Abstract Algebra I   **Patrick Mitchell**

Math 3293.201   **Office:** Bo 122G

Spring 2026   **phone:** 397-4190

MWF 11am-11:50am   **E-mail address:** patrick.mitchell@mwsu.edu

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Text: Abstract Algebra: Theory and Application by Judson. (Available on-line)

http://abstract.ups.edu/download/aata-20130816.pdf

Credit Hours: 3 undergraduate hours

Office Hours: 8am. TR and 10am MWF

Course Description: Introduction to algebraic structures, including groups, group isomorphisms, homorphisms, direct products, and introduction to rings.

Material covered: We will cover chapters 1-6 and various sections from 9,10,11,14,16. Remaining material will be chosen by the class.

Exams: There will be 3 exams during the semester, each covering the material previously presented in class. Each exam will be worth 100 points. Each exam will be announced at least a week ahead of time.

Homework: During the semester there will be several assignments. Most of the assignments will be due at the beginning of the next class. It is expected that you do your work, copying proofs from others or finding solutions on the internet is an act of academic dishonesty and will be dealt with severely. All of these assignments will constitute 100 points in your final grade calculation.

Quizzes: At the end of each chapter there will several problems assigned. I will choose 2 or 3 to place on a quiz.

Final Exam: The final exam will be comprehensive and will be given on the date listed in the final exam schedule. This exam will be worth 100 points. The final exam will be given on Tuesday, May 10, from 8am-10am.

Grade calculation: Your grade will be based on the total number of points you accumulate during the semester.

		Total points	Letter Grade
Exams	300 points	600-540	A
Quizzes	100 points	549-480	B
Homework	100 points	479-420	C
Final	100 points	419-360	D
Total	600 points	Below 360	F

Attendance Policy: Attendance at all classes is expected.

Date	Chapter	Date	Chapter
1/21-1/23	1	3/23-3/27	Exam 2
1/26-1/30	2	3/30-4/1	11.1
2/1-2/6	3	4/6-4/10	9.1, 9.2
2/9-2/13	Exam 1	4/13-4/17	10.1
2/16-2/20	4	4/20-4/24	11.2, Exam 3
2/23-2/27	4,5	4/27-5/1	16
3/2-3/6	5	5/4-5/8	Review
3/16-3/20	6	5/9-5/14	May 10, 8am-10am

Students should refer to the current MSU Student Handbook and Activities Calendar for university policies on academic dishonesty, class attendance, student rights and activities.