

4325 Modern Algebra

SYLLABUS

Instructor: Dr. Piotr J. Wojciechowski \ voy-che-HOF-skee \

Phone: 747-6774

E-mail: piotrw@utep.edu

Office hours: Bell Hall 324, 14:00-15:00 every day

Textbook: J.Fraleigh *A First Course in Abstract Algebra* 7th ed.

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.

Structure of the course: Class notes and most of topics from parts 1-5. Numerous homework problems will be assigned from the book and will be discussed in class. The exams are based on similar problems.

Required Reading: All relevant textbook material, classroom notes and hand-outs 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.