

2023 Fall MATH 1580.002 - Survey of Math with Applications

Instructor Contact

Name: Brandon Walker

Class Meets: 12-12:20 MWF

Office Location: GAB 475

Office Hours: W: 2-4pm, Th: 10am-12pm

Communication: Canvas Inbox or email: brandon.walker@unt.edu. By law I can only reply to emails sent from my.unt.edu email addresses. Your communication with me and your classmates is expected to be in line with [UNT's General Online Communication Guidelines](#).

Communication Expectations: I typically respond within one (1) business day, during business hours. A message sent after business hours is considered received the next business day.

Course Description

3 hours. Topics include probability, statistics, algebra, logic, and the mathematics of finance. Additional topics are selected from geometry, sets, cryptography, fair division, voting theory, and graph theory. Emphasis on applications. Recreational and historical aspects of selected topics are also included. Technology used extensively. Math 1580 is not preparation for calculus, science, engineering, or business courses.

Course Prerequisites or Other Restrictions

- The [prerequisite](#) is two years of high school algebra and one year of high school geometry and consent of the department.
- A willingness to put in **several hours of work** each week to absorb each the material in each module. In math courses, working diligently almost every day is essential for success. The content within each module will build upon itself making it very difficult to catch up if you fall behind.

Course Structure

This is course meets in person on campus 3 days per week, punctual attendance is expected. **This is a face-to-face on-campus class, not an online course.** This means you are expected to physically attend each class period this semester. **There is no remote/online option.**

The course topics are structured into six content modules. The course begins with the first content module in Canvas open. I will open subsequent modules as we progress.

Course Objectives

Upon successful completion of this course, you will be able to:

- Solve problems involving voting and apportionment methods.
- Apply mathematical models to solve personal finance problems.
- Determine with mathematical evidence the validity of an argument or statement.
- Interpret and analyze representations of data.
- Solve problems involving fundamentals of probability and counting techniques.
- Apply graph theory principles to solve real-world application problems.

Course Materials/ Required Text

The textbook is Blitzer, Robert, *Thinking Mathematically*, 7th Edition, Pearson Publishers (2019). It is available online through MyLabs.

Pearson MyLabs Math: MyLabs is an online course delivery platform accessed directly through [Canvas](#). MyLabs access includes all online homework assignments, the e-text of *Thinking Mathematically*, 7th Edition, by Robert Blitzer, and additional learning resources. Click on the MyLabs Orientation homework in Canvas to register immediately. You must register in MyLabs by the 2nd class day of the semester. See [Student Instructions for Registering in MyLabs through Canvas Instructions](#).

MyLabs 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. Use your official **UNT roster name** when you register in MyLabs. I cannot give credit to a student enrolled in this course for work completed under a different name.

Technical Requirements & 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
- A scientific (TI-36) or basic graphing calculator (TI-84 or equivalent) is recommended. Instructional support is provided only for the above two listed calculators.
- [Canvas Technical Requirements](https://clear.unt.edu/supported-technologies/canvas/requirements) (<https://clear.unt.edu/supported-technologies/canvas/requirements>)

Computer Skills & Digital Literacy

- Navigate Canvas.
- Download and install software.
- Complete assignments on MyLabs.
- Download and print required course materials.

Course Requirements

Evaluation components include homework, midterm exams, and the final exam. Descriptions of each component are provided on this page.

Homework (MyLabs and any other) – 15%

Midterm Exams (average of 3) – 60%

Final Exam – 25%

Your Course Grade

Your course grade is determined solely by your performance on the graded items. *Expect no extra credit, or curves.* Your grades will be posted in Canvas Grades.

- A: [90, 100], Outstanding, excellent work. The student performs well above the minimum criteria.
- B: [80, 90), Good, impressive work. The student performs above the minimum criteria.
- C: [70, 80), Solid, college-level work. The student performance meets the minimum criteria.
- D: [60, 70), Below average work. The student performs below the minimum criteria.
- F: [0, 60), Sub-par work. The student performs well below the minimum criteria.

Homework – You Learn by Practice!

The primary purpose of homework is to provide you with opportunities to learn and practice new content. To that end, you will have two (2) – four (4) MyLabs online homework *per* week, starting the first week of classes. MyLabs assignments are due *by* 11:59 PM the class period following the content presentation in class. Please try to keep up to date with your homework. MyLabs can be submitted late for 70% credit. They will generally remain open until the Monday 11:59am (before lecture), following the week they were due. See the schedule on page 5 for exceptions.

MyLabs homework will generally have 5 attempts for each. Your lowest three (3) homework scores will be dropped.

Exams

You have four (4) exams: Three (3) midterm exams and a final exam. The midterm exams are *tentatively* scheduled as follows. Any change to an exam date will be announced during in class.

Exam 1 – Wednesday Sept 20, Exam 1 (Ch 13 Voting and Apportionment & Ch 8 Personal Finance)

Exam 2 – Wednesday Oct 23, Exam 2 (Ch 3 Logic and Ch 12 Statistics)

Exam 3 – Wednesday Nov 29, Exam 3 (Ch 11 Counting and Probability and Ch 14 Graph Theory)

Final Exam – See [Final Exam Schedule](#) for date and time, comprehensive.

Quizzes

You have two timed quizzes in MyLabs for each content module which will open at the end of the module. Use them as a *part* of your overall preparation for each exam. You have 5 complete attempts at each Quiz. These are **not required** but will be evaluated so that you can check your understanding.

Course Schedule

See Tentative Schedule of Class Activity starting on page 5 of Syllabus.

Course Policies

Academic Dishonesty

Cheating will not be tolerated. Any student found cheating on will receive a zero on that 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.

Attendance

Attendance is important and encouraged. On campus **class meetings are not recorded**. In this class, attendance means **actively paying attention** and working through the examples in lecture as we go. It is assumed you will do this. The instructor will not repeat whole lectures or offer personal lessons in office hours or email. These venues are for specific questions/problems.

Examination Policy

There are NO remote/online options for exams. Exams are administered during class. You may ask me to go over exam problems with you. However, all decisions on credit are final and not open for discussion.

If you **miss an exam, you receive a zero for that exam**. There are **no make-up exams**. However, if you have a [university excused absence](#), according to [06.039 Policy](#), and provide me documentation within 48 hours of the missed exam, then the zero will be replaced by your final exam grade (this includes missing an exam due to illness/covid-19).

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

- Place all papers, textbooks, notes, etc., in a backpack or bag and close it securely.
- Turn off and remove all non-medically necessary electronic devices. This includes but is not limited to cell/smart phones, earpieces, headsets, laptops, smart watches, etc.,
- Handling of **ANY** unapproved electronic devices during an exam will be construed as cheating and may result in a zero for that exam and a notice to the Academic Integrity Office.
- Be courteous and **quiet** while taking the exam.
- Present your UNT photo ID
- Print (not cursive) your name on both the exam and provided scantron form.
- Turn in exams by 12:50 PM. Any exam not submitted by 12:50 PM receives a zero.

Changes to Syllabus

Changes made to the syllabus will be announced in class and posted as an Announcement on Canvas.

Tentative Schedule of Class Activity / Weekly Modules

Schedule is subject to change and are announced during class. MyLabs assignments are due by 11:59 PM of the class meeting after the lesson.

Week 1

8/21/2023	MyLabs Orientation, 13.1 Voting Methods
8/22/2023	
8/23/2023	13.1 Voting Methods, Syllabus Quiz (Canvas)
8/24/2023	
8/25/2023	13.2 Flaws of Voting

Week 2

8/28/2023	13.3 Apportionment Methods
8/29/2023	
8/30/2023	13.4 Flaws of Apportionment
8/31/2023	
9/1/2023	8.1 Percents, Sales Tax, and Discounts

Week 3

9/4/2023	University Closed, Labor Day
9/5/2023	
9/6/2023	8.2 Income Tax
9/7/2023	
9/8/2023	8.3 Simple Interest; 8.4 Compound Interest

Week 4

9/11/2023	8.5 Annuities, Methods of Saving, and Investments
9/12/2023	
9/13/2023	8.6 Cars
9/14/2023	
9/15/2023	8.7 The Cost of Home Ownership

Week 5

9/18/2023	Review Day
9/19/2023	
9/20/2023	EXAM 1 (Ch. 13 & Ch. 8)
9/21/2023	
9/22/2023	3.1 Statements, Negations, and Quantified Statements

Week 6

9/25/2023	3.2 Compound Statements and Connectives
9/26/2023	
9/27/2023	3.3 Truth Tables for Negation, Conjunction, and Disjunction
9/28/2023	
9/29/2023	3.4 Truth Tables for the Conditional and Biconditional

Week 7

10/2/2023	3.5 Equivalent Statements and Variations of Conditional Statements
10/3/2023	
10/4/2023	3.6 Negations of Conditional Statements and De Morgan's Laws
10/5/2023	
10/6/2023	3.7 Arguments and Truth Tables

Week 8

10/9/2023	12.1 Sampling, Frequency Distributions, and Graphs
10/10/2023	
10/11/2023	12.2 Measures of Central Tendency
10/12/2023	
10/13/2023	12.3 Measures of Dispersion

Week 9

10/16/2023	12.4 The Normal Distributions; 12.5 Problem Solving with the Normal Distribution
10/17/2023	
10/18/2023	12.6 Scatter Plots, Correlation, and Regression Lines
10/19/2023	
10/20/2023	Review Day – Late homework from this week will be due 10/25 instead of 10/23

Week 10

10/23/2023	EXAM 2 (Ch. 3 & Ch. 12)
10/24/2023	
10/25/2023	11.1 The Fundamental Counting Principle
10/26/2023	
10/27/2023	11.2 Permutations, 11.3 Combinations

Week 11

10/30/2023	11.4 Fundamentals of Probability
10/31/2023	
11/1/2023	11.5 Probability with the FCP, Permutations, and Combinations
11/2/2023	
11/3/2023	11.6 Events Involving <i>Not</i> or <i>Or</i> ; Odds

Week 12

11/6/2023	11.7 Events Involving <i>And</i> ; Conditional Probability
11/7/2023	
11/8/2023	11.8 Expected Value
11/9/2023	
11/10/2023	14.1 Graphs Paths and Circuits

Week 13

11/13/2023	14.2 Euler Paths and Euler Circuits
11/14/2023	
11/15/2023	14.3 Hamilton Paths and Hamilton Circuits
11/16/2023	
11/17/2023	14.4 Trees

Thanksgiving Holiday November 20 – 26, Classes Resume November 27

Week 14

11/27/2023	Review Day
11/28/2023	
11/29/2023	EXAM 3 (Ch. 11 & Ch. 14)
11/30/2023	
12/1/2023	Review Day

Week 15

12/4/2023	Review Day
12/5/2023	
12/6/2023	Pre-Finals Day
12/7/2023	Pre-Finals Day
12/8/2023	Reading Day – No Classes

Final Exams Week

12/13/2023	FINAL EXAM 10:30 AM – 12:30 PM, see Final Exam Schedule
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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.

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.
- Ask for and use the correct name and pronouns for your instructor and classmates.
- 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.

See these [Engagement Guidelines](https://clear.unt.edu/online-communication-tips) (https://clear.unt.edu/online-communication-tips) for more information.

Technical Assistance for 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.

Visit the UIT Help Desk website for their current support hours. Website link, email, phone number, and office location provided as follows:

UIT Help Desk: [UIT Student Help Desk](http://www.unt.edu/helpdesk/index.htm) (http://www.unt.edu/helpdesk/index.htm)

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 330

Canvas Technical Requirements: [Canvas Technical Requirements](https://clear.unt.edu/supported-technologies/canvas/requirements)

(https://clear.unt.edu/supported-technologies/canvas/requirements)

Additional Canvas Support: [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328)

(https://community.canvaslms.com/docs/DOC-10554-4212710328)

Pearson MyLabs Student Technical Support

MyLabs offers student technical support

Website: [Pearson Student Technical Support](#)

UNT Policies

Academic Integrity Standards and Consequences. Policy

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.

Cheating on tests, quizzes or final exams is a serious breach of academic standards and will be punished severely and generally result in the student failing the course. All work done on exams and quizzes must represent only the student's own work, unless otherwise stated in the directions.

ADA Accommodation Statement

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Access (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 accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the [Office of Disability Access](https://disability.unt.edu/) website. (<https://disability.unt.edu/>).

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's [Code of Student Conduct](https://deanofstudents.unt.edu/conduct) (<https://deanofstudents.unt.edu/conduct>) to learn more.

Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail [Eagle Connect](https://it.unt.edu/eagleconnect) (<https://it.unt.edu/eagleconnect>).

Emergency Notification and Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency. In the event of a university closure, please refer to the UNT Learning Management System, Canvas, for contingency plans for covering course materials.

Prohibition of Discrimination, Harassment, and Retaliation (Policy 16.004)

The University of North Texas (UNT) prohibits discrimination and harassment because 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 in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey, they will receive a confirmation email that the survey has been submitted. For additional information, please visit the [SPOT website](http://spot.unt.edu/) (<http://spot.unt.edu/>) or email spot@unt.edu.

Survivor Advocacy

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct. Federal laws and UNT policies prohibit discrimination on the basis of sex as well as sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking and/or sexual assault, there are campus resources available to provide support and assistance. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-5652648.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the [Electronic Code of Federal Regulations website](http://www.ecfr.gov/) (<http://www.ecfr.gov/>). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination, or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

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.

Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See [UNT Policy 07-002 Student Identity Verification, Privacy, and Notification and Distance Education Courses](https://policy.unt.edu/policy/07-002) (<https://policy.unt.edu/policy/07-002>).

Use of Student Work

A student owns the copyright for all work (e.g., software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all the above criteria, then the University office or department using the work must obtain the student's written permission.

Download the UNT System Permission, Waiver and Release Form

Transmission and Recording of Student Images in Electronically Delivered Courses

1. No permission is needed from a student for his or her image or voice to be transmitted live via videoconference or streaming media, but all students should be informed when courses are to be conducted using either method of delivery.

2. In the event an instructor records a student presentation, he or she must obtain permission from the student using a signed release in order to use the recording for future classes in accordance with the Use of Student-Created Work guidelines above.
3. Instructors who video-record their class lectures with the intention of re-using some or all of recordings for future class offerings must notify students on the course syllabus if students' images may appear on video. Instructors are also advised to provide accommodation for students who do not wish to appear in class recordings.

Example: This course employs lecture capture technology to record class sessions. Students may occasionally appear on video. The lecture recordings will be available to you for study purposes and may also be reused in future course offerings.

No notification is needed if only audio and slide capture is used or if the video only records the instructor's image. However, the instructor is encouraged to let students know the recordings will be available to them for study purposes.

Class Recordings & Student Likenesses

In the event we transition to remote synchronous instruction: Remote synchronous class meetings will employ lecture capture technology to record class sessions. Students may occasionally appear on video. The lecture recordings will be available to you for study purposes and may also be reused in future course offerings.

All remote synchronous (live) sessions in this course will be recorded for students enrolled in this class section to refer to throughout the semester. Class recordings are the intellectual property of the university or instructor and are reserved for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

Academic Support & Student Services

Student Support Services

Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (https://studentaffairs.unt.edu/student-health-and-wellness-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (https://studentaffairs.unt.edu/care)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling)

Chosen Names

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- [UNT Records](#)
- [UNT ID Card](#)
- [UNT Email Address](#)
- [Legal Name](#)

**UNT EUIDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.*

Pronouns

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don't assume someone's name, we should also ask and not assume someone's pronouns.

You can [add your pronouns to your Canvas account](#) so that they follow your name when posting to discussion boards, submitting assignments, etc.

Below is a list of additional resources regarding pronouns and their usage:

- [What are pronouns and why are they important?](#)
- [How do I use pronouns?](#)
- [How do I share my pronouns?](#)
- [How do I ask for another person's pronouns?](#)
- [How do I correct myself or others when the wrong pronoun is used?](#)

Additional Student Support Services

- Registrar (<https://registrar.unt.edu/registration>)
- [Financial Aid](#) (<https://financialaid.unt.edu/>)
- [Student Legal Services](#) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](#) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](#) (<https://idea.unt.edu/multicultural-center>)
- [Counseling and Testing Services](#) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](#) (<https://idea.unt.edu/pridealliance>)
- [UNT Food Pantry](#) (<https://studentaffairs.unt.edu/food-pantry>)

Academic Support Services

- [Academic Resource Center](#) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](#) (<https://success.unt.edu/asc>)
- [UNT Libraries](#) (<https://library.unt.edu/>)
- [Writing Center](#) (<https://writingcenter.unt.edu/>)
- [Math Lab](#) (<https://learningcenter.unt.edu/math-lab>)

Summary of Key Dates – Fall 2023

August 21, Monday

Classes begin.

August 25, Friday

Last day for change of schedule other than a drop; last day to add a class.

September 1, Friday

Census – Official Enrollment Determined. Last day to drop a course section to no longer appear on the official transcript and to receive a full refund for the course section. (*Dropping courses may impact financial aid and degree completion. See advisors.*)

September 2, Saturday

Beginning this date, students can drop a course with a grade of W. For information on how to drop a class, see [Registration Guide, Dropping](#). The course appears on the transcript with a Grade of W and tuition and fees remain. (*Dropping courses may impact financial aid and degree completion. See advisors.*)

September 29, Friday

Last day to change to pass/no pass (undergrads)

November 10, Friday

Last day to drop a course or all courses with a grade of W.

November 11, Saturday

Beginning this date, a student may request a grade of “I”, incomplete, a non-punitive grade given only if a student (1) *is passing*, (2) has justifiable reason why the work cannot be completed on schedule; and (3) arranges with the instructor to complete the work in no more than one academic year.

November 20, Monday – 26, Sunday

Thanksgiving Break

December 8, Friday

Reading day; no class

December 9, Saturday – December 15, Friday

Final Examination.

December 15, Friday

Term ends.