

MATH 322 Fall 2021

Professor: Benjamin Schweinhart **E-Mail:** bschwei@gmu.edu

Lectures: 3:00 – 4:15 PM on Tuesdays and Thursdays in Innovation 328.

Office Hours Mondays from 12:30 PM – 1:30 PM and Thursdays from 4:30 PM – 5:30 PM on [Zoom](#).

Textbook and Reading The textbook is Friedberg, Insel, and Spence, Linear Algebra, 5th edition, 2019. Readings will be posted as tasks in Blackboard (remind me if I forget to post them!). You are expected to read the book carefully. The plan is for Friedberg et al (through their book) to be co-teachers with me.

Course Description The goals of the course are to develop a deeper, more rigorous understanding of linear algebra and to build proof-writing skills. We will cover most of chapters 1-3 and parts of chapters 4-7.

Prerequisites MATH 203 and MATH 300. Both prerequisites are important as we will be building on the material covered in each.

Safety An appropriate facemask must cover your nose and mouth **at all times** in the classroom, and no eating or drinking is allowed. In addition, students should follow the university's public health and safety precautions and procedures outlined on the university [Safe Return to Campus webpage](#) and complete the Mason COVID Health Check daily, seven days a week. Do not attend class if you are feeling sick.

Grading Grades are based on the two midterms (20% each), the final (30%), the homework (20%), and participation (10%).

Homework Homework will be assigned after each lecture, and will be due in-class the following Tuesday. It is recommended that you begin the problems on the day they are assigned. Only a subset of questions will be graded. The two lowest homework grades will be dropped, and the rest will be weighted equally.

Exams There will be in-class exams on **Tuesday, October 5** and **Tuesday, November 16**. No make-up exams will be given except for exceptional circumstances which are beyond your control. If you request a make-up exam, please do so as soon as possible and provide supporting documents.

Final The final exam will be on Friday, **Thursday, December 9** from 1:30-4:15 PM. It will be cumulative, but emphasize material not on the midterms.

Participation and Attendance Students are expected to participate in class and may be asked to present solutions to problems or to work collaboratively at the board. They should attend class regularly. Please notify me in advance of any absences (including religious holidays), with justification.

Communication Important course announcements will be posted on Blackboard. The best way to reach me is by email. I will do my best to respond within two business days.

Grading Grades will be given on an A–F scale and will be based on TBD.

Gender identity and pronoun use If you wish, please share your name and gender pronouns with me and how best to address you in class and via email. I use “he/him” for myself and you may address me as “Dr./Prof. Schweinhart” in email and verbally.

Cell phones Cell phones and other communicative devices are not to be used during class. Please keep them stowed away and out of sight. Laptops or tablets may be permitted for the purpose of taking notes only, but you must submit a request in writing to do so.

Campus Closure or Emergency Class Cancellation/Adjustment Policy If the campus closes, or if a class meeting needs to be canceled or adjusted due to weather or other concern, students should check Blackboard for updates on how to continue learning and for information about any changes to events or assignments.

Academic Integrity Mason is an Honor Code university; please see the Office for Academic Integrity for a full description of the code and the honor committee process. The principle of academic integrity is taken very seriously and violations are treated gravely. Some kinds of participation in online study sites violate the Mason Honor code: these include accessing exam or quiz questions for this class; accessing exam, quiz, or assignment answers for this class; uploading of any of the instructor’s materials or exams; and uploading any of your own answers or finished work. Always consult your syllabus and your professor before using these sites.

Disability Accommodations Disability Services at George Mason University is committed to providing equitable access to learning opportunities for all students by upholding the laws that ensure equal treatment of people with disabilities. If you are seeking accommodations for this class, please first visit <http://ds.gmu.edu/> for detailed information about the Disability Services registration process. Then please discuss your approved accommodations with me.

Disclaimer This syllabus is a general plan for the course and is subject to change at the instructor’s discretion.