus with great care and mathematical rigor. The course will cover the three basic concepts in analysis: continuity, differentiation and integration. This is done through developing the theory of sequences (Chapter 2). The level of difficulty will increase considerably once we move from the use of algorithms to the foundation of those algorithms. Something as simple as computing a limit can change from a "plug and chug" operation to a challenging, perhaps, even formidable problem.

Grades: There will be regular homework assignments, which will be collected and graded. There will be three tests and a final.

   Course Grade = $0.20 (T_1 + T_2 + T_3) + 0.15$ (Homework Average) + 0.25 (Final Exam Score)

Schedule of Tests:

Test I	Thursday, September 26, 2002
Test II	Thursday, October 24, 2002
Test III	Thursday, November 21, 2002
Final Exam	Tuesday, December 17, 2002, 8:30 – 11:30