

Kent Pearce

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HomePage: www.math.ttu.edu/~pearce
Syllabus: [3360-20073\(003\)-syl.pdf](#)
Schedule: [3360-20073\(003\)-cal.pdf](#)
Homework: [3360-20073\(003\)-hwk.pdf](#)

Office Hours: MW 3:00 - 4:00 or
By Appointment

Jason Bacon

Office: MA 250
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Foundations of Algebra I

MATH 3360-003

Text

Durbin, John R.

Modern Algebra: An Introduction
5th Ed., John Wiley & Sons

Lecture

Room: MA 112
Time: M-F 12:00 - 1:50

Problem Sessions

Room: MA 017
Time: M-F 9:00 - 11:00

Learning Objectives

Learning Outcomes: Students learn how to think and reason abstractly in the context of group theory, and learn how to write correct and clear mathematical arguments in this context. Concepts to be mastered by the students include but are not limited to the following:

1. Writing of proofs
2. Understand the concept of abstract groups
3. Understand the concept of group homomorphisms
4. Understand the concept of abstract rings and fields

Assessment of the learning outcomes

Assessment will be achieved through one or more activities, non-graded and graded, such as: class attendance, discussion section attendance, class discussion, board work, short quizzes, selected homework, examinations and other optional activities deemed appropriate by the instructor. Class grades will be assigned according to the following rubric:

Grading

Examinations:

Mid-Term Exams	(June 11, 22)	200 Pts.
Final Exam	(June 29, 11:00 am)	100 Pts.

Home Work

Assignments (Due "Second Day")	100 Pts.
HW Notebook (Due at Final)	15 Pts.

Total Grade Point Base	400 Pts.
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Scale

A...100% - 90%	B...89% - 80%	C...79% - 70%	D...69% - 60%	F...59% - 0%
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Critical Dates

Thursday, June 19

Last Day to Drop a Class (Automatic W)

Notices

Academic Integrity (Extracted from [OP 34.12](#))

It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension.

Scholastic dishonesty includes, but it not limited to, cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor) or the attempt to commit such an act.

Observance of Religious Holiday (Extracted from [OP 34.19](#))

A student who intends to observe a religious holy day should make that intention known to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

Accommodation for Students with Disabilities (Extracted from [OP 34.22](#))

Any student who, because of a disability, may require some special arrangements in order to meet course requirements should contact the instructor (at MA 201-B) as soon as possible to make the necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor's office hours. Please note instructors are not allowed to provide classroom accommodations to a student until the appropriate verification from Student Disability Services has been provided. For additional information, you may contact the Student Disability Services office at 335 West Hall or 806-742-2405.