

M221 Linear Algebra - Spring 2021

UC 311 at 11A

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Office hours: Contact me to set up a ZOOM.

Moodle

This site will contain all information on this sheet plus more. Homework assignments and other information pertinent to this course will be posted at this web site.

Text

We will use the open-source textbook **A First Course in Linear Algebra** by Ken Kuttler. It is available through <https://lyryx.com/first-course-linear-algebra/>.

Focus

We will study the algebra of matrices, linear systems, and multivariable linear functions. We will encounter many applications both inside and outside the field of mathematics.

Graded work

All graded work will be submitted electronically as **pdf** files. Your UMbox folder will be used both for you to submit work and for the return of graded work. Please name your files in the following format

hw_.pdf

For instance, I would label my homework #2 as

hw2_chesebro.pdf

Exams

We will have two 50 minute 'in-class' midterm exams and a cumulative final exam. Midterms are tentatively scheduled for Feb. 19 and Mar. 31. If you have a legitimate schedule conflict with an exam let me know as early as possible. The final exam will be given according to the [Registrar's schedule](#). By enrolling in this course you agree that you will be present for the final exam at this time.

Homework

Written homework will be assigned and collected weekly.

Working hard on the homework is how you will succeed in this course, so please take the homework seriously. It is okay to work together with classmates on homework assignments, but you must write up your own solutions in your own words.

Learning to effectively communicate solutions is part of this course. Accordingly, your written homework solutions need to be communicated clearly.

Calculators

You may use your favorite brand/model on homework. You are also welcome to use Wolfram Alpha or a computer algebra system such as SAGE. However, electronic devices will not be needed or allowed during exams.

Grading

- Midterms: 20% each
- Comprehensive Final: 35%
- Homework: 25%

\geq 93%	90%	87%	83%	80%	75%	70%	65%	62%	58%	55%	$<$ 55%
A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

Politeness

You are expected to be polite to me and your classmates. This includes coming to class on time, acting interested and engaged, and not using electronic devices for social reasons during class.

COVID-19

- Mask use is required within the classroom. See UM's face covering policy.
- We expect students to clean their personal work space when they arrive for class, and before they leave the classroom. Refill stations for cleaning supplies/hand sanitizer will be set up around campus - please learn where they are and use them.
- Classrooms may have one-way entrances and exits to minimize crowding. Students are discouraged from congregating outside the classroom before and after class.
- Drinking liquids and eating food (which requires mask removal) is strongly discouraged within the classroom.
- Stay home and contact the Curry Health Center at (406) 243-4330 if you feel sick and/or if exhibiting COVID-19 symptoms. If you are diagnosed with COVID-19, follow instructions for quarantine and contact your advisor so they can help you stay on track academically.
- Students, please remain vigilant outside the classroom and help mitigate the spread of COVID-19.

Guidelines and policies

University dates and deadlines

You should be aware of the important dates and deadlines posted by the [Registrar's Office](#).

Academic honesty

I take academic honesty very seriously and I will act on any transgressions that I notice. Misconduct is subject to an academic penalty in this course and/or a disciplinary sanction by the university. We all know that a record of academic misconduct is a very bad thing to have documented in your academic history. All students should be familiar with the [Student Conduct Code](#).

Disability modifications

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and [Disability Services for Students](#). If you think you may have a disability adversely affecting your academic performance, and you have not already registered with Disability Services, please contact Disability Services in Lommasson Center 154 or call 406.243.2243. I will work with you and Disability Services to provide an appropriate modification.