

2024 Spring MATH 1650.400/420 Pre-Calculus

Online Course

Instructor Contact

Name: Lidia V. Dattalo

Office Location: GAB452

Office Hours: By Appointment via Zoom

Communication: Use the Canvas Inbox (preferred). If you email me, I only respond to UNT student 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 1-2 business day, during business hours.

Final Exam

The final exam is due Monday, May 6, 2024 at 5 pm.

[Final Exam Schedule Spring 2024](#)

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*, 7th 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%
Written Homework	5%
Quizzes	10%
Final Exam	15%

A: 90-100%
B: 80-89%
C: 70-79%
D: 60-69%
F: 59 and below

Calculator Policy

Calculators will **NOT** be permitted for quizzes. 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). You may complete most Webassign assignments for 70% credit until 11:59 PM Friday of the next week from the due dates. See Course Calendar (found in Start Here in Modules) for all Webassign assignments and 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. At the end of the term, your two (2) lowest WebAssign homework scores will be dropped.

To provide an incentive, you will receive a 10% bonus for any WebAssign homework completed more than 48 hours before the posted deadline. Keep in mind that you will have to check WebAssign and the

Course Calendar frequently to keep up with the due dates, there will not be additional reminders in Canvas.

Written Assignments

You will have several written assignments. These assignments require you to show, in your own handwriting, the mathematical process for the problems. These written assignments must satisfy the following conditions:

- Must be completed in your own legible writing.
- Written Assignments should be project-level quality: well organized, written neatly, and mathematically correct.
- No credit for correct answers without correct work.

A zero will be assigned to any submission that does not meet ALL of the submission requirements. No late homework will be accepted for any reason whatsoever. At the end of the term, your two (2) lowest written homework scores will be dropped.

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. To account for not allowing make-up quizzes, the lowest two (2) quiz scores will be dropped.

Exams and Make-up Policy

No make-up exams will be given for any reason.

There will be four exams and a comprehensive final exam. All exam due dates are stated in the course calendar. All exams are due on Mondays at 5 PM.

Exams will be administered in Canvas with Respondus LockDown Browser with a webcam. They will be available the day before the posted exam time period. **Exams not submitted by 5 PM on the posted exam due date will receive a zero**, regardless on when you begin the exam. You may access Exams through the Syllabus tab on the left side of the Canvas navigation menu, or the content module.

If you miss an exam for any reason (emergency, illness, computer problems, wifi problems, have to work, do not have time to take an exam, etc.), unfortunately, a zero will be given 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 2 business days of the missed exam, then the zero may be replaced with your final exam grade.

If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

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

- 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 to complete the exam. You will have more time for the final 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.

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.

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.

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)

Summary of Key Dates

Date	Importance of Date
Jan 16	Classes Begin
Jan 29	Census Date
Mar 11 – 17	Spring Break
Apr 5	Last day for a student to drop a course with a W.
Apr 6	Beginning this date, a student who qualifies may request an Incomplete, with a grade of I.
May 1 - 2	Pre-finals Days
May 2	Last Regular Class Meeting
May 3	Reading Day (no classes)
May 4 - 10	Final Exams

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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About the attached calendar

The pages that follow include 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 solve 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.

WEEK #	DAY	DUE DATE	MATERIAL TO COVER/READ	ITEM DUE IN CANVAS or Webassign
				Homework due Fridays at 11:59 pm Exams due Mondays at 5 pm
1	Tue.	16-Jan	Watch instructor 'Introduction' video - located on Home Page. Review Syllabus and Course Calendar Review 'Start Here' Module	
	Wed.	17-Jan	Lessons 1, 2 and 3	
	Fri.	19-Jan	HOMEWORK DUE	Start Here Syllabus Quiz Getting Familiar with Webassign Webassign: 01, 02, 03 Worksheet (Written HW) #1 Weekly Quiz 1: requires Respondus LockDown Browser and Webcam
2	Mon.	22-Jan	Lessons 4, 5, 6, 7, 8 and 9	
	Fri.	26-Jan	HOMEWORK DUE	Webassign: 04, 05, 06, 07, 08, 09 Worksheet (Written HW) #2 Weekly Quiz 2: requires Respondus LockDown Browser and Webcam Module 1 Disussion
3	Mon.	29-Jan	Exam 1 Online	Exam 1 - due at 5 PM
	Tues.	30-Jan	Lessons 10, 11	
	Fri.	2-Feb	HOMEWORK DUE	Webassign: 10,11 Worksheet (Written HW) #3 Weekly Quiz 3: requires Respondus LockDown Browser and Webcam
4	Mon.	5-Feb	Lessons 12, 13, 14, 15, 16	
	Fri.	9-Feb	HOMEWORK DUE	Webassign: 12, 13, 14, 15, 16 Worksheet (Written HW) #4 Weekly Quiz 4: requires Respondus LockDown Browser and Webcam

5	Mon. Fri.	12-Feb 16-Feb	Lessons 17, 18, 19, 20 HOMEWORK DUE	Webassign: 17, 18, 19, 20 Worksheet (Written HW) #5 Weekly Quiz 5: requires Respondus LockDown Browser and Webcam
6	Mon. Tues. Fri.	19-Feb 20-Feb 23-Feb	Exam 2 Online Lesson 21 HOMEWORK DUE	Exam 2 - due at 5 PM Webassign: 21 Worksheet (Written HW) #6 Weekly Quiz 6: requires Respondus LockDown Browser and Webcam
7	Mon. Fri.	26-Feb 1-Mar	Lessons 22, 23, 24, 25 HOMEWORK DUE	Webassign: 22, 23, 24, 25 Worksheet (Written HW) #7 Weekly Quiz 7: requires Respondus LockDown Browser and Webcam
8	Mon. Fri.	4-Mar 8-Mar	Lessons 26, 27, 28 HOMEWORK DUE	Webassign: 26, 27, 28 Worksheet (Written HW) #8 Weekly Quiz 8: requires Respondus LockDown Browser and Webcam
	Mon.	11-Mar	Spring Break	
9	Mon. Fri.	18-Mar 22-Mar	Lessons 29, 30, 31 HOMEWORK DUE	Webassign: 29, 30, 31 Worksheet (Written HW) #9 Weekly Quiz 9: requires Respondus LockDown Browser and Webcam
10	Mon. Tue. Fri.	25-Mar 26-Mar 29-Mar	Exam 3 Online Lesson 32 HOMEWORK DUE	Exam 3 - due at 5 PM Webassign: 32 Worksheet (Written HW) #10

				Weekly Quiz 10: requires Respondus LockDown Browser and Webcam
11	Mon. Fri.	1-Apr 5-Apr	Lessons 33, 34, 35 HOMEWORK DUE	Webassign: 33, 34, 35 Worksheet (Written HW) #11 Weekly Quiz 11: requires Respondus LockDown Browser and Webcam
12	Mon. Fri.	8-Apr 12-Apr	Lessons 36, 37, 38, 39 HOMEWORK DUE	Webassign: 36, 37, 38, 39 Worksheet (Written HW) #12 Weekly Quiz 12: requires Respondus LockDown Browser and Webcam
13	Mon. Fri.	15-Apr 19-Apr	Lessons 40, 41, 42 HOMEWORK DUE	Webassign: 40, 41, 42 Worksheet (Written HW) #13 Weekly Quiz 13: requires Respondus LockDown Browser and Webcam Module 4 Discussion - Eq. Editor
14	Mon. Tues. Fri.	22-Apr 23-Apr 26-Apr	Exam 4 Online Lesson 43 HOMEWORK DUE	Exam 4 - due at 5 PM Webassign: 43
15	Mon. Fri.	29-Apr 3-May	Lesson 44 HOMEWORK DUE	Webassign: 44
16	Mon.	6-May	FINAL EXAM ONLINE Final exam is required and worth 15% of your overall grade. It is comprehensive.	Final Exam - online - due at 5 PM