



MA 507-51

Applicable Mathematics I

Semester: Fall 2000

Instructors: Richard Hitt, Professor of Mathematics

Office Hours: MWF 2:15–3:00, MW 5:30–6:00, T 1:20–2:00, and by appointment in ILB 306 (enter via ILB 325). MTWF and by appointment in ILB #306.

Phone: (334) 460-6755 is a direct line into my office. If I am not in, you can leave a message on my voice mail. If you need to speak to a secretary, you should dial 460-6264 and press 0 at the voice prompt.

E-mail: My electronic mail address is hitt@mathstat.usouthal.edu. This is a good way to get in touch with me.

Web Page: I will maintain a course web page that will contain information on class meetings and homework assignments. You can access it by starting at my web page <http://www.mathstat.usouthal.edu/hitt> and clicking on the course number in my schedule.

Class Meeting: MW 6:00 – 7:15 ILB 430.

Text: *Advanced Engineering Mathematics*, Second Edition, by Michael D. Greenberg.

Coverage: We will cover material selected from chapters 1 – 7.

Prerequisite: Nothing formal, although the typical students in this course have graduate status in the College of Engineering and have undergraduate calculus and differential equations in their backgrounds.

Technology: I will use a TI-89 calculator and a computer with Maple software for in-class demonstrations. Assignments will be made that require the use of Maple (or some other computer algebra package).

Grading: There will be two in-class tests, each counting as 25% of the course grade. The final exam (Monday, December 11, 6:00 PM – 8:00 PM) will be cumulative, and will count as 35% of the course grade. The remaining 15% of the grade will be derived from quizzes and homework/project/writing assignments. Additional information on class projects will be distributed later in the semester. There are no make-up tests or quizzes. Late homework and projects can be accepted only with a compelling hard-luck story. If you miss a test and have a valid excuse, a grade for that test will be extrapolated from the part of the final exam which covers the missed test. Unless otherwise announced, the cut-off points for the letter grades A, B, C and D are 90%, 80%, 70% and 60%, respectively.

Audit: If you are auditing the class, you will receive a grade of UA (unsatisfactory audit) if, in my judgement, you do not consistently attend class.

Note: Any student with a qualified handicap which requires accommodations should talk with the instructor after class so that arrangements can be made. A student must verify that he/she has a qualified handicap through the Special Student Services Office (460-7212).