

## Syllabus

Math 791: Modern Algebra

Spring 2019

<b>Professor</b>	Emily Witt
<b>Email</b>	[lastname]@ku.edu
<b>Office</b>	523 Snow Hall
<b>Office hours</b>	Tuesdays and Thursdays from 12 - 1 pm
<b>Prerequisites</b>	<b>Official:</b> MATH 127 and MATH 290, or equivalent <b>Unofficial:</b> High level of experience with creating proof-based arguments using abstract concepts
<b>Topics</b>	Multiplicative properties of the integers, and introductions to group theory, ring theory and field theory.
<b>Text</b>	<i>Abstract Algebra</i> (Third Edition) by Dummit and Foote
<b>Reading</b>	You are expected to read the parts of the book that are assigned <b>before</b> class.
<b>Homework</b>	There will be written homework assigned after each class period. Note that although written homework will not be collected, it is necessary to complete the problems to be successful in the course. You are highly encouraged to come to office hours with questions, and to utilize study groups in this course.
<b>Quizzes</b>	There will be frequent quizzes based on material from reading assignments, lecture, and homework. Some of our quizzes will be short (half a page), and test your comprehension of new concepts. There will be no make-up quizzes. However, your two lowest full-page quiz scores will be dropped.
<b>Investigation modules</b>	During some class periods, you will work in teams to investigate new material. Participation is required, and your progress will contribute to your official Quiz Average.
<b>Exams</b>	The midterm dates are tentative. Make-up exams are rare and will only occur in extenuating circumstances, after discussion with the professor. <b>Midterm 1</b> Tuesday, March 5 <b>Midterm 2</b> Thursday, April 11 <b>Final exam</b> Wednesday, May 15 from 7:30 - 10 am
<b>Grades</b>	Letter-grade scales will be available after each exam. Final grades will be calculated using the following rubric:

<b>Quizzes</b>	30%
<b>Midterm 1</b>	20%
<b>Midterm 2</b>	20%
<b>Final exam</b>	30%

**Academic integrity**

*Don't cheat.* A case of academic dishonesty on any assignment, quiz, or exam will result in a grade of zero. Please see the [Code of Student Rights and Responsibilities](#) and the [University Senate Rules and Regulations](#).

**KU Concealed Carry**

Individuals who choose to carry concealed handguns are solely responsible to do so in a safe and secure manner in strict conformity with [state and federal laws](#) and [KU weapons policy](#). Safety measures outlined in the KU weapons policy specify that a concealed handgun:

- Must be under the constant control of the carrier.
- Must be out of view, concealed either on the body of the carrier, or backpack, purse, or bag that remains under the constant control of the carrier.
- Must be in a holster that covers the trigger area and secures any external hammer in an un-cocked position.
- Must have the safety on, and have no round in the chamber.

**Tests and quizzes:** As permitted by Kansas Board of Regents policy, we require that backpacks, purses, and other bags be placed in a specified location away from your person during exams and quizzes, and as such those items will not be under the constant control of the individual. Students who choose to carry a concealed handgun in a purse, backpack, or bag must review and plan each day accordingly, and are responsible for making alternate arrangements as necessary. The university does not provide appropriate secured storage for concealed handguns. *Individuals who violate the KU weapons policy may be asked to leave campus with the weapon and may face disciplinary action under the appropriate university code of conduct.*

**Commercial Note-Taking**

Pursuant to the University of Kansas' [Policy on Commercial Note-Taking Ventures](#), commercial note-taking is not permitted in MATH 791. Lecture notes and course materials may be taken for personal use, for the purpose of mastering the course material, and may not be sold to any person or entity in any form. Any student engaged in or contributing to the commercial exchange of notes or course materials will be subject to discipline, including academic misconduct charges, in accordance with University policy. Please note: note-taking provided by a student volunteer for a student with a disability, as a reasonable accommodation under the ADA, is not the same as commercial note-taking and is not covered under this policy.