

Linear Algebra – MTH 2311, Section 01

Spring 2017

Instructor: Dr. Tracy Weyand

Email: Tracy.Weyand@baylor.edu

Office Phone Number: (254) 710-6058

Webpage(s): <http://www.baylor.edu/canvas/>
http://sites.baylor.edu/tracy_veyand/

Office Location: Sid Richardson 347

Office Hours: Monday and Wednesday 10-11am
Thursday 1-2pm
or by appointment

Class Schedule: MWF 9:05 - 9:55am in SDRICH 225

Course Description: Vectors, matrix operations, linear transformations, fundamental properties of vector spaces, systems of linear equations, eigenvalues, and eigenvectors.

Prerequisite(s): A grade of C or above in MTH 1322.

Required Textbook: *Linear Algebra and Its Applications* by David C. Lay, Steven R. Lay, and Judi J. McDondald, Fifth Edition (2016), *Text Only*, ISBN 9780321982384

Assessments

Practice problems will be assigned daily, but will not be collected. These are designed to make sure you understand the material and provide you the opportunity to practice the concepts learned in class with no negative consequences to your grade. Homework will be collected about once a month at the beginning of class. These assignments will require you to read examples in the textbook and use what you have learned in an application setting. Practice problems and homework assignments with due dates will be posted on Canvas. To view practice problems, click on “Pages” in the left side column and then “Practice Problems.”

Quizzes will also be given regularly (about twice a week) at the beginning of class, and extra time will not be given if you arrive late. Quizzes will be announced ahead of time on Canvas. Completing and understanding the practice problems assigned the previous class or two should prepare you for the quiz.

There will be three regular exams and one final exam for this course. All exams will occur in the normal classroom and regular exams will occur during normal class time. The final exam is cumulative. **Calculators are not allowed during any quiz or exam.** The (tentative) dates for the exams are as follows:

Exam 1	February 3
Exam 2	March 1
Exam 3	April 7
Final Exam	May 3, 2-4pm

Attendance and Grading Policies

Attendance and Make-up Policy: The University (College of Arts & Sciences) attendance policy states that a student who misses more than 25% of the scheduled class periods **for any reason** cannot pass the course. If you miss more than 25% of the classes (which is 11 or more for a MWF class this semester), your grade is automatically an “F”. If you miss class, you are responsible for finding out what material you missed and learning it. To find out what material you missed, please contact another student in the course.

Make-up exams will only be permitted if the absence was due to one of the following: illness, University representation, a family emergency, and limited other extreme circumstances (at my discretion). **You must inform me of the absence within 24 hours of the class period you missed or you lose the right to take a make-up exam.** If you know about it ahead of time (as in the case of University representation), you must notify me before the absence. **Documentation is required before a make-up exam will be given.** Please obtain a doctor's note if the missed class is due to illness. For a family emergency, submit an excuse from the Chaplain's Office or make certain that the Chaplain's Office notifies me of the reason for the absence.

Only the highest 3 homework and 20 quiz grades will be used to calculate your final grade even though more will be given throughout the semester. For this reason, late homework will not be accepted and make-up quizzes will not be given. If you know you are going to be absent, you may turn in your homework ahead of time.

Grades: At the end of the semester, I will report to the University the grade you have **earned** based on the point scale below. The table on the left shows the number of points each type of assessment is worth. The table on the right shows what your final grade will be based on how many points you earned throughout the semester. **Note: If a C in MTH 1321 is a prerequisite for another course, a C- will not allow you to register for that course.**

Assessment	Points
Homework	30
Quizzes	100
Exams	100 each
Final Exam	170
Total	600

Grade Distribution			
600 - 543 A	530 - 519 B+	470 - 459 C+	410 - 399 D+
542 - 531 A-	518 - 483 B	458 - 423 C	398 - 363 D
	482 - 471 B-	422 - 411 C-	362 - 351 D-
			350 - 0 F

Course Policies

Honor Code: *Baylor University students, staff, and faculty shall act in academic matters with the utmost honest and integrity.* This means that I have the responsibility to (1) clarify my expectations so you know what I consider to be academic misconduct, (2) report any violations to the Office of Academic Integrity, and (3) enforce consequences. A brief summary is listed below.

- You should discuss practice problems with classmates, and you may receive assistance from sources other than myself (such as the Success Center or Math Lab). You may also use a calculator or math app/software to double check your work. Remember that you will need to complete the quiz on your own, so make sure you understand how you arrived at the correct answer.
- You may discuss homework assignments with classmates, but you should not complete them together. Write up your final work for submission while you are alone; I will notice multiple homework assignments that look identical and report them. You may **NOT** ask tutors for assistance with homework assignments, nor should you use the internet or solution manuals to search for answers. **You will not receive full credit unless all work is shown in detail with complete explanations.**
- Quizzes and exams must be completed on your own without discussing it with anyone; I am the only person you should ask for clarifications. No books, notes, or electronic devices (**including calculators and cell phones**) are allowed out during an assessment.

There may occasionally be exceptions to these rules and if there are, they will be listed on the top of that assignment, quiz, etc. When in doubt, it is best to ask me or don't do it. Consequences will depend on the severity of the offense and may result in failure of the course. It is a student's responsibility to be familiar with the Honor Code: please see <http://www.baylor.edu/honorcode> for details.

ADA Policy: Any student who needs academic accommodations related to a documented disability should inform me immediately at the beginning of the semester. You are responsible for obtaining appropriate documentation and information regarding accommodations from the Baylor University Office of Access and Learning Accommodation (OALA). The OALA phone number is (254) 710-3605 and the office is in the Paul L. Foster Success Center - Sid Richardson, Room 190.

Title IX Office: If you or someone you know would like help related to an experience of sexual violence including sexual assault, harassment, domestic violence, dating violence, stalking or other type of non-consensual sexual conduct, please contact Kristan Tucker, the Title IX Coordinator at Baylor University, by email (Kristan.Tucker@baylor.edu) or phone (254-710-8454).

Dropping a Course: January 25 is the last day to drop a course without it appearing on your transcript. If you drop a course between January 25 and March 27, a “W” (withdrawal) will appear on your transcript. You cannot withdraw from a course after March 27.

Expectations and Assistance

Course Preparation: You should plan to study for at least 2 to 3 hours after each class. **This is 6 to 9 hours a week**, not including class time or additional preparation for exams. Since math builds on itself, it will be extremely difficult to earn an acceptable grade without keeping up. You need to master the previous material before coming to the next class or you will find class difficult to follow and participate in. Consistent class attendance and preparation will facilitate the ability to meet your grade expectations.

Getting Help: Many students struggle academically in at least one or two courses during any given semester, and in my experience this is frequently one of those courses. If this occurs, consider the campus resources that are available to you.

- Please come to my office hours for extra assistance and clarification outside of class.
- The Math Lab is in Sid Richardson 326. It is open 3-5pm on Monday, Wednesday, and Friday, 3:20-5pm on Tuesday, and 6-8pm Monday through Thursday.
- The Paul L. Foster Success Center on the first floor of Sid Richardson offers free tutoring in many subjects, including linear algebra. A schedule can be found at https://www1.baylor.edu/SC_Tutoring/.
- The math department has a list of private tutors at <http://www.baylor.edu/math/index.php?id=54034>.

There is more information about these resources (along with links) on my MTH 2311 webpage at http://sites.baylor.edu/tracy_veyand/mth-2311-01-linear-algebra/.

Other Important Dates:

January 16 Martin Luther King Jr. Day	April 4 Diadeloso
January 25 Last day to drop a course	April 14-17 Easter Break
March 6-10 Spring Break	May 1 Last day of class
March 27 Last day to withdrawal from a course	May 3-8 Final Exams

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