MA 312 ABSTRACT ALGEBRA I
Winter Semester, 2002
M–W–Th–F, 3:00 PM, New Science 1205

Prerequisite: MA 211 and MA 163 with grades of C– or better, or consent of instructor

Instructor: John O. Kiltinen, New Science 1127, Tel. 227–1600 or 227–2020 at NMU.
Tel. 228-8035 at home. E-mail kiltinen@nmu.edu

Office Hours: 2:00 – 2:50 p.m. M–W–Th–F
In addition to the stated office hours, I will be available by appointment. Please call me by telephone, e-mail me, or talk to me after class to make arrangements.

Text: MODERN ALGEBRA: An Introduction, 4th edition
by John R. Durbin, John Wiley & Sons, Inc., 2000.

Other Materials: (1) MA 312 Abstract Algebra: Supplemental Materials (This set of duplicated materials which will be used in the course is available at a modest cost in the NMU Bookstore, or which can be downloaded in PDF format via the Internet.). (2) Oval Track and Other Permutation Puzzles (And Just Enough Group Theory to Solve Them). You will be given a draft copy of this book by the instructor. (3) The Permutation Puzzles Package which you can download over the Internet.

General Statement of Content and Objectives:

This course will introduce the student to the concepts and methodology of abstract algebra. Topics covered will be taken from Chapters I through IX in the text.

A detailed discussion of expectations and grading policy is contained in the syllabus included in the set of supplemental materials.

About the Schedule:

Although this is a three credit course, there are four sessions scheduled per week. One of these, the Friday session, is designated at an "extra session" which will be used as a common office hour. In general, Fridays will be used for filling in gaps in students' understanding of concepts, working additional exercises to reinforce the concepts, and providing guidance for work on written and computer-based assignments. If necessary, the Friday sessions will be used to make up for regular sessions which might be missed.

Attendance at the extra sessions is not required, but is highly recommended, especially for students who may encounter difficulties with the material.

The final exam is scheduled for Wednesday, May 1, 2002, 2:00 to 3:50 PM.

Contact Between Class Members: The e-mail address "s11341@nmu.edu" will send an e-mail message to all people registered for this course.

Special Needs: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 1104 University Center (227-1737; TTY 227-1543). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.