MA 312 ABSTRACT ALGEBRA I
Fall Semester, 2005
M–W–Th–F, 1:00 PM, West 2901

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: OVAL TRACK AND OTHER PERMUTATION PUZZLES
by John O. Kiltinen, The Mathematical Association of America, 2003.

Other Materials:
- Permutation Puzzles Package on a CD ROM that comes with the book
- Supplemental materials covering topics not covered in the book that will be provided in PDF format via my web site.
- You will need to make regular use of your laptop computer.
- More detailed syllabus in PDF format via the web site.
- Adobe Acrobat Reader for reading PDF files. (Free program)
- Maple software installed on your NMU laptop (NMU site licensed, so free to you)

General Statement of Content and Objectives:

This course will introduce the student to the concepts and methodology of abstract algebra. Topics covered will be include the entire Oval Track book, plus supplemental materials. 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. It will be necessary to use several of the Friday sessions to make up for regular sessions which must be missed.

Attendance at the extra sessions is not required, except for those designated as make-up sessions, but is highly recommended, especially for students who may encounter difficulties with the material.

The final exam is scheduled for Thursday, December 15, 2005, 12:00 Noon to 1:50 PM.

Web Site for Resources: The web site from which you will be able to download the supplementary written materials, including the more detailed syllabus, is:
http://www-instruct.nmu.edu/math_cs/kiltinen/web/MA312/

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 2001 C. B. Hedgcock (227-1700; 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.