Instructor: Dr. Emily Marshall
Email: marshalle@arcadia.edu
Office: 329 Boyer Hall
Office Hours: by appointment


Prerequisite: MA225: Writing Mathematics

Overview of the course: This course is an introduction to algebraic systems including groups and rings. By the end of the semester, students should be familiar with important definitions in the area, understand and be able to explain the theorems presented, and be able to provide examples to illustrate many of the concepts studied. This course is a second course in proof writing techniques and students will be expected to write many mathematical proofs. They will see examples of sound proofs presented in class and in the textbook and will receive feedback on their own work from the instructor. The goal is to improve their skills with lots of practice. Being able to present mathematical ideas in a clear and concise fashion is a skill that takes time.

Grading: Grades will be based on two exams (15% each), quizzes (30%), class participation and pre-class prep (15%), and the final exam (25%). The final exam is scheduled for Wednesday, Dec. 16 at 9:00 AM.

Homework. Homework problems will be assigned each week but will not be submitted or graded. The best way to learn mathematics is by doing mathematics and students are expected to stay current with the assignments. Quizzes will consist of problems similar to those assigned for homework. Students should have their completed homework in class each day. Students who regularly complete their homework will receive a grade boost in borderline situations.

Academic Honesty: The instructor takes academic honesty very seriously. On tests or quizzes, the first infraction will result in a zero on the quiz, problem set or exam; the second will result in an F for the course. A student who is uncertain about what constitutes plagiarism, should consult both the student handbook and the instructor. Both the instructor and student maintain the right to refer any issue to Arcadia’s Judicial Board.

Disability Services: Arcadia University provides reasonable accommodations for students with documented disabilities. If you require accommodations or other academic support due to a physical, psychological, psychiatric or learning disability, you should contact the Office of Academic Development, Disability Support Services, in Knight Hall. You can call DSS at 215-572-4033.

Attendance Policy: Students are expected to attend every live Zoom class. Class participation is part of the final grade so students with irregular attendance will see a drop in this score. Students who do not regularly attend are not eligible for office hour help.
Help: Students who need help should attend office hours. Please email me to set up an appointment.

Title IX: Arcadia University is committed to ensuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University’s Title IX Coordinator. The only exceptions to a faculty member’s reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project.