MA 110-91
Finite Mathematics

Semester: Spring 2003

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

Office Hours: MWF 8:15 AM - 9:05 AM, MWF 2:15 PM - 2:45 PM, S 8:00 AM - 8:30 AM, 11:10 - 11:30, 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@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.usouthal.edu/mathstat/hitt` and clicking on the appropriate course number.

Class Meeting: Saturday 8:30 AM - 11:10 AM in ILB 370.

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

Coverage: We will cover most of the sections in Chapters 1 – 4. Occasionally we get into Chapter 7. 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 third week.

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 (Saturday, May 3, 8:30 AM – 11:00 AM) will be cumulative, and will count as 35% of the course grade. The remaining 15% of the grade will be derived from weekly quizzes, homework assignments. and lab assignments after the lowest such grade is dropped. There are no make-up tests or quizzes. Late assignments can be accepted only with a compelling hard-luck story. An appropriate deduction will be made for the degree of tardiness. 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, but in this course grade scaling is common on the major tests.

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).

Any unforeseen changes required in the above policies and procedures will be disseminated to the class in a timely fashion.