

MATH 3510.002 Abstract Algebra I

Time TR 11:00AM-12:20PM

Classroom GAB 438

Prerequisites Math 3000 (Real Analysis); Math 2700 (Linear Algebra; maybe taken currently)

Textbook *A First Course in Abstract Algebra*, 7th ed., by John B. Fraleigh.
ISBN 0-201-76390-7

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Office Hours in GAB 412: M 1:30-2:30, R 9:30-10:30, or by appointment.

Course Web Page <http://www.math.unt.edu/~sgao/Math3510/>

Activities Students are expected to read the textbook and participate in discussions during classes. Homework will be assigned every class day, collected every week, and graded. In addition there will be in-class quizzes, 2 midterm exams and a final exam. *There will not be any extra credit work to help your grade.*

Final Exam The final exam will be Tuesday, May 10, 2016, 10:30 am - 12:30 pm, in GAB 438. *You have to take the final exam in order to get a passing grade for this course.*

Grading Policy The total grade is computed as follows:

| Activities | Percentage |
|-------------------------|------------|
| Homework | 15% |
| Quizzes | 10% |
| Midterm Exams (2 total) | 20% each |
| Final Exam | 35% |

No grades will be dropped.

The letter grade for the course will be assigned as follows:

| Percentage | Letter Grade |
|------------------|--------------|
| 88.8% - ∞ | A |
| 77.7% - 88.7% | B |
| 66.6% - 77.6% | C |
| 55.5% - 66.5% | D |
| 0 - 55.4% | F |

**You have to take the final exam in order to get a passing grade for this course.*

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Homework Students are encouraged to work on the problems cooperatively and to discuss the problems with the instructor. However, each student should independently write up the solutions. Copying is considered cheating and will be dealt with according to the Academic Integrity Policy (see below). *No late homework is accepted.*

Attendance and Tardy Policy Attendance of classes is essential and is required. Attendance will be checked and taken into account in the computation of the final grade. Repetitive tardiness and early leaves will also be counted as non-attendance. Students could be dropped with a grade of WF on the basis of significant non-attendance.

Make-up Exam Policy Make-up exams will only be given in the case of illness, school sponsored activities, or emergencies (such as an automobile accident). To request a make-up exam, the student must inform the instructor of the reason before the exam takes place or, in case of an unexpected emergency, within 48 hours the exam was missed. However, even if the make-up exam is given, the student may have to provide documented proof for the excuse in order for the make-up exam grade to be included in the computation of the final grade.

Student Perception Of Teaching (SPOT) Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The short SPOT survey will be made available April 18th – May 1st to provide you with an opportunity to evaluate how this course is taught. For the spring 2016 semester you will receive an email on April 18th (12:01 a.m.) from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Please look for the email in your UNT email inbox. Simply click on the link and complete your survey. Once you complete the survey you will receive a confirmation email that the survey has been submitted. For additional information, please visit the spot website at www.spot.unt.edu or email spot@unt.edu.

Academic Integrity Policy Academic integrity will be strongly enforced in this course. Academic dishonesty breaches the mutual trust necessary in an academic environment and undermines all scholarship. Any student caught cheating on any homework, quiz, or exam will be given a grade of zero on the entire assignment and will be reported to the Office of Academic Integrity. Cheating is defined in UNT Policy 18.1.16, which can be found at http://policy.unt.edu/sites/default/files/untpolicy/pdf/7-Student_Affairs-Academic_Integrity.pdf. Repeated offenders will be given a grade of WF or F for the course and will be subject to other misconduct sanctions as defined in UNT Policy 18.1.16.

ADA Statement The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at [940.565.4323](tel:940.565.4323).

Spring 2016 Math 3510 Tentative Schedule

| <u>Week</u> | <u>Date</u> | <u>Class#</u> | <u>Section</u> | <u>Activity</u> | <u>Remark</u> |
|-------------|-------------|---------------|---------------------|-----------------|--|
| 1 | 1/19 | 1 | 0 | | |
| | 1/21 | 2 | 0 | | The day before the last day for change of schedule other than drop. |
| 2 | 1/26 | 3 | 2 | | |
| | 1/28 | 4 | 3 | | |
| 3 | 2/2 | 5 | 4 | Hw due | |
| | 2/4 | 6 | 1 | | The day before the last day to drop the course with written consent of instructor. |
| 4 | 2/9 | 7 | 5 | Hw due | |
| | 2/11 | 8 | 6 | | |
| 5 | 2/16 | 9 | 6 | Hw due | |
| | 2/18 | 10 | 7 | | |
| 6 | 2/23 | 11 | 8 | Hw due | |
| | 2/25 | 12 | 8 | | The day before the last day to withdraw from UNT with a grade of W. |
| 7 | 3/1 | 13 | Review | | |
| | 3/3 | 14 | Exam 1 | | Exam 1 covers Sections 1-7 |
| 8 | 3/8 | 15 | 9 | Hw due | |
| | 3/10 | 16 | 10 | | |
| 9 | 3/22 | 17 | 11 | Hw due | |
| | 3/24 | 18 | 13 | | |
| 10 | 3/29 | 19 | 14 | Hw due | |
| | 3/31 | 20 | 15 | | |
| 11 | 4/5 | 21 | 18 | Hw due | The day before last day to drop with "W" or "WF" |
| | 4/7 | 22 | 19 | | |
| 12 | 4/12 | 23 | Review | | |
| | 4/14 | 24 | Exam 2 | | Exam 2 covers Sections 8-15 |
| 13 | 4/19 | 25 | 20 | Hw due | Beginning this date a student who qualifies may request a grade of I. |
| | 4/21 | 26 | 21 | | The day before the last day to withdraw from the semester. |
| 14 | 4/26 | 27 | 22 | Hw due | |
| | 4/28 | 28 | 23 | | |
| 15 | 5/3 | 29 | Review | Hw due | Pre-finals week |
| | 5/5 | 30 | Review | | Last class day |
| Final | 5/10 | | 10:30 am - 12:30 pm | | The final exam is comprehensive, with an emphasis on Sections 18-23. |