

MATH 5310 Introduction to Modern Algebra I, Fall 2023

Class Meetings: MWF at 12:55-1:45pm, Union 323.

Instructor: Karl Schwede

Email: schwede@math.utah.edu

Office Hours: TBA.

- **Textbook:** *Algebra, 2nd edition* by Michael Artin.

Prerequisite Information: “C” or better in (MATH 3210) and “C” or better in (MATH 3220 OR MATH 4400).

Course Description: Groups and applications.

Canvas: Canvas will be used for posting course announcements, homework assignments, grades, files and any relevant supplementary material. You are also welcome to make use of the Canvas discussion board to discuss course problems or topics. You can access the Canvas page through CIS or by logging in at utah.instructure.com. Students should check the Canvas page regularly for course information and resources. Email notifications and correspondence will be sent to the student’s UMail address ([u-number]@utah.edu); this email account must be checked regularly.

Gradescope: You are required to turn in homework on gradescope. Quizzes, Midterms and Final Exams will also be graded on gradescope. *Feedback* to homework and exams will be given on gradescope. There will be a quiz this week.

Grading: The following are the grade components and the percentage each contributes to a student’s final grade:

20% Homework and in-class group worksheets Group worksheets will be once a week or so. There may be periodic individual homework. Late assignments will generally not be accepted unless there are extenuating circumstances that make it impossible to turn in on time. In such unavoidable circumstances, considered on a case-by-case basis, you should make arrangements before the assignment is due.

30% Quizzes will be once every 1 or 2 weeks. Your lowest quiz score will be dropped.

20% Midterm #1. Tentatively Friday October 6th, in class.

30% Final. Our final exam will be scheduled according to the University guidelines, which can be found [here](#):

<https://registrar.utah.edu/academic-calendars/final-exams-spring.php>

Students with university excused absences (band, debate, student government, intercollegiate athletics) should make alternate arrangements with me as soon as possible if the absence interferes with any course components.

Final course letter grades will be determined as follows: If X is your course percentage weighted according to the above, then $\{X \geq 92\% \Rightarrow A, X \geq 88\% \Rightarrow A-, X \geq 84\% \Rightarrow B+, X \geq 80\% \Rightarrow B, X \geq 76\% \Rightarrow B-, X \geq 72\% \Rightarrow C+, X \geq 68\% \Rightarrow C, X \geq 64\% \Rightarrow C-, X \geq 60\% \Rightarrow D+, X \geq 56\% \Rightarrow D, X \geq 52\% \Rightarrow D-, X < 52\% \Rightarrow E\}$.

The instructor may modify this scale to make it more beneficial to the student.

COVID Statement: The COVID-19 guidelines for the University of Utah are adapted often. For the most up-to-date information regarding the campus guidelines, visit <https://coronavirus.utah.edu>.

Academic Honesty and Generative AI: It is expected that students will adhere to generally accepted standards of academic honesty, including but not limited to refraining from cheating, plagiarizing, misrepresenting one’s work, and/or inappropriately collaborating. This includes the use of generative AI tools

without citation, documentation, or authorization. Students will also be expected to adhere to the prescribed professional and ethical standards of the profession/discipline for which the student is preparing. Any student who engages in academic dishonesty or who violates the professional and ethical standards for the profession/discipline for which the student is preparing, may be subject to academic sanctions as per the University of Utah's Student Code :<https://regulations.utah.edu/academics/6-410.php>

ADA Statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability & Access, 162 Olpin Union Building, 801-581-5020, <https://disability.utah.edu/>. CDA will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability & Access.

Addressing Sexual Misconduct: Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted on the basis of your sex, office for equal opportunity and affirmative action including sexual orientation or gender identity/expression, you are encouraged to report it to the University's Title IX Coordinator; Director, Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, <https://oeo.utah.edu/contact-us/index.php> or to the Office of the Dean of Students, 270 Union Building, 801-581-7066, <https://deanofstudents.utah.edu/>. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to police, contact the Department of Public Safety, 801-585-2677(COPS), <https://police.utah.edu/>.

Student Names and Personal Pronouns: Class rosters are provided to the instructor with the students legal name as well as Preferred first name (if previously entered by you in the Student Profile section of your CIS account). While CIS refers to this as merely a preference, I will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise me of any name or pronoun changes (and update CIS) so I can help create a learning environment in which you, your name, and your pronoun will be respected. If you need assistance getting your preferred name on your UIDcard, please visit the LGBT Resource Center Room 409 in the Olpin Union Building, or email bpeacock@sa.utah.edu to schedule a time to drop by. The LGBT Resource Center hours are M-F 8am-5pm, and 8am-6pm on Tuesdays.

Wellness Statement:. Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a students ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness at www.wellness.utah.edu or 801-581-7776.

Campus Safety:The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit safeu.utah.edu

University Counseling Center The University Counseling Center (UCC) provides developmental, preventive, and therapeutic services and programs that promote the intellectual, emotional, cultural, and social development of University of Utah students. They advocate a philosophy of acceptance, compassion, and support for those they serve, as well as for each other. They aspire to respect cultural, individual and role differences as they continually work toward creating a safe and affirming climate for individuals of all ages, cultures, ethnicities, genders, gender identities, languages, mental and physical abilities, national origins, races, religions, sexual orientations, sizes and socioeconomic statuses. The UCC staff is committed to supporting the mental health needs of our campus community. Their phone number is 801-581-6826.

Their hours are Monday-Friday, 8:00am-5:00pm. For after-hours emergencies, contact the 24/7 Crisis Line: 801-587-3000 . More information is at <https://counselingcenter.utah.edu/>

Office of the Dean of Students The Office of the Dean of Students is dedicated to being a resource to students through support, advocacy, involvement, and accountability. It serves as a support for students facing challenges to their success as students, and assists with the interpretation of University policy and regulations. To contact the Office of the Dean of Students, please email deanofstudents@utah.edu or call 801-581-7066. There is more information at <https://deanofstudents.utah.edu/>

Student Success Advocates: The mission of Student Success Advocates is to support students in making the most of their University of Utah experience (ssa.utah.edu). They can assist with mentoring, resources, etc. Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact a Student Success Advocate for support (<https://asuu.utah.edu/displaced-students>).