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

Instructor Contact Information

Name	Ms. Lauren De La Rosa
Pronouns	She/Her/Hers
Office location	GAB 437
In-person Tutoring hours	Tuesdays & Thursdays from 4:15 pm to 5:15 pm
Virtual Tutoring Hours	By appointment; Monday, Wednesday, Thursday, & 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
Email Address	Lauren.DeLaRosa@unt.edu *When sending an email, include course name, number and section, along with your full name in the subject header. Email without this information may not get opened. A response will be sent in a timely manner (usually about one (1) business day), but may occasionally take up to two (2) business days*

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.
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 Title	College Algebra
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 8 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	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. You **must** purchase the following: • COREQUISITE ALEKS 360CARD COLLEGE ALGEB. Publisher: McGraw-Hill ISBN: 9781266387142 McGraw-Hill's ALEKS 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 ALEKS.
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) • ALEKS Technical Requirements • (https://www.aleks.com/support/system_requirements)
Computer Skills & Digital Literacy	• Navigate Canvas and ALEKS • Message electronically through Canvas Inbox • Download and install course software, Respondus Lock Down Browser • Complete assignments online (Canvas, ALEKS) • 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
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)

Assessment and Grading

Assignment	Percentage of Final Grade
Exam 1 - (Modules 1, 2, and 3)	15%
Exam 2 - (Modules 4 and 5)	15%
Exam 3 – (Modules 6 and 7)	15%
ALEKS Homework	20%
Engagement Tasks (Discussions, Orientation assignments)	10%
Cumulative Final Exam	25%

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

ALEKS Homework
Homework will be given regularly. Most of your homework will be administered through ALEKS. Although the majority of your homework will be presented electronically through Canvas and ALEKS, 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) ALEKS 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 – Friday, February 13, 5 AM – 11:59 PM. Modules 1, 2, and 3
- Exam 2 – Friday, March 6, 5 AM – 11:59 PM. Modules 4 and 5
- Exam 3 – Friday , April 10, 5 AM – 11:59 PM. Modules 6 and 7

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.

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

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	o 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. o Even though ALEKS 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, ALEKS only requires a final answer, which will be frustrating for some of you because you cannot receive partial credit for correct work. o Assignments posted in ALEKS will available as we progress through the semester. o The due dates for the ALEKS assignments will be posted in ALEKS. o Check ALEKS each day to be sure that you are keeping up with assignments and due dates. o At the end of the term, three (3) lowest grades will be dropped from the calculation of the homework average.
Late work Policy	A grade of zero will be assigned to any homework assignment not completed online and submitted by the due date and time. Technical difficulty, including loss of internet access, is not an excuse for not completing an assignment.
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.

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 you will be allowed to take the exam with no penalty or, you may choose to have the zero replaced by your final exam grade (this includes missing an exam due to illness).
- **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. This allowance is for one (1) missed exam. Any additional missed exams will receive a grade of zero. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

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

01/12/26	Welcome & Introductory Assignments ALEKS Initial Knowledge Check M1A: Order of Operations & Fractions
01/14/26	M1B: Simplify Radical Expression, Rationalizing & Rational Exponents
01/16/26	M1C: Linear Equations & Inequalities

Week 2

01/19/26	MLK Observance - No classes
01/21/26	M1D: Graphing Linear Equations M1E: Slope & Equations of Lines
01/23/26	M1E: Slope & Equations of Lines (continued) M2A: Intro to Functions

Week 3

01/26/26	M2B: Domain & Range of Functions
01/28/26	M2C: Distance & Midpoint Formula
01/30/26	M2D: Piecewise functions

Week 4

02/02/26	M3A: Evaluate functions M3B: Average Rate of Change & Difference Quotient
02/04/26	M3B: Average Rate of Change & Difference Quotient (continued) M3C: Algebra of functions
02/06/26	M3D: Composition of functions M3E: Inverse Functions

Week 5

02/09/26	M3E: Inverse Functions (continued)
02/11/26	M4A: Abs Value Equations & Inequalities
02/13/26	Exam 1

Week 6

02/16/26	M4B: Complex Numbers
02/18/26	M4C: Factoring Review M4D: Solve Equations & Inequalities by factoring
02/20/26	M4E: Solve Equations using square root property, completing the square & quadratic formula

Week 7

02/23/26	M5A: Solve Rational Equations & inequalities
02/25/26	M5B: Solve Radical Equations
02/27/26	M5C: Logarithms

Week 8

03/02/26	M5D: Solve Exponential & Log Equations
03/04/26	M5D: Solve Exponential & Log Equations (continued)
03/06/26	Exam 2

Spring Break: March 9th – 15th

Week 9

03/16/26	M6A: Transformations
03/18/26	M6B: Symmetry & Even and Odd Functions
03/20/26	M6C: Graphing Quadratic Functions

Week 10

03/23/26	M6D: Graphing Rational Functions
03/25/26	M7A: Graphing Polynomial Functions
03/27/26	M7A: Graphing Polynomial Functions M7B: Polynomial Division & Theorems

Week 11

03/30/26	M7B: Polynomial Division & Theorems (continued)
04/01/26	M7B: Polynomial Division & Theorems (continued)
04/03/26	M7C: Graphing Radical Functions

Week 12

04/06/26	M7D: Graphing Exponential Functions
04/08/26	M7E: Graphing Logarithmic Functions
04/10/26	Exam 3

Week 13

04/13/26	M8A: Linear Applications
04/15/26	M8B: Quadratic Applications
04/17/26	M8B: Quadratic Applications (Continued) M8C: Exponential Applications

Week 14

04/20/26	M8C: Exponential Applications (Continued)
04/22/26	M8D: Systems (Matrix) Applications
04/24/26	M8D: Systems (Matrix) Applications (continued)

Week 15

4/27/26	M8D: Systems (Matrix) Applications (continued)
4/29/26	Review
5/1/26	Reading Day - No classes

Week 16 (Finals Week)

Final Exam available Monday, May 4th from 5 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.