4325 Modern Algebra
SYLLABUS

Instructor: Dr. Piotr J. Wojciechowski \ voy-che-HOF-skee \n
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Office hours: Bell Hall 324, MW 1430-15:30 or by appointment

Textbook: Gallian *Contemporary Abstract Algebra*

Prerequisite: Principles of Mathematics, Math 3325 (or equivalent)

Notebook: Notes must be taken during the class. The content of the blackboard is considered as mandatory.

Grading policy: There will be three exams 100 pts. each, and the final also 100 pts. The letter grade for the course is based on the 400 points: A is 360 or more, B is between 320 and 360, C is between 280 and 320 , D is between 240 and 280, F is below 240.

There is a possibility to give in-class presentations, each worth up to 5 pts. The points accumulated from the presentations are added to the exam points pool. The presentations are based on the homeworks and must be done from memory. The topics are announced during the class. Given time limitation for the presentations, there is a random factor in selecting a student (in case of more than one candidate). The number of points earned for a presentation will be known to the entire class.

Structure of the course: Main topics of parts 1-4, some topics from part 5.

Required Reading: All relevant textbook material, classroom notes and handouts additionally given from time to time. These have to be read with understanding and backed up by individually solved problems. Most of the time reading two or more times is needed to fulfill this requirement.

Homework and reading time: 2-3 hours every day of the week.