

2025 Fall MATH 1650 Pre-Calculus

Instructor Contact

Name: Lidia V. Dattalo

Office Location: GAB452

Office Hours: By Appointment via Zoom

Communication: Use the Canvas Inbox (preferred).

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 business day, during business hours (8 am - 5 pm).

Course Description

5 hours. Preparatory course for calculus: trigonometric functions, their graphs and applications; sequences and series; exponential and logarithmic functions and their graphs; graphs of polynomial and rational functions, general discussion of functions and their properties.

Required Text/Access to WebAssign

The textbook is Stewart, James, Lothar, Redlin, Saleem, Watson *Precalculus – Mathematic for Calculus*, 8th Edition, Cengage Learning (2016). It is available online through WebAssign platform.

Cengage WebAssign: WebAssign is online course delivery platform accessed directly through [Canvas](#). WebAssign access includes all online homework assignments, the textbook, and additional learning resources. Use the link in Canvas to register immediately. You must register in WebAssign by the 2nd class day of the semester. See [WebAssign Student Information](#).

WebAssign 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 the trial period ends, you may lose credit for all work previously completed. Again, see [WebAssign Student Information](#) for purchase information.

Grading

Midterm Exams (4)	60%
Online Homework (WebAssign).....	10%
Quizzes	10%
Final Exam	20%

Calculator Policy

Per the College of Science Policy, calculators will only be permitted on Exams 1 and 4. A scientific calculator will be provided via Respondus. Calculators may be used on homework assignments. A TI 83, TI 83Plus, TI 84 or equivalent is recommended, but calculators with CAS capabilities (e.g., TI-89, TI-92, TI NSpire) are not permitted. There are several free online calculators you can use while working on homework assignments as well (e.g., GeoGebra, Desmos, Wolfram Alpha).

Course Prerequisites or Other Restrictions

- Officially, the prerequisite is a grade of C or higher in [MATH 1100](#).
- A willingness to put in several hours of work each week to absorb each the material in each module. In math courses, especially this one, the content will build upon itself making it very difficult to catch up if you fall behind

Course Objectives

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

1. Apply properties of functions to graphing and modeling.
2. Solve equations involving algebraic and transcendental functions.
3. Use graphing techniques to graph algebraic and transcendental functions, without using technology.
4. Identify and determine exact and approximate trigonometric function values in both radians and degrees.
5. Prove trigonometric identities.
6. Solve right and oblique triangles.
7. Define polar coordinates and graph polar equations.
8. Apply the terminology of sequences and series to determine terms and sums.

WebAssign Online Homework

Your WebAssign homework is found on the WebAssign website (link provided on Canvas). See Course Calendar (found on Home Page) for all Webassign assignments and their due dates. The online assignments will always be due at 11:59pm on the due date. If the due times conflict with your other classes, work ahead. You have five (5) attempts per problem-type for each online problem in WebAssign. The key/answers are published by WebAssign immediately after the due date. Thus, there are no extensions for any WebAssign assignments.

Quizzes

- There will be weekly quizzes in Canvas. The problems on each quiz will come from homework assignments, either written or WebAssign. No make-up quizzes will be given. Quizzes may be taken on desktop or laptop computers. **IPads are not allowed for exams.**

Exams and Make-up Policy

If you miss an exam for any reason (i.e. emergency, illness, technology issues, no wifi, no internet, have to work, have to travel, are out-of-town, etc.), you may have a 1-day extension on an exam with a 30% penalty. The exam must be completed within a day from the due date. Thus, 30% will be deducted from your official exam score. Requires Instructor approval before the due date. If the exam is not taken within a day after the due date, unfortunately a zero will be recorded for that exam. Please plan accordingly. See calendar for all exam due dates.

Note: Per the College of Science, the final exam does not replace the lowest midterm exam at the end of the semester.

If you miss an exam and you have a [university excused absence](#), according to [06.039 Policy](#), and provide me documentation within 1 business day of the missed exam, then you have one day to make it up.

Requires Instructor Approval.

Exams will be administered in Canvas with Respondus LockDown Browser with WebCam. You may access Exams through the Syllabus tab on the left side of the Canvas navigation menu, or the content module. All exams are due at 11:59 pm on due dates per the Course Calendar.

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 your desired early exam date.

Exam Protocol

- Exams may be taken on desktop or laptop computers. **IPads are not allowed for exams.**
- Read How to Take Exam with Respondus module in Canvas.
- Clear your test-taking environment and show clean desk surface to webcam (do it slowly not too fast).
- Once opened you have 60 minutes (midterm exams) and 120 minutes (Final Exam) to complete the exam.
- Do not open the exam unless you are prepared to take the exam, and your technology is ready, and in working order and make sure your computer is fully charged.
- No extra time nor re-do's will be granted to account for technical difficulties.
- Work is NOT accepted through email.
- You will be required to complete the problems on your own paper and show your work to the webcam screen before you submit the exam. Make sure the work is legible on the screen.
- No noise or watching TV during any exams. Failure to comply with all exam protocols will result in a zero for that exam.
- Exams and quizzes are to be taken on a desktop computer or laptop computer. IPads are not allowed and are not compatible with LockDown Browser WebCam and Screen features.

Attendance

Attendance is important and required. In this class, this means working through the lecture notes with the aid of the instructional videos. It is assumed you will do this. The instructor will not repeat whole lectures or offer personal lessons in office hours, zoom sessions or email. These venues are for specific questions/problems.

Changes to Syllabus

I reserve the right to amend, append, or otherwise make changes to this syllabus, should the need arise. Any changes will be posted as an Announcement in Canvas.

AI Use Policy

I put the following: AI is not allowed on exams. There are many avenues you can use to get help on homework - my office hours, email, the Math Lab, ... - all of which should be able to help you in the process of learning the material. AI is unlikely to be beneficial to you in learning math and sometimes will produce errors that are difficult to decode.

Getting Help

Extra Help: Do not hesitate to connect with me via zoom and by appointment to discuss a homework problem or any aspect of the course. You also may want to consider the UNT MathLab (SAGE 130). Information is available at: <http://math.unt.edu/mathlab>
Additional help can be found through the UNT Learning Center: <http://learningcenter.unt.edu/>, select the tutoring button located near the top of the page for different tutoring options.

Summary of Key Dates

Date	Importance of Date
Aug. 18	Classes Begin
Aug. 22	Last day to add a class or swap sections.
Aug. 29	Last day to drop a class section without a W.
Sept. 26	Last day to change to pass/no pass grade option (undergrads).
Nov. 7	Last day for a student to drop a course or all courses with a grade of W.
Nov. 8	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.
Nov. 24 – Nov. 30	Thanksgiving Break – No classes
Dec. 5	Reading day; no class
Dec. 6 - 12	Final examinations. Term ends.

About the Course calendar

The course calendar may be found on the Home Page by clicking the green tab, 'Course Calendar'. The course calendar is a tentative calendar. Several dates are fixed, especially the homework and Exam due dates. Other dates are intended to give you a guide for your progress. For instance, the "due" dates for the lecture notes will not be graded, but should give you a sense of how to plan your time to complete all of the material. I'll add that the homework can always be worked ahead, so the due dates could be much sooner than those listed. This course is online, but not intended to be self-paced. The exams are expected to be taken at the listed times and due dates. If this will cause you a problem, please contact me as soon as possible.

Math is not a spectator sport. You will not learn mathematics from watching your instructor or friends or a screen display of ideas and solving problems. You must try the problems, finish problems, ask questions, make mistakes, correct mistakes, put concepts into your own words, and practice, practice, practice.

Note: This syllabus is subject to change as the instructor deems necessary. Any/all changes will be announced via course announcements. It is the responsibility of the student check all the course announcements throughout the semester.

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Wk#	Due Date	Monday - Friday Material to cover and read: Lecture notes, fill-in lecture notes, watch videos.	Item Due in Canvas or Webassign
		Note: The instructor reserves the right to make changes to this calendar as necessary. It is the student's responsibility to be aware/read Canvas announcements for any changes.	
1	18-Aug	Watch instructor 'Introduction' video - located on Home Page.	
		Review Syllabus and Course Calendar	
		Read Canvas Modules: 'Start Here', 'How to Take Exams with Respondus', 'Introduction' and 'Exam 1 material'.	
		Set up LockDown Browser on your laptop/desktop - requires a Webcam. NOTE: Ipads are not allowed for quizzes and exams.	
		Create WebAssign Account	
		Work on Lessons 1 - 3 Notes and Videos.	
2	25-Aug	HOMEWORK DUE	Start Here Syllabus Quiz
	26-Aug	HOMEWORK DUE	Getting Familiar with Webassign
		HOMEWORK DUE	Webassign: 01, 02, 03
	27-Aug	HOMEWORK DUE	Weekly Quiz 1
	28-Aug	Work on Lessons 4 - 9 Notes and Videos.	
3	1-Sep	Labor Day - No Class	
	2-Sep	HOMEWORK DUE	Webassign: 04, 05, 06
	3-Sep	HOMEWORK DUE	Webassign: 07, 08, 09
	4-Sep	HOMEWORK DUE	Weekly Quiz 2
4	8-Sep	Exam 1 Online	Exam 1 (Lessons 1 - 9)
	9-Sep	Work on Lessons 10, 11 Notes and Videos.	
	10-Sep	HOMEWORK DUE	Webassign: 10,11
	11-Sep	HOMEWORK DUE	Weekly Quiz 3
	12-Sep	Work on Lessons 12, 13, 14, 15, 16 Notes and Videos.	

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5	15-Sep	HOMEWORK DUE	Webassign: 12, 13, 14
	16-Sep	HOMEWORK DUE	Webassign: 15, 16
	17-Sep	HOMEWORK DUE	Weekly Quiz 4
	18-Sep	Work on Lessons 17, 18, 19, 20 Notes and Videos.	
6	22-Sep	HOMEWORK DUE	Webassign: 17, 18
	23-Sep	HOMEWORK DUE	Webassign: 19, 20
	24-Sep	HOMEWORK DUE	Weekly Quiz 5
7	29-Sep	Exam 2 Online	Exam 2 (Lessons 10 - 20)
	30-Sep	Work on Lesson 21 Notes and Videos.	
	1-Oct	HOMEWORK DUE	Webassign: 21
	2-Oct	HOMEWORK DUE	Weekly Quiz 6
	3-Oct	Work on Lessons 22, 23, 24, 25 Notes and Videos.	
8	6-Oct	HOMEWORK DUE	Webassign: 22, 23
	7-Oct	HOMEWORK DUE	Webassign: 24, 25
	8-Oct	HOMEWORK DUE	Weekly Quiz 7
	9-Oct	Work on Lessons 26, 27, 28 Notes and Videos.	
9	13-Oct	HOMEWORK DUE	Webassign: 26, 27
	14-Oct	HOMEWORK DUE	Webassign: 28
	15-Oct	HOMEWORK DUE	Weekly Quiz 8
	16-Oct	Work on Lessons 29, 30, 31 Notes and Videos.	
10	20-Oct	HOMEWORK DUE	Webassign: 29, 30
	21-Oct	HOMEWORK DUE	Webassign: 31
	22-Oct	HOMEWORK DUE	Weekly Quiz 9

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11	27-Oct	Exam 3 Online	Exam 3 (Lessons 21 - 31)
	28-Oct	Work on Lessons 32 Notes and Videos.	
	29-Oct	HOMEWORK DUE	Webassign: 32
	30-Oct	HOMEWORK DUE	Weekly Quiz 10
	31-Oct	Work on Lessons 33, 34, 35 Notes and Videos.	
12	3-Nov	HOMEWORK DUE	Webassign: 33, 34
	4-Nov	HOMEWORK DUE	Webassign: 35
	5-Nov	HOMEWORK DUE	Weekly Quiz 11
	6-Nov	Work on Lessons 36, 37, 38, 39 Notes and Videos.	
13	10-Nov	HOMEWORK DUE	Webassign: 36, 37
	11-Nov	HOMEWORK DUE	Webassign: 38, 39
	12-Nov	HOMEWORK DUE	Weekly Quiz 12
	13-Nov	Work on Lessons 40, 41, 42 Notes and Videos.	
14	17-Nov	HOMEWORK DUE	Webassign: 40, 41
	18-Nov	HOMEWORK DUE	Webassign: 42
	19-Nov	HOMEWORK DUE	Weekly Quiz 13
	20-Nov	Exam 4 Online	Exam 4 (Lessons 32 - 42)
	11/24 - 11/30	THANKSGIVING BREAK - NO CLASSES	
15	1-Dec	Work on Lessons 43, 44 Notes and Videos.	
	2-Dec	HOMEWORK DUE	Webassign: 43, 44
16	8-Dec	FINAL EXAM ONLINE	Final Exam, Comprehensive/Required

Technical Assistance

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 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 130

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>)

Cengage WebAssign Technical Support

WebAssign offers student technical support

Phone: 800.354.9707

Website: [WebAssign Student Support](#)

Academic Support Services

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

Student Support Services

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>)

Other student support services offered by UNT include:

- [Registrar](https://registrar.unt.edu/registration) (<https://registrar.unt.edu/registration>)
- [Financial Aid](https://financialaid.unt.edu/) (<https://financialaid.unt.edu/>)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](https://studentaffairs.unt.edu/career-center) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)

- [Pride Alliance](https://edo.unt.edu/pridealliance) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (<https://deanofstudents.unt.edu/resources/food-pantry>)

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

Academic Integrity Standards and Consequences

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 a 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. 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. See [Academic Integrity](#) for details on academic integrity at UNT.

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.

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 accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.

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 the UNT Learning Management System (LMS) for contingency plans for covering course materials.

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>).

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