



University of North Texas
College of Science
Mathematics Department
MATH 1100
Fall 2026

Instructor Contact Information

Name	Ms. Lauren De La Rosa
Office location	GAB 437
In-person Tutoring hours	Tuesdays & Thursdays from 12:00 pm to 12:30 pm and 2:15 pm to 2:45 pm
Virtual Tutoring Hours	By appointment; Monday, Wednesday, & Friday from 11 am to 2 pm Please use the following link to view my availability and schedule an virtual appointment. Schedule a virtual appointment with me
Preferred Contact Method	Canvas Inbox
Email Address	Lauren.DeLaRosa@unt.edu <i>The best way to contact me about this course is through the Canvas Inbox. Using Canvas automatically identifies your course and section and helps me keep course-related messages organized.</i> <i>If you need to contact me through UNT email instead, please include the course name, course number, section number, and your full name in the subject line.</i> <i>I typically respond within one business day. However, please allow up to two business days in some cases. Messages received on weekends or university holidays may not receive a response until the next business day.</i>

Course Information

Course Title	College Algebra
Course Number	MATH 1100
Course Section	400, 410, & 420
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.
Preparing for Your Next Math Course	Your performance in MATH 1100 helps determine your next mathematics course. Students who earn an A or B in MATH 1100 are eligible to progress directly to MATH 1650. Students who earn a C will continue through the slower precalculus/calculus sequence. Because your performance in this course can affect your path through subsequent mathematics courses, you are strongly encouraged to stay current with assignments, seek assistance early when needed, and work toward mastery of the course material rather than simply earning a passing grade.

Course Title	College Algebra
Course Objectives	Upon successful completion of this course, students will: 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 course takes place 100% online and your interaction with me and with your fellow students will take place in Canvas. There are 16 weeks of content that you will move through. The course will cover 5 modules and you will be assessed by completing 3 exams and a cumulative final exam.
Course Outline	View the Course Calendar for specific topics and dates.
Course Materials	Hawkes learning platform. 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 Hawkes the first class day of the semester. No extensions will be given for any missed assignments for any reason. Not having access to Hawkes is not an exception. Hawkes access will include eText <u>College Algebra Plus Integrated Review, 3rd Edition</u>, by Sisson/Paul. You must purchase the following: • College Algebra Plus Integrated Review, 3rd Edition Software + eBook ISBN: 9781642772869 Hawkes grants a no-cost trial 14-day access. You must purchase your access before the temporary access expires. If you do not make the purchase before trial period ends, you may lose credit for all work previously completed. See information in the Introduction Module for purchase information. Do NOT create more than one account. If you create duplicate accounts, you will lose all progress from inactive accounts and/or accounts not properly synced with Hawkes.
Calculator policy	Calculators are not allowed in this course. Occasionally, you may be asked to use a scientific calculator on your homework. However, there are no calculators allowed on any of our exams
Teaching Philosophy	As individuals, we bring different points of view, experiences, and gifts/talents to the classroom, which means we can learn from each other. My goal is to encourage students and build up their math confidence, help emphasize the importance of organization (whether it is taking notes, studying or time-management) and instill in them a desire to be curious.

Course Technology & Skills

Minimum Technology Requirements

- Computer, tablet, or laptop that is compatible with all required apps for the course
- A smartphone is not sufficient
- Reliable internet access
- Webcam and microphone for proctored testing
- Speaker for Zoom sessions
- [Canvas Technical Requirements](https://clear.unt.edu/supported-technologies/canvas/requirements) (<https://clear.unt.edu/supported-technologies/canvas/requirements>)
- [Hawkes Technical Requirements](https://support.hawkeslearning.com/supportcenter/index.php?/article/AA-00563/36/) (<https://support.hawkeslearning.com/supportcenter/index.php?/article/AA-00563/36/>)

Computer Skills & Digital Literacy

- Navigate Canvas and Hawkes
- Message electronically through Canvas Inbox
- Download and install course software, Respondus Lock Down Browser
- Complete assignments online (Canvas, Hawkes)
- Using email with attachments
- Scanning documents and saving as PDF
- Upload documents to Canvas

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)

<http://www.unt.edu/helpdesk/index.htm>

Email

helpdesk@unt.edu

Phone

940.565.2324

In Person

Sage Hall, Room 130

Canvas technical requirements

For additional support, visit [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328) (<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

Assessment and Grading

Assignment	Percentage of Final Grade
Exam 1 - (Modules 1 & 2,)	15%
Exam 2 - (Module 3)	15%
Exam 3 – (Module 4)	15%
Formative Assessments	10%
Hawkes Homework	15%
Engagement Tasks (Discussions, Orientation assignments)	10%
Cumulative Final Exam	20%

Evaluation Procedures

Your course grade will be determined by the following:

- A = 90 – 100%
- B = 80 – 89%
- C = 70 – 79%
- D: 60 – 69%
- F: 0 – 59%

The instructor will **not** round more than 0.05 percentage points when calculating final weighted average.

*Note: A grade of C or better is required for this course to serve as a prerequisite for any math course.

Exams and Assignments

Hawkes Homework

Homework will be given regularly. Most of your homework will be administered through Hawkes. Although the majority of your homework will be presented electronically through Canvas and Hawkes, working through the material on paper is essential for learning and developing the math skills in this course. At the end of the term, three (3) lowest grades will be dropped from the calculation of the homework average.

The primary purpose of homework is to provide you with opportunities to learn, practice, and retain new content. Continued practice is how you learn. To that end, you will have two (2) – four (4) Hawkes online homework per week, starting the first week of classes. All assignments in this class are due by 11:59 PM of the due date. If the due times conflict with your schedule, WORK AHEAD.

Exams

There will be three (3) exams given during the semester. There are no retakes on exams.

- Exam 1 – Wednesday, September 3, 12 AM – 11:59 PM. Modules 1 and 2
- Exam 2 – Wednesday, October 21, 12 AM – 11:59 PM. Module 3
- Exam 3 – Wednesday, November 11, 12 AM – 11:59 PM. Module 4

Formative Assessments

Assessments will be given throughout the semester to provide opportunities to demonstrate understanding of course concepts outside of the major exams. This category may include individual quizzes, projects, and other assigned assessments.

Some assessments may be completed collaboratively, while others will require individual work. Specific instructions, expectations, and submission requirements will be provided for each assessment.

Assessments are intended to help you identify areas of strength and areas that may require additional practice before major exams.

Engagement Tasks

Engagement tasks include orientation assignments and discussion posts. The discussion assignments are designed to keep you connected you with your classmates.

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](#).

Final Exam Grade Replacement

The comprehensive Final Exam provides students with an opportunity to demonstrate growth and mastery of the course material at the end of the semester.

If your Final Exam percentage is higher than your lowest Exam 1, Exam 2, or Exam 3 percentage, your Final Exam percentage will replace your **one lowest exam percentage** when calculating your final course grade.

The Final Exam will still count separately as the Final Exam portion of your course grade. In other words, when a replacement is applied, the Final Exam percentage will be used both:

- as your Final Exam grade, and
- as the replacement for your one lowest Exam 1, Exam 2, or Exam 3 grade.

The replacement applies to **only one exam grade**. If you have more than one low or missed exam, the Final Exam cannot replace multiple exam grades.

The replacement will be applied only when it improves your overall course grade. If your Final Exam percentage is lower than your lowest regular exam percentage, no replacement will be made.

Example: If your exam grades are 62%, 78%, and 85%, and you earn an 88% on the Final Exam, the 88% Final Exam grade will replace the 62% exam grade. The 88% will also remain your Final Exam grade.

This policy is intended to recognize improvement and provide an opportunity to demonstrate mastery of material that may have been challenging earlier in the semester. It does not provide an additional exam attempt or replace the expectation that students complete all scheduled exams.

Important Dates

Date	Importance of date
Jan 12	Classes Begin
Jan 19	Martin Luther King Jr Holiday
Jan 24	Census Date
Apr 10	Last day for a student to drop a course with a W.
Apr 11	Beginning this date, a student who qualifies may request an Incomplete, with a grade of I.
Mar 9 – 15	Spring Break
Apr 29 – 30	Pre-Finals Days
Apr 30	Last Regular Class Meeting
May 1	Reading Day (no classes)

Course Policies

Classroom Etiquette

Appropriate behavior (in-person and online) is expected of all students taking this course. In this class, attendance means following along with the instructional videos. It is assumed you will do this. The instructor will not repeat whole lessons or offer personal lessons in office hours or email. These venues are for specific questions / problems.

Course Requirements

As a general rule, average college students are expected to spend three (3) hours per week for each one (1) credit 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 nine (9) hours per week if you expect to successfully complete this course. Adjust for more (or less) hours to accommodate your learning level.

Assignment Policy	○ Please maintain a separate notebook for doing homework problems. Make sure to write down what section the problem is from and work out the problem showing all of your steps. ○ Even though Hawkes may not require you to show all the steps in your work, I want to emphasize that you to still need to do ALL of the steps. At times, Hawkes only requires a final answer, which will be frustrating for some of you because you cannot receive partial credit for correct work. ○ Assignments posted in Hawkes will available as we progress through the semester. ○ The due dates for the Hawkes assignments will be posted in Hawkes. ○ Check Hawkes each day to be sure that you are keeping up with assignments and due dates. ○ At the end of the term, three (3) lowest grades will be dropped from the calculation of the homework average.
Late work Policy	UNT is a community of dreamers and doers who pursue excellence in everything. With that in mind, students are expected to complete and submit coursework by the posted due dates. Staying current with assignments is especially important because the material in this course builds from one topic to the next. Homework assignments should be completed by the posted due date and time. Any assignment not completed by the original deadline will initially receive a grade of zero. However, students may continue working on eligible past-due assignments for reduced credit until the assignment's final availability date. After that date, the assignment will close, and the recorded grade will be final. Students are responsible for planning ahead and allowing enough time to address possible technical difficulties. Loss of internet access or other technical issues generally will not excuse a missed deadline.
Academic Dishonesty	Cheating will not be tolerated. Any student found cheating on will receive a zero on the assignment; and may receive an F for the course for 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.
AI Use Policy	Generative AI tools (e.g., ChatGPT, Microsoft Copilot) may be used to check grammar, spelling, and help format or revise your own written work, but their use must be disclosed in your submission. Using AI to produce entire assignments or during exams is prohibited. Violations will be treated as academic integrity issues under university policy.
Exam Policy	There will be three (3) 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. Each exam is 15% of the course. Exams will be administered in Canvas with Respondus Lockdown Browser and will be available during the 16 hour time period. Exams not submitted by 11:59 PM receive a zero, regardless of when you begin the exam. You may access Exams through the Syllabus tab on the left side of the Canvas navigation menu, or the content module.
Early Exam	If you have a conflict with a scheduled exam date, you may request to take your exam early. The request must be sent to Canvas Inbox one week prior to the scheduled exam date.

Exam Etiquette

- Read How to Take Exam with Respondus module in Canvas.
- Clear your test-taking environment.
- Once opened you have 80 minutes to complete the exam. You will have more time for the final exam.
- Show clean desk surface to webcam.
- Do not open the exam unless you are prepared to work, and your technology is ready, and in working order.
- No extra time nor re-do's will be granted to account for technical difficulties.
- You will be required to complete the problems on your own paper and show your work to the webcam screen. NO VALID WORK, NO CREDIT, NO EXCEPTIONS.

You will be able to see your exam grade in Canvas about 1 week after the exam. You may ask me to go over exam problems with you. However, all decisions on credit are final and not open for discussion.

Unauthorized Aids During Examinations and Assessments

Students may use only those materials and resources that are expressly authorized by the instructor for a particular examination or assessment. Touching, holding, or accessing any unauthorized aid during the examination period constitutes a violation of the Student Code of Conduct, regardless of whether the aid is used.

Any item that may be considered an unauthorized aid must be kept out of view and in a closed container (e.g. zipped backpack, buttoned purse, etc.) during the entirety of the examination or assessment.

Unless specifically authorized in writing by the instructor, prohibited aids include, but are not limited to:

- Mobile phones and smartphones
- Smartwatches and fitness trackers with communication, recording, or internet capabilities
- Tablets, laptops, and other computing devices
- Earbuds, headphones, and other audio devices
- Smart glasses, cameras, recording devices, and wearable technology
- Artificial intelligence (AI) tools, chatbots, and other generative AI technologies
- Notes, textbooks, study guides, formula sheets, or reference materials
- Any other device, material, or resource not expressly permitted by the instructor

Students are responsible for clarifying any questions about permitted materials before the examination begins.

Missed Exam Policy

- **Early Exam:** If you have a known conflict with a scheduled exam date, you are strongly encouraged to request to take the exam early. Requests must be emailed to the instructor at least one week prior to the scheduled exam date. This allows sufficient time to make the necessary arrangements. Students are responsible for communicating known conflicts as early as possible.
- **University excused absence:** If you are unable to arrange to take an exam early and have a university-excused absence, such as active military service, observance of a religious holy day, or participation in an official university function as defined by the Student Attendance and Authorized Absences

Policy, you must contact the instructor and make up the missed exam within two (2) business days of returning to campus.

- **Unexcused absence:** If you miss an exam due to an unexcused absence, a grade of zero will initially be recorded for the missed exam. There are no make-up exams for unexcused absences. At the end of the semester, your Final Exam percentage will replace the zero earned for **one (1) missed exam**. There is **no cap** on the replacement grade; the percentage earned on the Final Exam will be used as the replacement grade.
- The Final Exam Grade Replacement may be used for only **one (1) exam**. If you miss more than one exam due to unexcused absences, any additional missed exams will remain grades of zero.
- A grade of zero assigned as a result of academic dishonesty or an academic integrity violation is **not eligible** for Final Exam Grade Replacement.
- Please note that the Final Exam still counts separately as the Final Exam portion of your course grade. When the replacement policy is applied, the Final Exam percentage is used both as your Final Exam grade and as the replacement for the one eligible missed exam.

Attendance Policy

In this class, attendance means following along with the instructional videos. It is assumed you will do this. The instructor will not repeat whole lessons or offer personal lessons in office hours or email. These venues are for specific questions / problems.

It is important that you communicate with the professor prior to being absent, so you and the professor can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform the professor if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

Class Participation

Participation is a required part of this course. This class is designed to be active and interactive. Much of what you will learn will evolve from in-class lecture, activities and discussions.

Instructor Responsibility and Feedback

Responsibility – As my role as the instructor of the course, I feel my responsibility is to help students grow in their math confidence; instill good study habits; provide math content in a clear and organized manner; answer questions about topics, assignments, and expectations; direct students to additional campus resources as necessary.

Feedback – In regard to emails, I plan to respond within 24-48 hours. In regard to returning exams/quizzes with grades, I plan to have it returned within a week's time.

Syllabus Change Policy

I do reserve the right to amend, append or otherwise make changes to this syllabus should the need arise. Any such change will first be discussed with the students and then announced in class.

Suggested Calendar/Schedule

Week 1

8/17/2026	Intro & Welcome Syllabus Quiz Hawkes Knowledge Check
8/18/2026	
8/19/2026	Managing Your Time Effectively Multiplication & Division with Fractions
8/20/2026	
8/21/2026	Addition & Subtraction with Fractions

Week 2

8/24/2026	Slopes and Forms of Linear Equations
8/25/2026	
8/26/2026	Order of Operations with Real Numbers Introduction to Functions & Function Notation
8/27/2026	
8/28/2026	Relations & Functions Properties of Functions Individual Quiz

Week 3

8/31/2026	Labor Day - No class
9/1/2026	
9/2/2026	Combining Functions
9/3/2026	
9/4/2026	Inverse Functions

Week 4

9/7/2026	Transformations of Functions
9/8/2026	
9/9/2026	Linear Equations in One Variable Quiz
9/10/2026	
9/11/2026	Linear Inequalities in One Variable

Week 5

9/14/2026	The Real Number Line and Absolute Value
9/15/2026	
9/16/2026	Quiz
9/17/2026	
9/18/2026	Other Common Functions

Week 6

9/21/2026	Complex Numbers Review
9/22/2026	
9/23/2026	Exam 1
9/24/2026	
9/25/2026	Review of Factoring Techniques

Week 7

9/28/2026	Quadratic Equations in One Variable
9/29/2026	
9/30/2026	Quadratic Functions
10/1/2026	
10/2/2026	Polynomial and Polynomial-Like Equations in One Variable

Week 8

10/5/2026	Polynomial Functions and Polynomial Inequalities
10/6/2026	
10/7/2026	Polynomial Functions and Polynomial Inequalities
10/8/2026	
10/9/2026	The Fundamental Theorem of Algebra Quiz

Week 9

10/12/2026	Polynomial Division and the Division Algorithm
10/13/2026	
10/14/2026	Properties of Radicals
10/15/2026	
10/16/2026	Radical Equations in One Variable

Week 10

10/19/2026	Introduction to Rational Expressions Multiplication and Division with Rational
10/20/2026	
10/21/2026	Exam 2
10/22/2026	
10/23/2026	Simplifying Complex Fractions

Week 11

10/26/2026	Rational Equations in One Variable
10/27/2026	
10/28/2026	Rational Functions and Rational Inequalities Rules for Exponents
10/29/2026	
10/30/2026	Power Rules for Exponents Exponential Functions and Their Graphs

Week 12

11/2/2026	Exponential Models
11/3/2026	
11/4/2026	Logarithmic Properties and Models Quiz
11/5/2026	
11/6/2026	Logarithmic Functions and Their Graphs Exponential and Logarithmic Equations

Week 13

11/9/2026	Systems of Linear Equations: Solutions Review
11/10/2026	
11/11/2026	Exam 3
11/12/2026	
11/13/2026	Systems of Linear Equations: Solutions

Week 14

11/16/2026	Solving Systems of Linear Equations by Substitution and Elimination
11/17/2026	
11/18/2026	Matrix Notation and Gauss-Jordan Elimination Quiz
11/19/2026	
11/20/2026	Matrix Notation and Gauss-Jordan Elimination

Thanksgiving Break November 23 – 27, 2026

Week 15

11/30/2026	Quiz
12/1/2026	
12/2/2026	Pre-Finals Day
12/3/2026	
12/4/2026	Reading Day - No Classes

Week 16 (Finals Week)

Final Exam available Monday, December 7 from 12:00 am to 11:59 pm

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 individual’s 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.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

Federal regulations state that students may apply only 3 fully-online semester credit hours (SCH) to the hours required for full-time status for [F-1 Visa \(DOC\)](#) holders. Full-time status for F-1 Visa students is 12 hours for undergraduates and 9 hours for graduate students.

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 (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.