

# Integrated Pre and Beginning Algebra/ MATH 340.008/Fall 2025

## Instructor Information

**Name:** Bashar Aladwan  
**Office Location:** GAB 423A  
**Student Support Hours:** Tue/Thu 8:00 am to 9:15 am  
Fri 10:00 am to 12:00 pm  
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*Connect with me through email or by scheduling an appointment with me via Teams (like Zoom). My goal is to respond to you within two business days; however, if you contact me and do not receive a response, please send a follow-up email. A gentle nudge is always appreciated.*

## Course Description, Prerequisites, and Objectives

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Meeting Time  | <b>Tue/Thu from 11:00 am – 1:20 pm in building Gateway Center, room 049</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Course Description   | 4 hours. General overview of basic arithmetic and beginning algebra: fractions, decimals, percentages, integers, solving equations, linear equations, graphing and polynomials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Course Prerequisites | This course is designed to support students who did not meet the minimum score on the TSI and is considered TSI Incomplete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Course Objectives    | Upon successful completion of this course, students will: <ol style="list-style-type: none"><li>1. Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.</li><li>2. Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.</li><li>3. Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.</li><li>4. Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.</li><li>5. Use graphs, tables, and technology to analyze, interpret, and compare data sets.</li><li>6. Construct and use mathematical models in verbal, algebraic, graphical, and tabular form to solve problems from a variety of contexts and to make predictions and decisions</li></ol> |

## Course Structure

This is a 16-week course that meets face-to-face in a classroom TWO times a week. The course will cover 4 modules, and you will be assessed by completing 4 exams and a cumulative final exam.

## Course Materials/Required Materials

### Knewton Alta

For this course, there is no need to purchase Knewton Alta, as it will be provided at **no cost**. Knewton is the **required** online adaptive proficiency-based learning software.

## Note-taking Materials

- A notebook or spiral (120+ pages) dedicated to taking written notes from class
- A notebook or spiral dedicated to completing online homework in Knewton
- Writing utensils, such as pencils or erasable pens (ex: [friXion pens](#))

## Knewton Alta Technical Support

Knewton Alta offers [Technical Support](https://support.knewton.com/s/) (https://support.knewton.com/s/)

## Calculator Policy

A basic 4-function calculator will be allowed on select topics in the course. There is no need to purchase a basic calculator, as one will be provided on exams. The basic calculator will have fewer buttons and does NOT include a button that has +/- (positive/negative).

## Technical Requirements & Skills

- |                                    |                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minimum Technology Requirement     | <ul style="list-style-type: none"><li>• Computer, tablet, or laptop that is compatible with all required apps for the course</li><li>• Reliable internet access</li><li>• <a href="https://clear.unt.edu/supported-technologies/canvas/requirements">Canvas Technical Requirements</a> (https://clear.unt.edu/supported-technologies/canvas/requirements)</li></ul> |
| Computer Skills & Digital Literacy | <ul style="list-style-type: none"><li>• Navigate Canvas and Knewton</li><li>• Message electronically through Canvas Inbox</li><li>• Complete assignments online (Canvas, Knewton)</li><li>• Scanning documents and saving as PDF</li></ul>                                                                                                                          |

If circumstances change, you will be informed of other technical needs to access course content.

## Course Requirements

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

Activities – 5%  
Attendance – 5%  
Homework (Knewton) – 20%  
Module Exams – 50%  
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, nor will the grades be curved. Your grades will be posted in Canvas Grades.

| Grade | Range      | Notes                                               |
|-------|------------|-----------------------------------------------------|
| A     | 90 - 100   | Excellent knowledge of material covered.            |
| B     | 80 - 89.99 | Above average understanding of the course material. |
| C     | 70 - 79.99 | Average knowledge of material covered.              |

|   |            |                                                  |
|---|------------|--------------------------------------------------|
| D | 60 - 69.99 | Less than average knowledge of material covered. |
| F | 0 - 59.99  | Very little knowledge of material covered.       |

## 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, discussions, 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 begin at zero and will increase EACH day for active participation and positive contributions to the class. If a student arrives late or leaves early, then full points may not be earned for that day.

Students will be able to earn back attendance credit by attending the Early Math Support Lab (Sage 120A), as long as: (1) Make-up session(s) **must** be completed in the Early Math Support Lab within two (2) weeks of absence; (2) signed in and actively working in the Early Math Support Lab; and (3) attendance in the lab *cannot* be used for extra credit.

## Homework

The purpose of homework is to allow you the opportunity to learn, practice, and retain new skills. Continued practice is how you learn, so it is crucial for you to carve out *regular time* to work on developing and improving your skills. Expect to have two (2) – four (4) Knewton assignments per week, starting the first week of classes.

For your convenience, all coursework is accessible directly through Canvas. Be sure to maintain a dedicated notebook or spiral for your math homework, where you can write out all your work, including the steps for solving each exercise.

## What is Knewton?

[Knewton](#) is a proficiency-based adaptive software designed to assess and enhance your learning progress through assignments. Here's how it works:

- **Proficiency-Based:** Knewton provides enough exercises to determine if you have achieved proficiency in the learning objectives.
- **Adaptive:** The software adjusts based on your performance. Students who prepare well typically progress through assignments more quickly, while those needing additional practice will see more exercises to reinforce learning.
- **No limits on Attempts:** There is no limit on the number of attempts per question.
- **Earn 100%:** You can achieve 100% on every assignment (before the due date) regardless of the number of attempts, as Knewton focuses on your learning progress rather than the number of tries.
- **Grace period:** If 100% is not achieved by the due date, you have the opportunity to complete the assignment up to 2 days past the due date for a deduction of 5% per day. However, if the assignment is not complete within 48 hours, then the grade will remain as it was submitted on the due date.

## Exams

There will be four (4) 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](#). will be on **Thursday 12/11/2025 between 10:30 a.m. - 12:30 p.m.**

## 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.

### GenAI Policy - Prohibited Use

In this course, the use of Generative AI (GenAI) tools like Claude, ChatGPT, and Gemini is not permissible. Any attempt to represent GenAI output as inappropriately as a student's own work will be considered a violation of academic integrity and will be addressed according to the Student Academic Integrity policy.

### ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time; however, ODA notices of 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 see the [ODA website \(https://disability.unt.edu/\)](https://disability.unt.edu/).

### Attendance/Active Participation

Being engaged in a class will have its ups and downs but please make a commitment to yourself that you will stay actively engaged and on-task each week, as active participation is important and vital to your success. 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 (4) 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 they have 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/ear pods, 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.
- Only approved calculators during select exams. It is your responsibility to know how to work the calculator on the test.
- 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.

## 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 the 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 due date. If the due time conflicts with your schedule, plan ahead and work early. **Late work is not**

**accepted.** In other words, 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                                                                         |
|-------------|--------------------------------------------------------------------------------------------|
| Aug 18      | Classes Begin                                                                              |
| Aug 29      | Census Date                                                                                |
| Sept 1      | Labor Day (no classes)                                                                     |
| 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 (University closed)                                                     |
| Dec 3 – 4   | Pre-finals Days                                                                            |
| Dec 4       | Last Regular Class Meeting                                                                 |
| Dec 5       | Reading Day (no classes)                                                                   |
| Dec 6 – 12  | Final Exams                                                                                |

## 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.

## Weekly Modules/Schedule of Due Dates

| Week | Date     | Topic                                                                                              | Due         |
|------|----------|----------------------------------------------------------------------------------------------------|-------------|
| 1    | 08/19/25 | Syllabus<br>M1.1 Whole Numbers                                                                     |             |
|      | 08/21/25 | M1.2 Evaluating & Simplifying Expressions<br>M1.3 Intro to Equations                               | HW 1.1      |
|      | 08/24/25 |                                                                                                    | HW 1.2, 1.3 |
| 2    | 08/26/25 | M1.4 Multiples and Factors<br>M1.5 Intro to Integers                                               |             |
|      | 08/28/25 | M1.5 Intro to Integers (cont'd)<br>M1.6 Add and Subtract Integers                                  | HW1.4       |
|      | 08/31/25 |                                                                                                    | HW 1.5, 1.6 |
| 3    | 09/02/25 | M1.7 Multiply and Divide Integers<br>M1.8 Solve Equ Using Integers & Division Property of Equality |             |
|      | 09/04/25 | M1.8 Solve Equ Using Integers & Div. Property of Equality (cont'd)                                 | HW 1.7      |
|      | 09/07/25 |                                                                                                    | HW1.8       |

|    |          |                                                                                                     |                      |
|----|----------|-----------------------------------------------------------------------------------------------------|----------------------|
| 4  | 09/09/25 | M1.9 Intro to Fractions<br>M1.10 Reduce and Multiplying Fraction                                    |                      |
|    | 09/11/25 | M1.11 Reciprocals & Divide Fractions<br>M1.12 Add or Subtract Fractions                             | HW 1.9, 1.10         |
|    | 09/14/25 |                                                                                                     | HW 1.11, 1.12        |
| 5  | 09/16/25 | M1.13 Combining Fraction Operations<br>M1.14 Solve Equations involving Fractions<br>Module 1 Review |                      |
|    | 09/17/25 |                                                                                                     | HW 1.13, 1.14        |
|    | 09/18/25 | <b>Module 1 Exam</b>                                                                                | <b>Module 1 Exam</b> |
| 6  | 09/23/25 | M2.1 Decimals, Unit Price and Ratios<br>M2.2 Solving Applications Involving Percent                 |                      |
|    | 09/25/25 | M2.3 Solving Simple Interest Applications<br>M2.4 Algebraic Properties                              | HW 2.1, 2.2          |
|    | 09/28/25 |                                                                                                     | HW 2.3, 2.4          |
| 7  | 09/30/25 | M2.5 Solving More Equations                                                                         |                      |
|    | 10/02/25 | M2.6 Solving Linear Inequalities<br>M2.7 Problem Solving - Part I                                   | HW 2.5               |
|    | 10/05/25 |                                                                                                     | HW 2.6, 2.7          |
| 8  | 10/07/25 | M2.8 Problem Solving – Part II<br>Module 2 Review                                                   |                      |
|    | 10/08/25 |                                                                                                     | HW 2.8               |
|    | 10/09/25 | <b>Module 2 Exam</b>                                                                                | <b>Module 2 Exam</b> |
| 9  | 10/14/25 | M3.1 Rectangular Coordinate System<br>M3.2 Graph Linear Equations                                   |                      |
|    | 10/16/25 | M3.3 Intercepts<br>M3.4 Slope<br>M3.5 Slope-Intercept Form                                          | HW 3.1, 3.2          |
|    | 10/19/25 |                                                                                                     | HW 3.3, 3.4, 3.5     |
| 10 | 10/21/25 | M3.6 Equations of lines<br>Module 3 Review                                                          |                      |
|    | 10/22/25 |                                                                                                     | HW 3.6               |
|    | 10/23/25 | <b>Module 3 Exam</b>                                                                                | <b>Module 3 Exam</b> |
| 11 | 10/28/25 | M4.1 Add & Subtract Polynomials<br>M4.2 Product Properties of Exponents                             |                      |
|    | 10/30/25 | M4.3 Multiplying Polynomials                                                                        | HW 4.1               |
|    | 11/02/25 |                                                                                                     | HW 4.2,4.3           |

|    |          |                                                                           |                      |
|----|----------|---------------------------------------------------------------------------|----------------------|
| 12 | 11/04/25 | M4.4 Quotient Properties<br>M4.5 Negative Exponents & Scientific Notation |                      |
|    | 11/06/25 | M4.6 GCF and Factor by Grouping                                           | HW 4.4               |
|    | 11/09/25 |                                                                           | HW 4.5, 4.6          |
| 13 | 11/11/25 | M4.7 Factoring Trinomials                                                 |                      |
|    | 11/13/25 | M4.7 Factoring Trinomials (cont'd)                                        |                      |
|    | 11/16/25 |                                                                           | HW 4.7               |
| 14 | 11/18/25 | M4.8 Special Products & Mixed Factoring<br>Module 4 Review                |                      |
|    | 11/19/25 |                                                                           | HW 4.8               |
|    | 11/20/25 | <b>Module 4 Exam</b>                                                      | <b>Module 4 Exam</b> |
|    |          | <b>November 24 – 28 Thanksgiving Break –<br/>No Classes</b>               |                      |
| 15 | 12/02/25 | Review                                                                    |                      |
|    | 12/04/25 | Review                                                                    |                      |
|    | 12/05/25 | Reading Day (No class)                                                    |                      |
| 16 | 12/11/25 | <b>Thursday 12/11/2025 between 10:30 a.m. - 12:30 p.m.</b>                |                      |

## 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.