

# Math 2700 Linear Algebra and Vector Geometry

Summer 5WK1 2021

<b>Instructor:</b> Blake Norman	<b>Office:</b> GAB 478 (I will not be in my office this semester)
<b>Office/Zoom hours/policy:</b> MW 1:00-2:00 or by appointment. (Click the Zoom tab in Canvas for the Zoom link)	<b>Email:</b> <a href="mailto:BlakeNorman@my.unt.edu">BlakeNorman@my.unt.edu</a> <b>Policy:</b> May not be used in lieu of attendance. Include course name, number and section and your full name in the subject header. Email without this information may not get opened. Email will be returned in a timely manner, but may occasionally take up to two (2) business days.
<b>Class meets:</b> MTWR 10:00-11:50 (Click the Zoom tab in Canvas for the Zoom link)	<b>Final Exam date:</b> July 2. <a href="http://registrar.unt.edu/exams/final-exam-schedule">http://registrar.unt.edu/exams/final-exam-schedule</a>
<b>Course Structure:</b> This is a remote synchronous course. Students are expected to attend each lecture via Zoom.	
<b>Course description:</b> Vector spaces over the real number field; applications to systems of linear equations and analytic geometry in $E^n$ , linear transformations, matrices, determinants and eigenvalues.	
<b>Course Textbook:</b> The textbook is Linear Algebra and Its Applications by David Lay, Stephen Lay, Judi MacDonald (5 <sup>th</sup> edition).	
<b>Calculator Policy:</b> TI 83, TI 83 Plus, TI 84, TI 84 Plus or equivalent, their use will be supported in class. Examples of calculators not allowed: TI-Nspires, TI 92'2 or any other utility with alphanumeric/CAS capabilities ARE NOT permitted, nor are any devices which are capable of connecting to other devices or the internet. A calculator may not be shared during an exam.	
<b>Evaluation:</b>  Homework                      20%  Midterm Exams                15% each  Final Exam                      20%	<b>Grade Assignment:</b>  A: [90%, 100%); B: [80%, 90%); C: [70%, 80%); D: [60%, 70%); F: [0%, 60%).  Be aware of any minimum grade based on your major or other course requirements.
<b>Grade Determination:</b> Student grade is determined solely by his/her performance on the evaluation criteria. Grades reflect your proficiency of the course content as you have demonstrated them on the evaluation criteria.	

## **Policies directly affecting grades/grading**

**Homework:** Most of the homework assignments will be found directly on Canvas. Homework is due at 11:59 pm on the date listed. You will complete the homework problems on your own paper and scan and upload your assignment into Canvas in pdf format. Assignments are given throughout the week as specified in the calendar. To successfully complete the assignments, you must carefully manage your time.

### **Getting the most out of the homework**

- You should have a dedicated notebook for your math homework. Carefully write out your work, especially noting the questions you struggled with. This should form a substantial part of your review material prior to the exams.
- Homework is one piece of your learning process in this course, but successful completion of the homework assignments should not be considered sufficient preparation for exams. Discuss with your instructor what else you should be doing to get prepared.

**Midterm Exams:** Four in-class exams are planned for this semester. Keep a record of all your scores. Each exam is 15% of the course. Tentative dates are listed on the attached calendar. The final exam is comprehensive.

**Final Exam: The final exam is on July 2. The final exam is comprehensive and is 20% of the course grade.**

### **Online Exams**

- **Exams will be administered online through Canvas.**

**Drop/Withdrawal Policy:** If the student is unable to complete this course, it is his/her responsibility to formally withdraw from the course. Students may drop a course from their student portal on [my.unt.edu](http://my.unt.edu) (and depending on the date, may be eligible for at least a partial refund). Students may drop a course by following the instructions at <https://registrar.unt.edu/registration/dropping-class>. The last date to withdraw from all of your classes is 6/25. If the student does not properly withdraw from the course but stops attending, s/he will receive a performance grade, usually an F.

If you are considering dropping, it is strongly recommended that you discuss the matter with me as soon as possible.

Changes to the University's policy may affect this. Please contact the Registrar for further questions.

**Incomplete, the Grade of:** Beginning 6/26, a student that qualifies may request a grade of "I", incomplete. An "I" is a non-punitive grade given only if ALL three of the following criteria are satisfied. They are:

- The student is passing the course;
- The student has a justifiable (and verifiable) reason why the work cannot be completed as scheduled; and
- The student arranges with the instructor to complete the work within one academic year.

**Make-up Exam Policy:** An exam may be taken prior to the scheduled date. You must provide a week's notice for this accommodation via email. If a student does not take a scheduled exam, a zero will be recorded for that exam and a notice may be sent through the registrar's office.

**Attendance Policy:** Students are required to attend each lecture via Zoom.

**Important dates:** The list is found at: <https://registrar.unt.edu/registration-guides-by-semester>

Classes Begin	6/1
Beginning this date a student may drop a course with a grade of W by completing the Request to Drop a Course form and submitting it to the Registrar's Office. See <a href="#">link</a> for complete instructions <a href="#">Dropping a Class</a> .	6/5
Beginning this date, a student who qualifies may request an Incomplete, with a grade of I.	6/26
Last day to withdraw (drop all classes). Grades of W are assigned.	6/25
Final Exams	6/2

### COVID-19 Impact on Attendance

While attendance is expected as outlined above, it is important for all of us to be mindful of the health and safety of everyone in our community, especially given concerns about COVID-19. Please contact me if you are unable to attend class because you are ill, or unable to attend class due to a related issue regarding COVID-19. It is important that you communicate with me prior to being absent so I may make a decision about accommodating your request to be excused from class.

If you are experiencing any [symptoms of COVID-19](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>) please seek medical attention from the Student Health and Wellness Center (940-565-2333 or [askSHWC@unt.edu](mailto:askSHWC@unt.edu)) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Hotline at 844-366-5892 or [COVID@unt.edu](mailto:COVID@unt.edu) for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure. While attendance is an important part of succeeding in this class, your own health, and those of others in the community, is more important.

### Additional Course and University Policies

**Academic Integrity Standards and Consequences.** According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

**ADA Accommodation Statement.** UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the [ODA website](#). You may also contact them by phone at 940.565.4323.

**Emergency Notification & Procedures.** UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

**Classroom Etiquette:** Appropriate behavior is expected of all students taking this course. Arrive to class promptly and do not leave until the scheduled ending time of the class. Turn off all non-medical electronic devices such as pagers, cell phones, laptops, etc. Do not read newspaper or work on unrelated assignments during class. I prefer that you not eat during class.

**Course Requirements:** As a general rule, average college students are expected to spend two (2) hours per week for each one (1) hour of class working on the course to be able to successfully learn the content. If you are an “average” college-level learner, you should spend about twelve (12) hours per week if you expect to successfully complete this course. Adjust for more (or less) hours to accommodate your learning level.

**Math Lab** (Location: Sage 130): Go to the website: <https://learningcenter.unt.edu/math-lab> for information.

**Acceptable Student Behavior: Review to make sure it matches for your course. The text below is from the recommended statements**

Student behavior that interferes with an instructor’s ability to conduct a class or other students’ opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be referred to the Dean of Students to consider whether the student’s conduct violated the Code of Student Conduct. The University’s expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at [deanofstudents.unt.edu/conduct](http://deanofstudents.unt.edu/conduct)

### **Prohibition of Discrimination, Harassment, and Retaliation (Policy 16.004)**

The University of North Texas (UNT) prohibits discrimination and harassment because of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

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### **Retention of Student Records**

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however,

information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

### **Technical Assistance**

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

**UIT Help Desk:** <http://www.unt.edu/helpdesk/index.htm>

**Email:** [helpdesk@unt.edu](mailto:helpdesk@unt.edu)

**Phone:** 940-565-2324

**In Person:** Sage Hall, Room 330

**Student Perceptions of Teaching (SPOT):** Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The SPOT survey will be made available later this semester to provide you with an opportunity to evaluate how this course is taught. You will receive an email on from "UNT SPOT Course Evaluations via IASystem Notification"(no-reply@iasystem.org) with the survey link. Please look for the email in your UNT email inbox. Simply click on the link and complete your survey. Once you complete the survey you will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website at [www.spot.unt.edu](http://www.spot.unt.edu) or email [spot@unt.edu](mailto:spot@unt.edu).

## **Important Notice for F-1 Students Taking Distance Education Courses**

### **Federal Regulation**

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please visit the [Electronic Code of Federal Regulations](http://www.ecfr.gov) website. The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

## **University of North Texas Compliance**

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the

completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

- (1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.
- (2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the [UNT International Student and Scholar Services Office](#) by telephone 940-565-2195 or email [internationaladvising@unt.edu](mailto:internationaladvising@unt.edu) to get clarification before the one-week deadline.

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## **Sexual Assault Prevention**

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct. Federal laws and UNT policies prohibit discrimination on the basis of sex as well as sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking and/or sexual assault, there are campus resources available to provide support and assistance. The Survivor Advocates can be reached at [SurvivorAdvocate@unt.edu](mailto:SurvivorAdvocate@unt.edu) or by calling the Dean of Students Office at 940-565-2648. Visit [Title IX Student Information](#) for more resources.

## **Undocumented Students**

Please see UNT'S [Resources for DACA Students](#) web page for more information.

## **Web Accessibility & Privacy**

Please find the web accessibility and privacy statements for UNT, Canvas, and all CLEAR supported technologies below.

### **UNT**

- [Web Accessibility Policy](#)
- [Privacy Statement](#)

### **Canvas/Instructure**

- [Accessibility Statement](#)
- [Privacy Policy](#)

### **CLEAR Supported Technologies**

- See [CLEAR's Supported Technologies web page](#) for links to Accessibility Statements and Privacy Policies.

## **Copyright Notice**

Materials used in connection with this course may be subject to copyright protection. Materials may



include, but are not limited to: documents, slides, images, audio, and video. Materials in this course website are only for the use of students enrolled in this course, for purposes associated with this course, and may not be retained for longer than the class term. Unauthorized retention, duplication, distribution, or modification of copyrighted materials is strictly prohibited by law. For more information, visit the [UNT Policy Office](#) or [Copyright.gov](#).

## **Student Support Services**

### **Mental Health**

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](#)
- [Counseling and Testing Services](#)
- [UNT Care Team](#)
- [UNT Psychiatric Services](#)
- [Individual Counseling](#)

### **Chosen Names**

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- [UNT Records](#)
- [UNT ID Card](#)
- [UNT Email Address](#)
- [Legal Name](#)

*\*UNT EUIDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.*

### **Pronouns**

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don't assume someone's name, we should also ask and not assume someone's pronouns. You can [add your pronouns to your Canvas account](#) so that they follow your name when posting to discussion boards, submitting assignments, etc.

Below is a list of additional resources regarding pronouns and their usage:

- [What are pronouns and why are they important?](#)
- [How do I use pronouns?](#)
- [How do I share my pronouns?](#)
- [How do I ask for another person's pronouns?](#)
- [How do I correct myself or others when the wrong pronoun is used?](#)

### **Additional Student Support Services**

- [Registrar](#)
- [Financial Aid](#)
- [Student Legal Services](#)
- [Career Center](#)
- [Multicultural Center](#)

- [Counseling and Testing Services](#)
- [Pride Alliance](#)
- [UNT Food Pantry](#)

#### **Academic Support Services**

- [Academic Resource Center](#)
  - [Academic Success Center](#)
  - [UNT Libraries](#)
  - [Writing Lab](#)
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## Course Calendar:

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1:	05/31/21	06/01/21	06/02/21	06/03/21	06/04/21
		Material to cover: 1.1,1.2,1.3	HW 1 due Material to cover: 1.3,1.4,1.5,1.7	HW 2 due Material to cover: 1.7,1.8 Review	
Week 2:	06/07/21	06/08/21	06/09/21	06/10/21	06/11/21
	HW 3 due Exam 1 Material to cover: 1.8,1.9	Material to cover: 1.6,1.10,2.1	HW 4 due Material to cover: 2.2,2.3,2.4,2.5	HW 5 due Material to cover: 2.5,2.6 Review	
Week 3:	06/14/21	06/15/21	06/16/21	06/17/21	06/18/21
	HW 6 due Exam 2 Material to cover: 2.8	Material to cover: 2.9,3.1,3.2	HW 7 due Material to cover: 3.3,4.1,4.2,4.3	HW 8 due Material to cover: 4.3,4.4,4.5 Review	
Week 4:	06/21/21	06/22/21	06/23/21	06/24/21	06/25/21
	HW 9 due Exam 3 Material to cover: 4.6,4.7	Material to cover: 5.1,5.2,5.3	HW 10 due Material to cover: 5.3,5.4,5.5 Review	HW 11 due Material to cover: 5.6,5.7 Review	
Week 5:	06/28/21	06/29/21	06/30/21	07/01/21	07/02/21
	HW 12 due Exam 4 Material to cover: 6.1,6.2	Material to cover: 6.3,6.4,6.5	HW 13 due Material to cover: 7.1,7.2,7.4	Material to cover: Review	Final Exam

\*\*The highlighted sections will only be covered if time allows.