College Algebra/Math 1100.780/Fall 2025

Instructor Contact Information

Name	Luke Wiersema
Office location	GAB 468
Tutoring hours	MWF 11:00 – 12:00 in GAB 468 TR 12:00 – 1:00 pm in SAGE 120A By appointment
Email Address	Luke.wiersema@unt.edu *Connect with me through email and/or by attending office hours. Office hours offer you an opportunity to ask for clarification or find support with understanding class material. Come visit me! I encourage you to connect with me for support During busy times, my inbox becomes rather full, so if you contact me and do not receive a response within two business days, please send a follow up email. A gentle nudge is always appreciated.*

Course Information

Course Title	College Algebra
Course Number	MATH 1100
Course Section	780
Class meeting time	TR from 2:00 – 3:20 pm in LANG 309
UGMT Course	MWF from 3:30 – 4:50 pm in ART 226
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 Structure	This is a 16-week course that meets face-to-face in a classroom two times a week (four 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.
Course Outline	View the Course Calendar for specific topics and dates.

Calculator Policy

Calculators are not allowed in this course.

Course Technology & Skills

Minimum Technology Requirements	• Access to a Computer • Reliable internet access • Canvas Technical Requirements (https://clear.unt.edu/supported-technologies/canvas/requirements)
Computer Skills & Digital Literacy	• Using Canvas • Using email with attachments • Scanning documents and saving as PDF

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)

Early Math Support Lab

Location	Sage Hall, Room 120A
Days/Hours	Monday – Thursday: 11 am – 3 pm
Additional information	Early Math Support Lab

UNT Math Lab

Location	Sage Hall, room 130
Days/Hours	Monday – Thursday: 10am – 7pm Friday – Saturday: 10am – 2pm
Additional information	UNT Math Lab

Assessment

Evaluation components include activities, attendance, homework, modules exams and the final exam.
Description of each component follows

Activities – 5%
Attendance – 5%
Homework Worksheets – 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. Unfortunately, there will be no opportunity for extra credit, nor will the grades be curved. Your grades will be posted in Canvas Grades.

Grades are based on mastery of the content. As a rule, I do not grade on a "curve" because that is a comparison of your outcomes to others. I do, however, encourage you to find opportunities to learn with and through others. Maximize your learning with our coaching staff at the Learning Center. Focus on areas where you are struggling in this course by attending scheduled study group sessions with me the week before each exam. I look forward to working together*!*

- A [90, 100+),
- B [80, 90),
- C [70, 80),
- D [60, 70)
- F: [0 , 60)%,

Activities

Student activities may be completed during class time and will require active participation, while some activities may be completed outside of class time. Activities may include time management, learning styles, group work, self-reflection writing prompts, etc.

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 worksheets both inside and outside of the classroom. Working through the material on the worksheets is essential for learning and developing the math skills that are the objectives of this course. Students will regularly be assigned homework and will usually have 48 hours to complete the assignment and turn in to the instructor. At the end of the term, three (3) lowest grades will be dropped from the calculation of the worksheet average. ****Important:** Late assignments will not be accepted without an instructor-approved "Late Pass".

Quizzes
There will be two (2) quizzes given during the semester. There are no retakes on 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 Dates 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.
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.

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 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 (PDF) (https://policy.unt.edu/policy/06-039).

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 four (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.

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), eraser and occasionally a calculator or a straight-edge out during an exam. 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

- **Early Exam**: If you have a known conflict with a scheduled exam date, you are highly encouraged to request to take your exam early. The request must be emailed to instructor 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 are unable to arrange to take an exam early and 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) , then student will need to make up missed exam within 2 business days of returning to campus.

- Unexcused absence: If you have an unexcused absence, then a zero will be recorded for that exam grade and your final exam will replace that one zero, up to a maximum grade of 75%. 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.

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 the due date. If an assignment is not completed and submitted by the due date, then unfortunately a grade of zero will be recorded, unless an instructor approved "Late Pass" is turned in. The "Late Pass" will allow a student to turn in one assignment the following class day with no penalty. It cannot be used on quizzes, exams or any assignment immediately before a long break. *At the end of the semester, any unused "Late Pass" may be turned in to instructor and redeemed for 1 bonus point on the lowest exam.

Important Dates

Date	Importance of date
Aug 18	Classes Begin
Sep 1	Labor Day Holiday
Aug 29	Census Date
Nov 7	Last day for a student to drop a course with a W.
Nov 8	Beginning this date, a student who qualifies may request an Incomplete, with a grade of I.
Nov 24 – 30	Thanksgiving Break
Dec 3 – Dec4	Pre-Finals Days
Dec 4	Last Regular Class Meeting
Dec 5	Reading Day (no classes)

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).

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.

Weekly Modules/Tentative Schedule

Week	Date	Topic
Week 1	8/18/2025	Welcome Survey Overview of course M1A Order of operations (GEMS) & Fractions
	8/19/2025	M1A Order of operations (GEMS) & Fractions (continued) M1B Radical Expressions & Rationalizing Radicals
	8/20/2025	M1B Radical Expressions & Rationalizing Radicals (continued)
	8/21/2025	M1C Solving Linear Equations & Inequalities
Week 2	8/25/2025	M1D Graphing Linear Equations
	8/26/2025	M1E Slope formula & Equations of lines
	8/27/2025	Review
	8/28/2025	M2A Intro to Functions M2B Domain/Range of Functions
Week 3	9/1/2025	Labor Day - No class
	9/2/2025	M2B Domain/Range of Functions (continued)
	9/3/2025	M2C Distance & Midpoint
	9/4/2025	M2D Piecewise functions
Week 4	9/8/2025	M2 Review
	9/9/2025	M 1 & 2 Exam
	9/10/2025	M3A Evaluate functions M3B Rate of change & difference quotient
	9/11/2025	M3B Rate of change & difference quotient (continued) M3C Algebra of functions
Week 5	9/15/2025	M3D Composition of Functions
	9/16/2025	M3E Inverse Functions
	9/17/2025	M3 Review
	9/18/2025	M3 Quiz

Week 6	9/22/2025	M4A Absolute value Equations & Inequalities
	9/23/2025	M4B Complex Numbers
	9/24/2025	M4C Factoring
	9/25/2025	M4D Solve Equ & Inequalities by Factoring
Week 7	9/29/2025	M4E: Solve Equations using square root property, completing the square & quadratic formula
	9/30/2025	M4E: Solve Equations using square root property, completing the square & quadratic formula (continued)
	10/1/2025	M4 Review
	10/2/2025	M4 Exam
Week 8	10/6/2025	M5A Solve Rational Equations & Inequalities M5B Solve Radica Equations
	10/7/2025	M5B Solve Radica Equations (continued) M5C Logarithms
	10/8/2025	M5C Logarithms (continued) M5D Solve Exponential & Log Equations
	10/9/2025	M5D Solve Exponential & Log Equations (continued)
Week 9	10/13/2025	M5 Review
	10/14/2025	M5 Exam
	10/15/2025	M6A Transformations M6B symmetry & Even and Odd functions
	10/16/2025	M6B symmetry & Even and Odd functions (continued) M6C Graphing Quadratic functions
Week 10	10/20/2025	M6C Graphing Quadratic functions (continued) M6D Graphing Rational functions
	10/21/2025	M6D Graphing Rational functions (continued)
	10/22/2025	M6D Graphing Rational functions (continued) M6 Review
	10/23/2025	M6 Exam
Week 11	10/27/2025	M7A Graphing Polynomial Functions
	10/28/2025	M7A Graphing Polynomial Functions (continued) M7B Polynomial Division & theorems
	10/29/2025	M7B Polynomial Division & theorems (continued) M7C Graphing Radical Functions
	10/30/2025	M7B Polynomial Division & theorems (continued) M7C Graphing Radical Functions
Week 12	11/3/2025	M7C Graphing Radical Functions (continued)
	11/4/2025	M7D Graphing Exponential Functions

	11/5/2025	M7D Graphing Exponential Functions (continued) M7E Graphing Logarithmic Functions
	11/6/2025	M7E Graphing Logarithmic Functions (continued)
Week 13	11/10/2025	M7 Review
	11/11/2025	M7Exam
	11/12/2025	M8A Linear Applications
	11/13/2025	M8B Quadratic Applications
Week 14	11/17/2025	M8B Quadratic Applications (continued)
	11/18/2025	M8C Exponential Applications M8D System (Matrix) Applications
	11/19/2025	M8D System (Matrix) Applications
	11/20/2025	M8D System (Matrix) Applications (continued)
Thanksgiving Break	11/24/2025	Thanksgiving Break - No classes
	11/25/2025	Thanksgiving Break - No classes
	11/26/2025	Thanksgiving Break - No classes
	11/27/2025	Thanksgiving Break - No classes
Week 15	12/1/2025	M8 Review
	12/2/2025	M8Quiz
	12/3/2025	Review
	12/4/2025	Review
Week 16	12/11/2025	Final Exam 1:30 – 3:30 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.