Instructor: Dr. Alexandra Seceleanu

Office hours: MW 12:30-1:30 pm in 338 Avery Hall
you may also stop by any time my office door is open or email to make an appointment.

Email: aseceleanu2@math.unl.edu

Class Times and Location: MWF 11:30 a.m. - 12:20 p.m., Oldfather Hall  Room 308.

Web Page: Blackboard

Text: A Concrete Introduction to Higher Algebra, 3rd Edition by Lindsay Childs.

Course Description: There are two primary goals in this course:

• The first goal is to learn to write clear, logical proofs and solutions to problems. Of paramount importan
tce will be your ability to clearly communicate mathematics.

• The second goal is to understand properties of the integers and of polynomials, including the o
verarching algebraic framework that applies to both.

ACE Outcome 3: This course satisfies ACE Outcome 3: "Use mathematical, computational, statistical,
or formal reasoning (including reasoning based on principles of logic) to solve problems, draw inferences,
and determine reasonableness." Your instructor will provide examples, you will discuss them in class,
and you will practice with numerous homework problems. The exams will test how well you have mastered the material. The final exam will be the primary means of assessing your achievement of ACE Outcome 3.

Grades: Grades for the course will be computed as follows:

Homework = 25%  Quizzes = 5%  Class Participation = 5%  Midterms = 2×20%  Final = 25%

Homework: Homework exercises will be assigned periodically. Assignments and due dates will be an
nounced in class. Late homework will not be accepted.

Quizzes: Quizzes will be given occasionally. They will be announced in class during the class period previous

Class participation: is based on front row duty performance. Each week a group of students will have

Exams: There will be two in-class midterm exams and a final. Makeup midterms will only be offered under

Final Exam Policy: Students are expected to arrange their personal and work schedules to allow them
take the final exam at the scheduled time. Students who have conflicting exam schedules may be
allowed to take an alternate final which is always given after the regularly scheduled final. No student
will be allowed to take the final exam early. The final exam is on Monday, April 30, 10:00-12:00 noon
in 308 Oldfather Hall.

Department Grading Policy: Students who believe their academic evaluation has been prejudiced or
capricious have recourse for appeals to (in order) the instructor, the department chair, the departmental
appeals committee, and the college appeals committee.