2026 Spring MATH 1650.410 | Precalculus
January 12 – May 8

Instructor Information

Name: Jake Williams
Office Location: GAB 462
Office Hours: MTWR, 12:30 pm – 1:30 pm or by appointment
Email Address: Jake.Williams@UNT.edu
Communication Expectations: Send an email to the email address above. I highly recommend using UNT's Webmail service to do this. You *must* use your UNT email account, or I cannot respond *at all* due to FERPA and other privacy concerns. Your communication with me should be in line with UNT's General Online Communication Guidelines. If you email me and do not receive a reply within one (1) business day, please send a follow-up. A gentle nudge is always appreciated!

> **Note:** One *business day* is Monday through Friday from 9 am to 5 pm.

Course Overview

This course strengthens your computational skills and deepens your understanding of key algebraic and trigonometric concepts without relying on a calculator. You'll review, refresh, and build proficiency in solving and analyzing trigonometric functions, sequences, series, exponential and logarithmic functions, and polynomial and rational functions.

More than just preparation for Calculus, this course reinforces what you know while introducing challenging and applicable topics, laying a solid foundation for your future STEM studies. The course is organized into four modules to guide your learning progression.

Catalog 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.

Course Prerequisites

The official prerequisite to take Precalculus is a grade of C or higher in MATH 1100.

Students should also have digital literacy skills, including:
- Navigate Canvas.
- Complete assignments online.
- Scan and submit online handwritten assignments.
- Download and install course software, Respondus Lock Down Browser.
- Download and print required course materials.

Course Structure

This course takes place 100% online with no required class meeting times. You'll complete all learning and assignments independently, with my support throughout.

All communication, assignments, and materials will be managed through Canvas. Optional online sessions may be offered, and tips for succeeding in a remote learning environment are available at [UNT Online](https://online.unt.edu/learn) (https: //online.unt.edu/learn).

This course begins with the first content module already available on Canvas. New modules will unlock as we progress. This course has four (4) content modules. Module, chapter, and unit are used interchangeably.

Each module includes printable lecture notes that align with the instructional videos. Watch the videos for guided instruction and worked examples and complete the notes as you watch. This simulates the classroom experience and should help you learn and retain the material more effectively.

Course Objectives

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

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

Required Course Materials

Cengage WebAssign Requirement

This course requires the **purchase** of access to Cengage WebAssign, the online platform that hosts the majority of your homework, an interactive e-text, and additional course resources.

WebAssign includes:

- Homework assignments for each content module
- The e-text of *Precalculus: Mathematics for Calculus*, 8th Edition (2025) by James Stewart, Lothar Redlin, and Saleem Watson
- Additional learning resources

You will register for Cengage WebAssign through the Cengage link in Canvas (left-hand navigation). Please use **one account** and register with your **official UNT name**, as credit cannot be awarded for work submitted under a different name or multiple accounts.

Deadline: Register by the second day of the term. See the Start Here module in Canvas for full instructions.

Trial Access: If needed, you may begin with a 14-day no-cost trial if you have not previously used this option for this course. Be sure to purchase full access before the trial ends to avoid losing progress or credit for completed work. The 14-days begin the first official day of the term.

For more details about purchasing access, refer to the *Start Here* module in Canvas. Let's start strong!

Note-taking Materials
- Fill-in lecture notes: Available on Canvas.
- Additional materials: Paper and pencil to take notes of video lessons and learning activities.

Calculator

A calculator is permitted only on selected exercises of this entire course – as a primary goal of this course is learning computational skills. For the limited exercises in which a calculator is permitted, many are sufficient for those specific exercises. Acceptable options include the: TI-30XIIS, TI-36, TI-83, or TI-84 (or similar Casio, other manufacturer's calculators). The online Desmos scientific calculator (www.desmos.com) will be available on *some* Respondus LockDown Browser exams.

Utilities with alphanumeric/CAS capabilities or that can connect to the internet are *not* acceptable; neither are business analyst calculators. Unacceptable examples include the: TI-Nspire, TI 89, TI 92, TI BAII Plus, smartphones, and smart watches.

Technology Requirements

To complete this course, you must have

- **A desktop, laptop, or tablet** that is compatible with Canvas and required software.
- 🚫 🔲 *Note:* Smartphones are **not** sufficient for completing coursework or taking exams.
- Webcam and microphone for proctored tests.
- A valid student ID for monitored exams.
- Reliable internet access is essential.
- Access to Microsoft Excel through UNT Office 365: Microsoft Office 365
- Respondus Lockdown Browser (free download linked on Canvas).
- A printer is strongly recommended.

Check Canvas Technical Requirements to ensure your device is compatible.

Course Evaluation & Grading

Evaluation

Your grade in this course is determined by your performance on the following components:
- Homework (WebAssign) – 10%
- Quizzes – 10%
- Written Assignments (Worksheets) – 10%
- Engagement Tasks (Discussions, Orientation assignments, etc.) – 2%
- Midterm Exams (average of all) – 50%
- Final Exam – 20%

Grading Scale

Letter Grade	Percentage Range
A	90–100%
B	80–89%
C	70–79%
D	60–69%
F	Below 60%

No rounding is done when assigning final grades. If you receive a 69.99% in my course, you will be assigned a "D", not a "C". The same goes for the other letter grade boundaries.

Grading Philosophy

Your course grade is based entirely on your individual performance on graded assignments and assessments. I do not grade on a curve, as doing so would compare your results to others. Instead, I

encourage you to collaborate with your peers to deepen your understanding while focusing on your own progress.

Resources for Success

College math success doesn't happen in isolation. Support and collaboration make a big difference. Below are key resources to help you stay on track and strengthen your understanding:

- **Instructor Support**: Message me through UNT's Webmail service at my instructor email (above). I respond to most student messages within one business day.
- **Study Groups**: Use the Navigate Study Buddy tool to connect with classmates and study together. Collaborative learning strengthens understanding.
- UNT Math Lab: Free math tutoring in a welcoming environment.
- The Learning Center: Academic coaching, workshops, and tutoring to support your success across all courses.

Course Components

Homework – Learn through Practice

Homework assignments are intended as consistent, structured practice to help you build proficiency with new content. To that end, you will typically have 3 – 5 homework assignments per week, starting the first week of class.

The course is split into four modules, each containing 9 – 12 sections. Homework assignments, including WebAssign, are all accessed via Canvas.

Maintain a dedicated notebook for your math work. Writing out each step—including the theorems or rules applied—not only reinforces understanding but also creates a valuable resource for exam preparation.

- **Attempts:** Most WebAssign questions allow up to 5 attempts. True/false and multiple-choice questions typically allow only 1 attempt.

- **Due Dates:** All assignments are due by 11:59 PM on the posted due date. If a deadline conflicts with your schedule, plan ahead and work early.

- **Early Submission Bonus:** To encourage effective time management, a 5% bonus will be added to any homework submitted more than 48 hours before the deadline.

- **Late Work Policy:** Late homework is not accepted. However, your two lowest homework scores will be dropped at the end of the term to account for occasional difficulties.

- **Additional Assignments:** Other graded activities, such as learning support tasks, may also be included in the homework category and will appear in Canvas.

Quizzes

Quizzes help you check your understanding as you progress through the course. These regular, lower-stakes assessments are designed to support your preparation for the module exams.

- For best quiz results, complete the related homework first.
- Quizzes are delivered on Canvas through Respondus Lockdown Monitor.
- New quizzes open on Thursday each week.
- Quizzes are due by 11:59 PM on the following Monday.
- Quizzes are timed and must be completed in one sitting.
- You get two (2) attempts per quiz.
- At the end of the term, one low quiz score will be dropped.

Written Assignments

Written submission assignments provide practice in clearly and accurately presenting mathematical work. These assignments emphasize not only correct computation and reasoning, but also mathematical communication – explaining your process in a way that others can follow. Developing these skills is essential for success in this course and future courses.

- Begin each written assignment as you work through the related WebAssign homework.
- Use your first draft to identify and correct errors, then neatly rewrite your final version.
- Correct answers without mathematically valid and clearly communicated work will not receive full credit.
- Digital work is not accepted. All submissions must be handwritten by you.
- Submit a PDF of your final version to Canvas by 11:59 PM of the due date, which is Friday.

Engagement Tasks

Engagement tasks help you get familiar with course expectations, tools, and the learning process. These may include orientation quizzes, discussion posts, and surveys. They are designed to promote participation and build a sense of connection in our online class.

- Complete all engagement tasks **on time** to receive credit.
- Tasks are available in **Canvas** and follow posted due dates.
- They count toward your overall course performance.

Exams

You have five (5) exams: Four (4) midterm exams and a required final exam. Content questions are NOT answered on exam days.

Exam 1 – Tuesday, Feb 10, closes at 11:59 PM. Module 1 Function Fundamentals
Exam 2 – Tuesday, Mar 3, closes at 11:59 PM. Module 2 Algebra of Functions and Algebraic Functions
Exam 3 – Tuesday, Mar 31, closes at 11:59 PM. Module 3 Transcendental Functions
Exam 4 – Tuesday, Apr 28, closes at 11:59 PM. Module 4 Analytic Trigonometry
Final Exam – Wednesday, May 6, closes at 11:59 PM. The final exam is comprehensive.

This course does not accept late work regardless of the reason.

Changes to Syllabus

Changes made to the syllabus will be posted as an Announcement on Canvas.

Course Schedule

Course assignments are due by 11:59 PM on the posted date, which will almost always be on Mondays. (Exceptions will be announced on Canvas.) To avoid last-minute problems, complete your learning coursework early: read the textbook, print notes, and watch lesson videos while taking notes to prepare for your homework. This helps you understand the material and perform better on assignments. In short, *do* your coursework before the assignment is *due*.

🗓 Week 1

Date	Assignments Due
1/12/2026	**ORIENTATION QUIZ:** Syllabus Quiz
1/13/2026	**ORIENTATION QUIZ:** Expectations of an Online Course Quiz **ORIENTATION QUIZ:** AI Use Policy Quiz
1/14/2026	• Module 1.1 (Functions) • Module 1.2 (Unit Circle)
1/15/2026	**Discussion:** Getting Acquainted
1/16/2026	• Module 1.3 (Trig Functions of Real Numbers) Worksheet 1

🗓 Week 2

Date	Assignments Due
1/19/2026	MLK Jr Holiday – University closed
1/20/2026	• Module 1.4 (Modeling with Equations) **QUIZ:** Quiz 1
1/21/2026	• Module 1.5 (Inequalities) • Module 1.6 (Lines)
1/22/2026	
1/23/2026	• Module 1.7 (Sequences and Summation Notation)

🗓 Week 3

Date	Assignments Due
1/26/2026	**QUIZ:** Quiz 2
1/27/2026	
1/28/2026	• Module 1.8 (Arithmetic Sequences) • Module 1.9 (Geometric Sequences)
1/29/2026	
1/30/2026	• Module 1.10 (Modeling Variations) Worksheet 2

🗓 Week 4

Date	Assignments Due
2/2/2026	• Module 1.11 (Graphs of Functions) **QUIZ:** Quiz 3
2/3/2026	
2/4/2026	• Module 1.12 (Getting Information from Graphs)
2/5/2026	**Discussion:** Module 1 – Self-Directed Learning
2/6/2026	• Module 2.1 (Average Rate of Change) **Exam 1 Review (Zoom)**

🗓 Week 5

Date	Assignments Due
2/9/2026	**QUIZ:** Quiz 4
2/10/2026	**Exam 1**
2/11/2026	• Module 2.2 (Transformation of Functions) • Module 2.3 (Combining Functions)
2/12/2026	
2/13/2026	• Module 2.4 (One-to-One Functions and their Inverses) Worksheet 3

🗓 Week 6

Date	Assignments Due
2/16/2026	• Module 2.5 (Quadratic Functions and Models) **QUIZ:** Quiz 5
2/17/2026	
2/18/2026	• Module 2.6 (Polynomial Functions and their Graphs)
2/19/2026	
2/20/2026	• Module 2.7 (Dividing Polynomials)

🗓 Week 7

Date	Assignments Due
2/23/2026	• Module 2.8 (Real Zeros of Polynomials) **QUIZ:** Quiz 6
2/24/2026	
2/25/2026	• Module 2.9 (Complex Numbers) • Module 2.10 (Complex Numbers and the Fundamental Thm of Algebra)
2/26/2026	**Discussion:** Module 2 – New Discoveries
2/27/2026	• Module 2.11 (Rational Functions) Worksheet 4 **Exam 2 Review (Zoom)**

🗓 Week 8

Date	Assignments Due
3/2/2026	**QUIZ:** Quiz 7
3/3/2026	**Exam 2**
3/4/2026	• Module 3.1 (Trigonometric Graphs)
3/5/2026	
3/6/2026	• Module 3.2 (More Trigonometric Graphs)

Spring Break March 9 – March 15

📅 Week 9

Date	Assignments Due
3/16/2026	• Module 3.3 (Inverse Trig Functions and Graphs) **QUIZ:** Quiz 8
3/17/2026	
3/18/2026	• Module 3.4 (Exponential Functions
3/19/2026	
3/20/2026	• Module 3.5 (The Natural Exponential Function) Worksheet 5

📅 Week 10

Date	Assignments Due
3/23/2026	• Module 3.6 (Logarithmic Functions) **QUIZ:** Quiz 9
3/24/2026	
3/25/2026	• Module 3.7 (Laws of Logarithms) • Module 3.8 (Exponential and Logarithmic Equations)
3/26/2026	**Discussion:** Module 3 – Cultivating a Growth Mindset
3/27/2026	• Module 3.9 (Modeling with Exponential Functions) **Exam 3 Review (Zoom)**

📅 Week 11

Date	Assignments Due
3/30/2026	• Module 4.1 (Angle Measure) **QUIZ:** Quiz 10
3/31/2026	**Exam 3**
4/1/2026	• Module 4.2 (Trigonometry of Right Angles)
4/2/2026	
4/3/2026	• Module 4.3 (Trigonometric Functions of Angles) Worksheet 6

📅 Week 12

Date	Assignments Due
4/6/2026	• Module 4.4 (Inverse Trig and Right Triangles) **QUIZ:** Quiz 11
4/7/2026	
4/8/2026	• Module 4.5 (The Law of Sines) • Module 4.6 (The Law of Cosines)
4/9/2026	
4/10/2026	• Module 4.7 (Trigonometric Identities)

📅 Week 13

Date	Assignments Due
4/13/2026	• Module 4.8 (Addition and Subtraction Formulas) **QUIZ:** Quiz 12
4/14/2026	
4/15/2026	• Module 4.9 (Double Angle and Half-Angle Formulas)
4/16/2026	
4/17/2026	• Module 4.10 (Basic Trig Equations) Worksheet 7

📅 Week 14

Date	Assignments Due
4/20/2026	**QUIZ:** Quiz 13
4/21/2026	
4/22/2026	• Module 4.11 (More Trig Equations)
4/23/2026	**Discussion:** Module 4 – Demonstrating and Explaining an Involved Solution
4/24/2026	• Module 4.12 (Polar Coordinates) **Exam 4 Review (Zoom)**

📅 Week 15

Date	Assignments Due
4/27/2026	**QUIZ:** Quiz 14
4/28/2026	**Exam 4**
4/29/2026	Time to prepare for Final Exam
4/30/2026	Time to Prepare for Final Exam
5/1/2026	**Final Exam review (Zoom)**

📝 Final Exam Week

Date	Scheduled Content
5/4/2026	• Optional Review for Final Exam Homework (WebAssign)
Wednesday 5/6/2026	**Final Exam**

Course Policies

Academic Integrity

Academic honesty is essential to your success and to maintaining the integrity of our university. Cheating, plagiarism, or any form of academic dishonesty will not be tolerated. A student found cheating will receive a zero on that assignment; for exam-related violations, a final course grade of F may be assigned; and all violations will be reported to the Office of Academic Integrity in accordance with UNT Policy 06.003.

Every student in this course is capable of success through honest effort, personal responsibility, and appropriate use of resources.

Attendance

Although this course is online, active participation is required. In this setting, "attendance" means regularly engaging with learning materials, including watching the instructional videos and completing the student lecture notes. The instructor will not repeat entire lectures via email or office hours; those times are reserved for specific questions or clarifications.

You are encouraged to **work ahead** and manage your time effectively. If a schedule conflict arises, complete the work early. For exam scheduling conflicts, request an early exam in advance.

Review UNT's Student Attendance and Authorized Absences Policy for information on excused absences.

Examination Policy

Exams are taken on Canvas using Respondus Lockdown Browser and must be submitted by **11:59 PM** on the scheduled date. Late submissions are not accepted, regardless of when you start the exam. You may access Exams through the Syllabus tab on the left side of the Canvas navigation menu, or the content module.

Your lowest exam grade will be replaced with your grade on the cumulative final exam at the end of the semester if it is higher. However, an exam grade of zero resulting from academic dishonesty *will not* be replaced and will be counted against the student's final grade.

Early Exam Request

If you have a conflict with a scheduled exam date, you may request to take your exam early. Please send your request via Canvas Inbox at least one week prior to the desired early exam date.

Exam Protocol

To ensure exam integrity, please follow these guidelines carefully:

- Review the "How to Take Exam with Respondus" module in Canvas before your exam.
- Have your valid student ID ready to show to the camera.
- Show a clear desk and testing environment to your webcam.
- Complete the exam alone in a quiet, distraction-free location. Do not talk while you take your exam.
- Once you begin, you have the specified time to complete the exam – no extensions.
- Do not open the exam until you are fully prepared and your technology is working properly.
- No extra time or retakes will be granted due to technical difficulties.
- Complete all work neatly and sequentially on your own paper. You may be asked to show your work to the webcam. No valid work means no credit – no exception.
- If required, submit your work in the provided portal on Canvas within 15 minutes of finishing your exam. Again, no valid work, no credit – no exceptions.
- Work sent via email is not accepted.
- Submitted work must exactly match what you showed on the Respondus webcam. Any discrepancies will result in a zero score for the portion of the exam.

Exam grades will be posted in Canvas within one week. You may request to review specific questions, but all grading decisions are final and not subject to negotiation.

Late Work Policy

UNT is a community of achievers, and success depends upon staying on schedule. This course maintains high standards and expects students to demonstrate commitment and excellence. To support your success, all coursework must be completed and submitted by the posted due dates—late submissions are **not accepted**.

- Assignments are due by 11:59 PM of the posted due date.
- Exams must be taken on the due date and submitted by 11:59 PM on the due date. See the Examination Policy above for possible grade replacement under qualifying circumstances.

- To encourage staying on track, a 5% bonus is awarded on WebAssign homework completed more than 48 hours before the due date.
- Your two lowest homework scores will be dropped at the end of the term to accommodate emergencies.

Student Support Services & Technical Assistance

Academic Support & Student Services

UNT strives to offer you a high-quality education and a supportive environment, so you learn and grow. As a faculty member, I am committed to helping you be successful as a student. To learn more about campus resources and information on how you can be successful at UNT, go to Succeed at UNT (unt.edu/success) and explore the many links at Wellness at UNT (unt.edu/wellness). To get all your enrollment and student financial-related questions answered, go to Integrated Student Services (scrappysays.unt.edu).

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)

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)

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

Cengage WebAssign Student Support

Website: WebAssign Student Support

Welcome to UNT!

As members of the UNT community, we have all made a commitment to being 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 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.

Students in my class can improve their performance by attending class, consistently doing their own work, and accessing appropriate resources. Academic Integrity Policy violations will not. Read and follow this important set of guidelines for your academic success.

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 website. (https://disability.unt.edu/).

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).

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.

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/) or email spot@unt.edu.

Important Notice for F-1 Students taking Distance Education Courses

Federal regulations state that students may apply only 3 fully-online semester credit hours (SCH) to the hours required for full-time status for F-1 Visa (PDF) holders. Full-time status for F-1 Visa students is 12 hours for undergraduates and 9 hours for graduate students.

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 Student Identity Verification Policy, (https://policy.unt.edu/policy/07-002).

Summary of Key Dates – 2026 Spring

See, [Academic Calendars by Semester,](#) for the complete list.

January 12: Classes begin.

January 16: Last Day to Add a Class or Swap Sections. A swap is switching sections of the same course in the same session.

January 24: Last Day to Drop a Class Section Without W. Courses dropped before this date will not appear on official transcript. Dropping courses may impact financial aid and degree completion. See advisors.

January 25: Drop with a grade of W Begins. Courses appear on the transcript with a grade of W and tuition and fees remain. Dropping courses may impact financial aid and degree completion. See advisors.

February 20: Last Day to Change to Pass/No Pass (undergrads)

March 6: Midpoint of the Semester

April 10: Last Day to Drop a Course or All Courses with a Grade of W.

April 11: First Day to Request a Grade of Incomplete. Beginning this date, a student may request a grade of "I," incomplete, a non-punitive grade given only if the

- (1) student *is passing*,
- (2) has justifiable reason the work cannot be completed on schedule; and
- (3) arranges with the instructor to complete the work in no more than one academic year.

April 29 – 30: Prefinal Days

April 30: Last Regular Class Meeting

May 1: Reading Day – No Classes

May 4 – 8: Final Examinations

May 8: Last Day of Session