A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   A study of abstract algebraic systems with an emphasis on groups and an introduction to rings.
   Prerequisite: MATH 3310.

B. COURSE EFFECTIVE DATES:  12/31/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)
   1. be introduced to algebraic structures and the theory and applications of groups.
   2. be introduced to rings and fields

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted