

MA407: Introduction to Modern Algebra, Spring 2019

Course Home

Syllabus

Schedule

Assignments

Tests

Web Links

Contact

Syllabus

Course website:

<https://aszanto.math.ncsu.edu/MA407/>

Instructor:

Dr. Agnes Szanto (see "Contact" on the course website)
Office hours: Tue-Wed 2:00 - 3:00 pm SAS 4120

Textbook

Contemporary Abstract Algebra, NINTH Edition
By Joseph A. Gallian,
ISBN:978-1-305-65796-0

Available at: NCSU Bookstore
This site gives a price comparison, and really good prices:
<http://www.campusbooks4less.com>

Topics and estimated days allocated to each topic

Preliminaries: 1 week
Introduction to groups: 2 weeks
Cyclic groups: 1 week
Permutation groups: 1 week
Isomorphism: 1 week
Cosets and Lagrange's theorem: 2 weeks
Normal subgroups, factor groups, homomorphisms: 2 weeks
Introduction to rings: 1 week
Integral domains and fields: 1 week
Ideals and factor rings : 1 week
Polynomial rings: 1 week

Important! Students should read the next chapter in the book before coming to class!!

Determination of grades: + and - system

Homework: 25%
In class Test 1: 25%
In class Test 2: 25%
Final Test: 25%

Letter grade is according to the following:

A+ = 99-100, A = 92-98+, A- = 90-91+ , B+ = 88-89+, B = 82-87+, B- = 80-81+ , C+ = 78-79+, C = 72-77+, C- = 70-71+, D+ = 68-69+, D = 62-67+, D- = 60-61+

Those students who have 3 or less absences (for any reason) at the end of the semester, will have **5% added to their final grade.**

Policy on incomplete grades and late assignments

Homework will be assigned and collected once every two or three weeks. It is the students' responsibility to do the homework. For the homework problems, check the course website. **Late homework will NOT be accepted, since I hand out solution sets on the due date.**

Policy on absences (excused and unexcused) and scheduling makeup work

Students are expected to arrive on time, to contribute to group work and class discussions, and to stay until the class ends. Attendance at all meetings of the class is expected. Occasional absences will be approved if they meet University policy (see University policies). Those students who have 3 or less absences (for any reason) at the end of the semester, will have will have **5% added to their final grade.**

There are no make-up exams. Missed tests are not allowed unless an official written (medical, legal) excuse is presented before the test or in emergency cases at most one week after the test.

Class evaluation

Online class evaluations will be available for students to complete during the last two weeks of class. Students will receive an email message directing them to a website where they can login using their Unity ID and complete evaluations. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructors.

Evaluation website:

<https://classeval.ncsu.edu>

Academic Integrity Statement:

Students are expected to follow university guidelines available at

<https://policies.ncsu.edu/policy/pol-11-35-01>

NC State policy on working with students with disabilities:

Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with Disability Services for Students at 1900 Student Health Center, Campus Box 7509, 515-7653. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation (REG02.20.1) ([link](#)).