College Algebra/Math 1100.130/Spring 2026

Instructor Information

Name	Sam Johnson
Office location	GAB 406
Office hours	1:30p – 2:30p Tuesdays and Fridays in GAB 406
Math Lab hours	2:00p – 4:00p Thursdays in Sage 130
Email Address	Samuel.johnson@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 Description, Structure, and Objectives

Course Title	College Algebra
Course Number	MATH 1100
Course Section	130
Class meeting time	MWF from 10am – 10:50am in GAB, Room 105
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 three times a week. The course will cover 8 modules and you will be assessed by completing 3 exams and a cumulative final exam.

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).

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 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.

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.

You must purchase the following:

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

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.

Course Technology & Skills

Minimum Technology Requirements	• Access to a Computer • Reliable internet access • 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	• Using Canvas • Using email with attachments • Scanning documents and saving as PDF

Assessment

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

Homework (ALEKS) – 21%
Exam 1 (Modules 1, 2, and 3) – 18%
Exam 2 (Modules 4 and 5) – 18%
Exam 3 (Modules 6 and 7) – 18%
Final Exam – 25%

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)%,

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.

Exams

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

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.

At the end of the term, the final exam will replace your lowest exam grade. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

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 academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time; however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information, refer to the Office of Disability Access website (https://studentaffairs.unt.edu/office-disability-access). You may also contact ODA by phone at (940) 565-4323.

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 three (3) module exams and one (1) final exam during the semester. Keep a record of all your scores. Be sure to review your module exams once it has been reviewed by the instructor and officially graded.

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 <u>not</u> wear hats or caps with brims during exams.
- Do <u>not</u> 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 <u>not</u> 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

- **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) , then student will need to make up missed exam within 2 business days of returning to campus.

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.

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)

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/Schedule of Due Dates

Week 1

Module 1: Fundamentals

Week 2

Module 1: Fundamentals

Module 2: Intro to Functions

Week 3

Module 2: Intro to Functions

Module 3: More Functions

Week 4

Exam 1

Module 3: More Functions

Week 5

Module 4: Solving Equations and Inequalities (Part 1)

Week 6

Module 4: Solving Equations and Inequalities (Part 1)

Week 7

Module 4: Solving Equations and Inequalities (Part 1)

Module 5: Solving Equations and Inequalities (Part 2)

Week 8

Exam 2

Module 5: Solving Equations and Inequalities (Part 2)

Week 9

Module 6: Graphing (Part 1)

Week 10

Module 6: Graphing (Part 1)

Week 11

Module 7: Graphing (Part 2)

Week 12

Exam 3

Module 7: Graphing (Part 2)

Week 13

Module 8: Applications

Week 14

Module 8: Applications

Week 15

Module 8: Applications

Week 16 (Finals Week)

Final Exam is Saturday May 2nd 7:30am – 9:30am

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.