

Course Syllabus: Vector Spaces  
MATH 3753 Section 101 Fall 2021  
Monday, Wednesday, Friday 9:00-9:50am

Contact Information

Professor: Dr. Michelle Knox  
Office: Bolin Hall 118A  
Office hours: Monday 2-2:50pm, Wednesday 11am-12:20pm,  
Thursday 1:30-2:50pm, Friday 2-2:50pm  
other times by appointment  
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Course Description

A mathematically rigorous approach to Abstract Vector Spaces and Linear Transformations.

Textbook & Instructional Materials

We will be using notes created by Dr. Knox for this course. You do not need to purchase a textbook.

Office Hours

You are welcome to stop by Dr. Knox's office at any time during office hours if you have questions or need extra help with this course.

Please note that Dr. Knox will have two options for attending her office hours this semester: virtual and in person. If you attend her office hours in person, you will be required to wear a face mask in her office. If you attend her office virtually, you will use zoom. (There is a link to Dr. Knox's virtual office hours in D2L under content.)

Attendance Policy

Attendance will be taken at the beginning of every class. Any student who is late or who leaves early may be counted as absent. This will result in a zero on any quiz or other assignment for the day. ***Any student who misses seven or more classes may be dropped from the course.***

If you miss class, it is your responsibility to

1. get notes from another student for the day(s) you missed, and
2. see Dr. Knox before the next class for any handouts from the day(s) you missed.

## Grading

We will be using a 90-80-70-60 grading scale. Dr. Knox intends to give four exams and a final exam, each worth 20% of your grade. However, your final grade is also based on your completion rate for homework throughout the semester.

In order to receive a particular grade in the course, you must earn a "complete" on at least that percentage of the homework graded by Dr. Knox. For example, in order to receive a D in the course, you must earn a "complete" on at least 60% of the homework graded by Dr. Knox in addition to earning a test average of at least 60%. Failure to meet the required letter grade completion rate will result in a loss of 5% of your final grade.

A "complete" on a homework problem does not mean you must earn a perfect score on that problem. (In fact, you will not receive a numerical score at all.) A "complete" means you have submitted a solution that Dr. Knox has accepted as being more or less correct (in her opinion). Please note that:

- (1) assignments are generally due at the start of the next class, unless otherwise specified by Dr. Knox (including problems that are redone).
- (2) late homework assignments will not be accepted and will be automatically counted as incomplete.
- (3) if you are given the opportunity to redo a problem, you must submit the new solution along with the first submission, and you are only allowed one redo for a problem.

Unless told otherwise, you are allowed (and even encouraged) to work with your classmates on homework exercises. However, you must write your own final proofs. Dr. Knox expects all homework submissions to be your own work. Homework submissions must also follow Dr. Knox's submission guidelines in order to be accepted.

Do not

1. write up your final proof with anyone else, or
2. allow another person to read your final proof.

If you want to help someone understand how to work a problem, talk to them and give them advice or pointers, but never show them your completed work. ***Note that you are not allowed to consult other textbooks, the internet, or any apps for any of your homework exercises.*** You may consult other MSU faculty members, and you may work with other students in our class, but you are not allowed to discuss homework with anyone else. Violation of Dr. Knox's homework policy will be considered an act of academic dishonesty. ***See the***

***Academic Dishonesty section of this syllabus for possible academic sanctions when academic dishonesty occurs.***

### Exams

The dates of the exams are

- Exam One is on Friday, September 17, 2021
- Exam Two is on Monday, October 11, 2021
- Exam Three is on Monday, November 1, 2021
- Exam Four is on Monday, November 22, 2021
- The Final Exam is on Monday, December 9, 2021, 8:00am-10:00am

***If an exam is missed, every effort must be made by the student to notify Dr. Knox in a reasonable amount of time before the exam.*** It is best to call Dr. Knox rather than email her when you miss an exam.

### Academic Misconduct Policy

All work that you do that contributes to your course grade must be your own work. Any evidence that you submitted work that is not your own is considered an act of academic dishonesty. An act of academic dishonesty will be reported to the university and will result in one of the following academic sanctions:

- Receiving an incomplete on a homework assignment.
- Receiving a 0 on exam.
- Receiving a 10% deduction from your final grade.
- Receiving an F in MATH 3753.
- Receiving an F in MATH 3753 that will remain permanently on your transcript and within your MSU GPA.

The university's academic dishonesty policy can be found at

<https://msutexas.edu/student-life/assets/files/handbook.pdf>

### Desire-to-Learn (D2L)

Use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage.

### Cell Phone Policy

Please turn these off or place on silent prior to the beginning of class. All cell phones must be placed face down on the desk/table in front of you. Use of a cell phone or any other unauthorized electronic device (including earbuds) during class may result in the student's dismissal from class for the remainder of the period, in which case the student is counted absent and any graded work turned

in on that day will receive a grade of zero. Continued violation of the no cell phone use policy may result in a referral to the Dean of Students and/or the student may be withdrawn from the class by the instructor. Using a cell phone during a test will result in one of the penalties listed under the academic misconduct policy given in this syllabus.

#### Technology Requirements

Some exams may be given online in this course. These exams may be proctored. You are required to have access to technology that allows for online proctoring using the Respondus Monitoring and Lockdown Browser through D2L. You can find more information on these requirements on page 16 of the [MSU Texas Task Force to Return to Campus](#) document. In particular, you will need access to a computer with a webcam (not a Chromebook or a cell phone, ipads are compatible but not any other type of tablet) with the ability to download/use the appropriate D2L software. You can also see the specific technical requirements for D2L (including supported browsers) at <https://msutexas.edu/distance/d2l-technical-requirements.php>.

#### Student Handbook

Refer to: [student handbook](#)

#### Services for Students With Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

#### College Policies

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)