MA 110-06
Finite Mathematics

Semester: Fall 2002

Instructor: Richard Hitt, Ph.D., Professor of Mathematics

Office Hours: TR 8:20 AM - 9:30 AM, 1:45 PM - 2:30 PM, and by appointment in ILB 306 (accessible through ILB 325).

Phone: (251) 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 (zero) at the voice prompt.

E-mail: My electronic mail address is `hitt@jaguar1.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.rhitt.com` and following the links.

Class Meeting: TR 9:30 AM - 10:45 PM in ILB 405.

Text: *Mathematics: A Practical Odyssey*, Fourth Edition, by Johnson and Mowry.

Coverage: We will cover most of the sections in Chapters 1 – 4. See the course home page for the details.

Prerequisite: Two years of high school algebra (I & II) and a year of geometry.

Tutoring: The Department of Mathematics and Statistics provides free tutoring in ILB 456 beginning the second week of classes. A schedule of hours for the tutoring lab will be posted on the bulletin board outside ILB 325.

Calculator: A basic scientific calculator is required, but won't be needed until around the end of the second week of classes.

Description: [Taken from the *2002-2003 Undergraduate/Graduate Bulletin*] This course is intended to give an overview of topics in finite mathematics together with their applications. The course includes logic, sets, counting, permutations, combinations, basic probability, descriptive statistics, matrices and their applications. Students are required to have a scientific calculator.

Objectives: The goal of this course is to introduce a few of the main ideas in finite mathematics and to practice applying them to real-world examples.

Grading: There will be two in-class tests, each counting as 25% of the course grade. The final exam (Tuesday, December 10, 10:30 AM – 12:30 PM) will be cumulative, and will count as 35% of the course grade. The remaining 15% of the grade will be derived from short quizzes. The lowest such grade is dropped. There are no make-up tests or quizzes. If you miss a test, a grade for that test will be extrapolated from the part of the final exam which covers the missed test. (Note: You cannot choose to miss a test after you have received the test in class.) Unless otherwise announced, the cut-off points for the letter grades A, B, C and D are 90%, 80%, 70% and 60%, respectively.

Notes: If you have a specific disability that qualifies you for academic accommodations, please notify the instructor and provide appropriate certification from the Office of Special Student Services (Student Center, Room 270, Phone 460-7212).

Unforeseen circumstances may require changes in the above policies and procedures. Any such changes will be disseminated to the class in an appropriate fashion.