Prerequisite: Mathematics education or mathematics major or minor, senior standing or instructor permission.

A capstone course for senior mathematics education majors and minors, as well as a course for mathematics majors and minors, examining the mathematical foundations of fundamental concepts of arithmetic, algebra, geometry, number theory, and other topics from across the mathematics curriculum and the connections that unify those concepts. Emphasis is on thinking deeply about fundamental concepts while further developing students' mathematical reasoning, representation, and problem-solving abilities.

INSTRUCTOR: Dr. David Buhl

Author; Sultan and Artzt - 2011

OFFICE: JXJ 2220
OFFICE HOURS: M, W, F: 9:00 - 10:00 or M, W: 12:00 -1:00 or by appointment.

PHONE: 227-2089
EMAIL: dbuhl@nmu.edu

GRADING (Percent)
Anticipated chapters to be covered include a subset of Chapters 6,7,9,10 & 13. Evaluation of learning outcomes will consist of homework, quizzes, unit exams and presentations. Based on your percentage in the class, the grading scale will follow:

90 – 100 A (-)
80 – 90 B (+ or -)
70 – 80 C (+ or -)
60 – 70 D (+ or -)

DISABILITY SERVICES
If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing disserv@nmu.edu. 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.