

College Algebra

Math 1100.540 Fall 2025

Instructor Contact Information

Name	Julie Thompson
Office Location	FRLD 366
Office Hours	MW 1:00PM–3:15PM or by appt.
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If you have a general question about the course, please send me a **Canvas message** (preferred) or an email with **“MATH 1100.540” in the subject line**. *To protect your privacy, I will only reply to emails sent from your UNT account.*

I will check my Canvas messages and email every day (except weekends and holidays), and you can expect a response within one day. If you message me on Friday or over the weekend, expect a response by the following Monday!

Course Information

Course Title	College Algebra
Course Number	MATH 1100
Course Section	540
Class Meeting Time	MW 11:00AM - 12:20PM Location: FRLD 228
UGMT Course	TR 9:30AM - 10:50AM Location: FRLD 228
Course Description	Designed to build technical proficiency in algebra for students who will need strong algebra skills in a higher-level mathematics course. Study of polynomial, radical, rational, logarithmic and exponential functions with applications; building functions from data; systems of equations. Note that MATH 1100 at UNT does not satisfy the mathematics component of the core curriculum. Students who feel they acquired solid algebra skills in high school are strongly encouraged to take the mathematics placement exam to begin in a higher-level mathematics course.
Course Pre-Requisites	Two years of high school algebra and one year of geometry, and consent of department. A grade of C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses.

Course Title	College Algebra
Course Objectives	<p>Upon successful completion of this course, students will:</p> <ol style="list-style-type: none"> 1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses. 2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations. 3. Apply graphing techniques. 4. Evaluate all roots of higher degree polynomial and rational functions. 5. Recognize, solve and apply systems of linear equations using matrices.
Course Structure	This is a 16-week course that meets face-to-face in a classroom two times a week (four times including the UGMT section). We will treat this as a course that meets four days a week. The course will cover 8 modules, and you will be assessed by completing 5 exams, 2 quizzes, and a cumulative final exam.

Calculator Policy

Calculators are **not** allowed in this course. Occasionally, you will be asked to use a scientific calculator on your homework.

Course Technology & Skills

Minimum Technology Requirements	<ul style="list-style-type: none"> • Access to a Computer • Reliable internet access • Canvas Technical Requirements • Using iClicker during class
Computer Skills & Digital Literacy	<ul style="list-style-type: none"> • Using Canvas • Using email with attachments • Scanning documents and saving as PDF

Early Math Support Lab

Location	Sage Hall Room 120A
Days/Hours	Monday – Thursday: 1 pm – 5 pm

Learning Center: Math Lab

Location	Sage Hall Room 130
Days/Hours	Monday – Thursday: 9am – 5pm Friday: 9am – 3pm
Additional information	UNT Math Lab

Assessment

Evaluation components include activities, attendance, homework, modules exams and the final exam.

Description of each component follows:

- Student Success Activities – 5%
- Attendance – 5%
- ALEKS Homework– 10%
- Modules 1 & 2 Exam– 10%
- Module 3 Quiz – 5%
- Module 4 Exam – 10%
- Module 5 Exam – 10%
- Module 6 Exam – 10%
- Module 7 Exam – 10%
- Module 8 Quiz – 5%
- Final Exam – 20%

Course Grade

Your course grade is determined by your performance on the graded items. There will be no opportunity for extra credit after the final exam. Your grades will be posted in Canvas Grades.

- A: $[90, \infty)$
- B: $[80, 90)$
- C: $[70, 80)$
- D: $[60, 70)$
- F: $[0, 60)$

Student Success Activities

UGMT Assignments may be completed during or outside of class time. Activities may include time management, learning styles, group work, self-reflection writing prompts, etc. Please see Canvas for details on the assignments and their due dates throughout the semester.

Attendance

Attendance will be taken every class period and will be worth 5% of the course grade. The attendance grade will be determined by the number of absences. Every student will begin with an attendance grade of 100% and will be allowed 4 free absences that will NOT affect the attendance grade. After four unexcused absences, the attendance grade will decrease by 5 points. For example, if a student misses 7 days of class, then the student will receive an attendance grade of 85%. Students are expected to treat this course as a lecture class that meets 4 days a week. That means attendance of the UGMT section is required. Missing days that we meet for the UGMT course will affect your overall attendance grade.

Homework

Students will complete homework via ALEKS. Working through the material in ALEKS is essential for learning and developing the math skills that are the objectives of this course. Due dates as listed in ALEKS and Canvas and there will be **NO** late work accepted. At the end of the term, three (3) lowest grades will be dropped from the calculation of the homework average.

Required Course Materials

This course has digital components. To fully participate in this class, students will need internet access to reference content on the Canvas Learning Management System and ALEKS. If circumstances change, you will be informed of other technical needs to access course content. Information on how to be successful in a digital learning environment can be found at [Learn Anywhere](https://online.unt.edu/learn) (<https://online.unt.edu/learn>).

McGraw-Hill's ALEKS. You will access your math course platform via Canvas. The course content (assignments, help tools, textbook, etc.) is delivered in the online platform Canvas (<https://unt.instructure.com>). Register in ALEKS the first-class day of the semester. No extensions will be given for any missed assignments for any reason. Not having access to ALEKS is not an exception. ALEKS access will include eText College Algebra with Corequisite Support, 1e Edition, by Miller/Gerken.

ALEKS grants a no-cost, temporary 14-day access. You **must purchase your access** before the temporary access expires. **If you do not make the purchase before the temporary period ends, you may lose credit for all work previously completed.** Use your official UNT roster name when you register in ALEKS. I cannot give credit to a student enrolled in this course for work completed under a different name.

You must purchase the following:

- COREQUISITE ALEKS 360CARD COLLEGE ALGEB. Publisher: McGraw-Hill ISBN: 9781266387142

Quizzes

There will be two (2) quizzes given during the semester. There are no retakes of quizzes. Quizzes may be given in the associated UGMT class. Please see the calendar for details.

Exams

There will be five (5) exams given during the semester. There are no retakes on exams. Exams may be given in the associated UGMT class. Please see the calendar for details.

Final Exam

The Final Exam is comprehensive and will test the student's math skills on all content covered throughout the entire semester. This exam will be taken during the last week of classes at the time specified in the official [Final Exam Schedule](#).

Important Course Policies

Academic Dishonesty

Cheating will not be tolerated. Any student found cheating will receive a zero on the assignments; and may receive an F for the course, if found cheating on an exam. A report will be filed with the Office of Academic Integrity. Cheating includes, but is not limited to, discussing exam items with any student currently enrolled in this course; posting exam items and/or exam-related questions on messaging apps; accessing notes, textbook, or ANY source of help during a test AND providing help as well.

If a 0 was received on an exam or other assignment due to academic dishonesty, that zero **will not** be dropped from your average at the end of the semester.

The [Academic Integrity Policy \(PDF\)](#) states: 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.

GenAI Use

Prohibited Use: *In this course, I want you to engage deeply with the materials and develop your own critical thinking and writing skills. For this reason, the use of Generative AI (GenAI) tools like ChatGPT is not permitted. While these tools can be helpful in some contexts, they do not align with our goal of fostering the development of your independent thinking. Using GenAI to complete any part of an assignment, exam, or coursework will be considered a violation of academic integrity, as it prevents the development of your own skills, and will be addressed according to the [Student Academic Integrity policy](https://policy.unt.edu/policy/06-003) (<https://policy.unt.edu/policy/06-003>).*

ADA Policy

The University of North Texas makes reasonable accommodations for students with disabilities. To request accommodations, you must first register with the Office of Disability Access (ODA) by completing an application for services and providing documentation to verify your eligibility each semester. Once your eligibility is confirmed, you may request your letter of accommodation. ODA will then email your faculty a letter of reasonable accommodation, initiating a private discussion about your specific needs in the course. You can request accommodations at any time, but it's important to provide ODA notice to your faculty as early as possible in the semester to avoid delays in implementation. Keep in mind that you must obtain a new letter of accommodation for each semester and meet with each faculty member before accommodations can be implemented in each class. You are strongly encouraged to meet with faculty regarding your accommodations during office hours or by appointment. Faculty have the authority to ask you to discuss your letter during their designated office hours to protect your privacy. For more information and to access resources that can support your needs, refer to the [Office of Disability Access](https://studentaffairs.unt.edu/office-disability-access) website (<https://studentaffairs.unt.edu/office-disability-access>).

Attendance/Active Participation

Research has shown that students who attend class are more likely to be successful. You should attend every class unless you have a university excused absence such as active military service, a religious holy day, or an official university function as stated in the [Student Attendance and Authorized Absences](#) Policy.

If you cannot attend a class due to an emergency, please let me know. Your safety and well-being are important to me.

In this class, attendance means physically attending class and staying actively engaged in discussions, along with taking notes. As a side note, I have great respect for students who are balancing the demands of their coursework along with the responsibilities of life beyond the classroom. However, if you run into challenges that cause you to fall behind in class, please contact me immediately so we can work together, as there may be resources available to assist and support you.

Examination Policy

There will be five (5) exams during the semester. Keep a record of all your scores. Be sure to review your exam once it has been reviewed by the instructor and officially graded. Be sure to review your exam upon receiving it. Check your written exam grade with the grade posted online to ensure that they are the same. Each exam is 10% of the course grade.

The final exam is required for everybody to take.

Examination Etiquette

Exams will be taken in the classroom during our regular class meetings. When it is time for the exam, the following lists the expectations:

- Place all papers, textbooks, notes, etc. in a backpack or a book bag and close it securely.
- Turn off/remove all electronic devices (unless medically necessary), this includes cell phones, headphones, laptops, smartwatches, etc.
- Handling of ANY such electronic devices during an exam will be construed as cheating (receiving unauthorized aid) and may result in a zero for that exam.
- Do not wear hats or caps with brims during exams.
- Do not share any materials during an exam. This includes, but is not limited to pencils, erasers, calculators, etc.
- Have only the exam, pencil(s), and an eraser out on table. There will be space to show work on the actual exam.
- You will not be permitted to have any of your own scratch paper during an exam.

If you miss an exam, a grade of zero will be recorded for that exam. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

Missed Exam Policy

- **Advanced notice of absence:** If you have a known conflict with a scheduled exam date, you may request to take your exam early. The request must be sent to Canvas Inbox at least one week prior to the scheduled exam date, as this allows enough time to make proper adjustments/arrangements. 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.
- **University excused absence:** if you have a university excused absence such as active military service, a religious holy day, or an official university function as stated in the [Student Attendance and Authorized Absences Policy \(PDF\)](#), and provide me documentation within 2 business days of the missed exam, then the zero will be replaced by your final exam grade (this includes missing an exam due to illness). If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.
- **Unexcused Absence:** If you miss an exam, a zero will be recorded for that exam grade and your final exam score will replace that one zero, up to a maximum grade of 75%. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

Late Work Policy

UNT is a community of dreamers and doers who pursue excellence in everything. With that in mind, there are standards and expectations set for the class, which includes that work will be completed and submitted by the posted due date. If an assignment is not completed and submitted by the due date, then unfortunately a grade of zero will be recorded.

Important Dates

- [Regular Registration Ends](#): August 14
- [Late Registration](#): August 15 - August 22
- **Last Day to Withdraw from Entire Term on myUNT**: August 17
- **Classes Begin**: August 18
- **Midpoint of the Semester**: October 10
- **Last Day to Drop a Course with a W**: November 7
- **First Day to Request a Grade of Incomplete**: November 8
- [Pre-Finals Days](#): December 3-4
- **Reading Day**: December 5
- **Final Exam Week**: December 6 - December 11
- **Semester Ends**: December 12

Emergency Notification and 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 Canvas for contingency plans for covering course materials. [Emergency Notifications and Procedures Policy \(PDF\)](https://policy.unt.edu/policy/06-049) (<https://policy.unt.edu/policy/06-049>).

Changes to Syllabus

Changes made to the syllabus will be posted as an announcement in Canvas, so make sure that notifications in Canvas are set correctly.

Tentative Schedule

Week	Date	Topic
Week 1	08/18/25	Syllabus and Overview of Course M1A Order of Operations & Fractions
	08/19/25	M1A continued M1B Radical Expressions & Rationalizing Radicals
	08/20/25	M1C Solving Linear Equations & Inequalities
	08/21/25	M1D Graphing Linear Equations
Week 2	08/25/25	M1D continued M1E Slope Formula & Equations of Lines
	08/26/25	M1E continued M2A Intro to Functions
	08/27/25	M2B Domain/Range of Functions
	08/28/25	M2C Distance & Midpoint M2D Piecewise Functions
Week 3	09/01/25	Labor Day: No Class!
	09/02/25	M1 and M2 Review
	09/03/25	M1 & M2 Exam
	09/04/25	M3A Evaluate Functions
Week 4	09/08/25	M3A continued M3B Rate of change & difference quotient
	09/09/25	M3C Algebra of Functions
	09/10/25	M3D Composition of Functions
	09/11/25	M3E Inverse Functions
	09/15/25	M3 Review

Week 5	09/16/25	M3 Quiz
	09/17/25	M4A Absolute Value Equations & Inequalities
	09/18/25	M4A continued M4B Complex Numbers
Week 6	09/22/25	M4C Factoring Review
	09/23/25	M4C continued
	09/24/25	M4D Solve Equations & Inequalities by Factoring
	09/25/25	M4D continued M4E Solve Equations Multiple Methods
Week 7	09/29/25	M4E continued
	09/30/25	M4 Review
	10/01/25	M4 Exam
	10/02/25	M5A Solve Rational Equations & Inequalities
Week 8	10/06/25	M5A continued
	10/07/25	M5B Solve Radical Equations
	10/08/25	M5C Logarithms
	10/09/25	M5D Solve Exponential & Log Equations
Week 9	10/13/25	M5D continued
	10/14/25	M5 Review
	10/15/25	M5 Exam
	10/16/25	M6A Transformations
Week 10	10/20/25	M6A continued
	10/21/25	M6B Symmetry & Even and Odd functions
	10/22/25	M6C Graphing Quadratic functions
	10/23/25	M6C continued
Week 11	10/27/25	M6D Graphing Rational functions
	10/28/25	M6 Review
	10/29/25	M6 Exam
	10/30/25	M7A Graphing Polynomial Functions
Week 12	11/03/25	M7A continued
	11/04/25	M7B Polynomial Division & Theorems
	11/05/25	M7B continued M7C Graphing Radical Functions
	11/06/25	M7D Graphing Exponential Functions
Week 13	11/10/25	M7E Graphing Logarithmic Functions
	11/11/25	M7 Review
	11/12/25	M7 Exam
	11/13/25	M8A Linear Applications
	11/17/25	M8A continued
	11/18/25	M8B Quadratic Applications

Week 14	11/19/25	M8C Exponential Applications
	11/20/25	M8D System (Matrix) Applications
Thanksgiving Break	11/24/25	Thanksgiving Break – No Classes!
	11/25/25	
	11/26/25	
	11/27/25	
Week 15	12/01/25	M8D continued
	12/02/25	M8 Review
	12/03/25	M8 Quiz
	12/04/25	Final Exam Review
Week 16	Date and Time TBD	Comprehensive Final Exam

The final exam schedule for UNT Frisco campus will be published soon at the following link:

<https://registrar.unt.edu/exams/final-exam-schedule/fall.html>

Welcome to UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full Non-Discrimination Policy can be found in the UNT Policies section of the syllabus.

UNT Policies

In addition to standards for success in courses, there are UNT policies and procedures in place to support students. You can access these policies in Navigate (Navigate.unt.edu), in Canvas under the Help menu, in EIS, and on the [Student Support Services & Policies](#) page, which includes:

- Policies include:
 - Prohibition of Discrimination, Harassment and Retaliation, Academic Integrity Policy, ADA Policy and Retention of Student Records
- Student Expectations and Preferences include:
 - Acceptable Student Behavior, Use of Student Work, Important Notice for F-1 Students Taking Distance Education Courses, Student Verification
- Student Wellness and Academic Resources include:
 - Survivor Advocacy, Mental Health, Technical Assistance, Academic Support Services and Additional Student Support Services
- Communications include:
 - Eagle Connect, Emergency Notification and Student Evaluation Administration Dates

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis 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 will not be tolerated.
- Treat your instructor and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Speak from personal experiences. Use "I" statements to share thoughts and feelings. Try not to speak on behalf of groups or other individuals' experiences.
- Use your critical thinking skills to challenge other people's ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as "YELLING!"
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using "text-talk" unless explicitly permitted by your instructor.
- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you type.

Online Course system

The University is committed to providing a reliable online course system to all users. However, 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	UIT Help Desk (http://www.unt.edu/helpdesk/index.htm)
Email	helpdesk@unt.edu
Phone	940.565.2324
Phone hours	Sunday: noon – midnight Monday-Thursday: 8am-midnight Friday: 8am-8pm Saturday: 9am-5pm
In Person	Sage Hall, Room 130
Walk-in Availability	8am – 9pm
Laptop Checkout	8am – 7pm
Canvas technical requirements	For additional support, visit Canvas Technical Help (https://community.canvaslms.com/docs/DOC-10554-4212710328)