

Intro to Modern Algebra

Math 5310, Fall 2019

University of Utah

Christopher Hacon

Class Mon, Wed, Fri, 12:55–1:45, LCB 222

Contact JWB 301, (801) 581-7429, hacon@math.utah.edu

Web-page http://www.math.utah.edu/~hacon/2019_5310.html

Text “Algebra” by Michael Artin, Second Edition, Prentice Hall, ISBN-10: 0-13-241377-9, ISBN-13: 978-0-13-241377-0

Prerequisites “C” or better in MATH 3210 AND (MATH 3220 OR MATH 4400 OR MATH 4510).

Course description The course is an introduction to group theory and abstract linear algebra. We will cover chapters 2-8 of Artin’s “Algebra” and some supplementary topics.

Homework Homework will be regularly assigned but not collected. Students may discuss the problems with others, but it is important to write up one’s own solutions. The weekly quizzes will be based on the lectures in class AND the homework. It is strongly recommended that you attempt all homework problems and seek help for the ones you are having trouble with.

Grading There will be weekly quizzes (typically on Mondays unless announced in class), and a comprehensive final examination. Quizzes will account for 60 percent of your grade (you will be allowed to drop your 3 lowest scores, however there will be no make up tests), and the final exam will make up the remaining 40 percent.

Final The final exam is on Thursday, December 12, 2019 1:00 – 3:00 pm

Office hours Monday 12–12:50, Wed 12–12:50, Friday 1:50–2:30

Dates Labor day Holiday Monday, September 2; Fall break Sun-Sun, October 6–13; Thanksgiving break Thurs.-Sun., Nov. 28– Dec. 1; Holiday recess Sat. Dec. 14 - Sun. Jan 5.

Other dates Last day to drop (delete) classes: Friday, August 30.
Last day to withdraw from classes: Friday, October 18.

ADA The Americans with Disabilities Act requires that reasonable accommodations be provided to qualified individuals. To discuss such accommodations, please contact me as well as the Center for Disability Services, (801) 581-5020, at the *beginning* of the semester.

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.