Course Syllabus

Welcome to ADTA5250.401

I am so excited to have you in class this semester, and I look forward to working with all of you throughout the course.

- **ADTA 5250**: Large Data Visualization
- **Credit Hours**: 3
- **Class Time**: Asynchronous recorded weekly meetings.
- **Class Location**: Online

Instructor Contact Information

- Dr. Shon Williams
- **Office Location**: GAB 102
- **Office Hours**: Thursdays 11 - 2:50 pm - please make an appointment to ensure I will be in the office. I will also be happy to schedule a time outside of scheduled office hours if needed. I will also post additional office hours where you can work with the TA for any homework questions. These times will be posted in the announcements after the semester begins.
- **Email**: Shon.Williams@unt.edu

Communication and Interaction with Instructor:

Communication is essential for a successful semester!

I look forward to getting to know and working with you all. Contact me anytime using my UNT email (Shon.Williams@unt.edu). I check my email daily and will make every effort to respond within 24 hours. If you have not heard back from me in 24 hours, please feel free to send another email. During the weekend, after Friday at 5 pm, I will respond to my email as soon as possible on Monday. Please do NOT email me through Canvas. Here is a great website provided by CLEAR to give you some communication tips for communicating online: CLEAR has a webpage for students that provides Online Communication Tips.

About Your Professor

Greetings and welcome to ADTA 5250: Large Data Visualization. I would like to share a little information about my background. I have over 20 years of experience applying advanced data analytics techniques in the Financial Services Industry, supporting business decisions at American Express, American Express Financial Advisors, Ameriprise Financial, Capital One, and JPMorgan Chase. I am excited to join the great faculty here at UNT. This is my second semester as an Assistant Clinical Professor in the Advanced Data Analytics Department at the Toulouse Graduate School and I am looking forward to teaching Large Data Visualization, bringing my experience into the classroom. I earned a Ph.D. Degree from Texas A&M in Agricultural Economics, and both bachelor's and master's degrees from Brigham Young University, also in Agricultural Economics.
It is a pleasure to have you in class this semester, and I look forward to working with you.

Teaching Philosophy

I believe in being a lifelong learner. This is essential in the field of Advanced Data Analytics. I am committed to my students’ learning and will help them develop a learning framework they can use throughout their careers. The syllabus and course calendar are tools for communicating clear learning objectives, coursework requirements and deadlines to facilitate students' learning.

I think of myself as a master gardener with the classroom being my garden. It is my responsibility to provide a safe and welcoming learning environment where my students can thrive. This includes providing context for each learning objective and assignment. It also includes providing timely feedback. It is my responsibility to strategically introduce challenges which promote my students' professional development.

I believe my students have great potential and I believe in their success. It is my responsibility to prepare my students for entering the workforce. Ultimately, my success as a teacher is measured by my students’ success in their future jobs. To help facilitate my students' future success, I gauge their progress and understanding of the subject matter by establishing performance guidelines in the syllabus, provide timely feedback and grades. My students earn their grades. I understand that “life happens” and I will be flexible when a legitimate problem arises.

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Required prerequisite courses: ADTA 5120 or consent of the instructor. Please ensure that you have the ability to install and run Tableau Prep and Tableau on your computer as this is the primary software we are using for this course.

Materials – Text, Readings, Supplementary Readings

Required


You can purchase this through the UNT bookstore, Amazon, or anywhere that carries the book. If you prefer to have a digital copy, the ISBN is 9781119002260 or 9781119002062. The cost varies from about $17 to $25.

Not Required

These books are NOT required, but you might find them beneficial for extra reinforcement of the material.

Course Description

This course presents strategies and methods for effective visualization and communication of data analyses. Tableau will be used to develop presentations that convey findings, answer business questions, drive decisions, and provide persuasive evidence supported by data. The course targets students interested in using visualization to understand data better and improve their analytics work.

Course Objectives

- Provide an overview and brief history of the practice of data visualization
- Introduce students to the key design principles and techniques for visualizing data
- Develop an understanding of the fundamentals of communication and alignment around the concepts that are required for effective data presentation
- Provide an overview and develop competency in the use of Tableau that can be used for data visualization
- Allow for project-based opportunities to identify, understand, analyze, prepare, and present effective visualizations on a variety of topics

Course Topics

- Introduction to Data Visualization
- Fundamental Concepts of Big Data
- Value of Data Visualization
- Introduction to Tableau
- Design & Best Practices
- Gestalt Principles
- Preattentive Attributes
- Tableau Prep: Preparing Data
- Tableau: Exploratory Data Analysis (EDA)
- Data and Image Models & Properties of Images
- Multivariate Data Visualization
- Narrative Data Visualization
- Data Visualization: Graphs
- Data Visualization: Colors
- Tableau: Parameters & Filters
- Tableau: Dashboards
- Tableau: Updatable Charts and Reports
- PowerBI

COURSE REQUIREMENTS

- The student will be responsible for daily checking the UNT email announcements and other types of class communication.
The student will access and follow all course instructions in the syllabus, announcements, assignments, and all other class-related documents. The student will complete all the class assignments in the time frame specified in the class documents, including the course calendar, to participate effectively in class activities.

Assignments, Assessments, and Discussions

- There will be weekly homework assignments throughout the course. Students are required to submit their homework on time.
- Included in the homework assignments, a quiz on plagiarism in Module 1 must be completed with 100% to move on to Module 2. Submitting the quiz indicates that you are aware of what constitutes plagiarism and the consequences associated with plagiarism. There is also a quick survey that will need to be completed so I can understand the experience of the class.
- There will be two exams: one midterm and one final comprehensive exam. No make-ups will be permitted unless there is documentation through the Dean of Students, or prior approval from the professor.
- In addition to the final exam, a final project will also count toward your final grade.

Make-Up Policy

No make-up assignments or exams will be offered unless approval is received in advance. Students will be required to provide the necessary documentation.

Late-work Policy

- All assignments are to be submitted by the due date and time.
- The deadline for submitting assignments (except the final) is 11:59 PM on the due date.
- Late submissions will receive 0 points.
- I understand that life happens and so for the assignments, I will drop the lowest scoring assignment prior to calculating the final grade.

NOTE: Late work is subject to the penalty described above unless previously approved by the instructor.

Academic Integrity

ADTA students must read and adhere to the academic integrity expectations of the university, department, and course. The consequences of violating Academic Integrity expectations are outlined below.

UNT's Academic Integrity Policy 06.003

- Policy Statement: The University of North Texas promotes the integrity of learning and embraces the core values of trust and honesty. Academic integrity is based on educational principles and procedures that protect the rights of all participants in the educational process and validate the legitimacy of degrees awarded by the University. In the investigation and resolution of allegations of student academic dishonesty, the University's actions are intended to be corrective, educationally sound, fundamentally fair, and based on reliable evidence.
Please understand that “Academic Misconduct,” in this policy, means the intentional or unintentional action by a student to engage in behavior in the academic setting, including, but not limited to, cheating, fabrication, facilitating academic misconduct, forgery, plagiarism, and sabotage. Also, note that I stick to this policy without any leniency! I want the UNT Advanced Data Analytics degree to mean that you earned your degree and that it is well respected in the industry.

Advanced Data Analytics Integrity Policy

<table>
<thead>
<tr>
<th>Weekly breakdown of course</th>
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<td><strong>Penalty</strong></td>
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<tr>
<td><strong>1st Academic Integrity Offense</strong></td>
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<td><strong>2nd Academic Integrity Offense</strong></td>
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<td><strong>3rd Academic Integrity Offense</strong></td>
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My ADTA5250 Class Policy

Each student in my class can improve by doing their own work and trying their hardest. Students who use other people’s work with or without consent or without citations will violate UNT’s Academic Integrity Policy. Please read and follow this important set of guidelines for your academic success, (https://policy.unt.edu/policy/06-003). If you have questions about this or any UNT policy, please email or discuss this during my office hours. Any student suspected of plagiarism and found guilty will receive a zero for the plagiarised assignment. This may be increased to failing the course, depending on the severity of the violation. In addition, the student will be reported to the Academic Integrity Office. If there is a second issue of suspected plagiarism (and found guilty), the student will receive a zero for the course and will be once again reported to the Academic Integrity Office (Please
see the ADTA Department sanctions above). Again, I stick to this policy without question. Please do not take the risk; it is not worth it!

Usage of AI

The availability of large language models, such as ChatGPT (https://chatgpt.com, chat.openai.com, etc.), is rapidly changing the tools available to students and the "real world." The view we will take in this class is that since these tools are widely used in the "real world," banning their use in our class does not make sense. That said, while you may use this tool to help you generate ideas, you may not use the tool to create and submit your work. You must acknowledge and cite the source if you choose to use such a tool. This means including quotation marks to indicate statements generated by ChatGPT or other AI tools. Complete citation is expected for all sources, and a complete AI appendix is expected to thoroughly document AI use.

Additionally, you must understand the content generated by these tools is often incorrect, and it is your responsibility to assess the validity of any output. If used incorrectly and/or cited improperly, this is considered a form of plagiarism and will incur the penalty previously mentioned above in the Academic Integrity Section. If I find a submission suspect, I will use such tools as Turnitin, iThenticate, Copy Leaks, and GPTZero to check how much of the work is original or written by the student. If it is found that more than 18% of the work is created by AI, I will follow the same sanctions as written in the above section on plagiarism. We will talk more about this throughout the course.

Group Projects and Academic Integrity:

- Each team member is 100% responsible for the entire group project. Any academic integrity issue for a group project will result in each team member receiving the penalties described previously including at a minimum the assignment receiving a 0, the semester grade being reduced by 1 letter grade, and having an academic integrity report submitted.

Attendance Policy

- This class is 100% online and there is no required attendance. However, students are responsible for all class material covered in all recorded lectures, weekly recorded class discussions, supplementary instructional videos, and recorded instructions by TAs during their office hours.

Class Schedule

The following is a tentative schedule. Should any change become necessary, it will be announced via Canvas. It is the student's responsibility to check for changes in the schedule.
<table>
<thead>
<tr>
<th>Week</th>
<th>Date: Due at 11:59 pm (Central Time)</th>
<th>Topic Prepare for Class</th>
<th>Homework</th>
</tr>
</thead>
</table>
| 1    | Week of June 3. Homework due June 10| Topics:                | 1. Plagiarism Quiz  
          |                                     | • Syllabus  
          |                                     | • Plagiarism and AI  
          |                                     | • Introduction to Data Visualization  
          |                                     | • Introduction to Tableau  
          |                                     | • Choosing a Dataset  
          |                                     | 2. Class Survey  
          |                                     | 3. Installing Tableau and Tableau Prep  
          |                                     | 4. Choosing a Dataset  
          |                                     | 5. Write a data dictionary for your dataset  |
| 2    | Week of June 10 Homework due June 17| Topic:                 | 1. Working in Tableau's Data Prep  
          |                                     | • Value of Data Visualization  
          |                                     | • EDA  
          |                                     | • Data Prep  
          |                                     | • Context is Everything  
          |                                     | • Business Insights  
          |                                     | 2. Why Data Visualizations  
          |                                     | 3. The Big Idea Worksheet  |
| 3    | Week of June 17 Homework due June 24| Topics:                | 1. Design and Best Practices |
          |                                     | • Choosing the Right Chart  
          |                                     | • Design and Best Practices  |
| 4    | Week of June 24 Midterm due July 1 at 11:59 pm. No late submissions are accepted. | Topic:                 | 1. Critique Classmates' work  
          |                                     | • Multivariate Visualization  
          |                                     | • Midterm - opens at 6:00 AM on the June 24 and closes at 11:59 pm on July 1  |
          |                                     | 2. Design and Best Practices  
          |                                     | 3. The Big Idea Worksheet  |
|   | Week of July 1 | Homework due July 8 | Topics: | 1. Creating a Storyboard  
2. Parameters and Filters |
|---|----------------|---------------------|---------|-----------------------------|
| 5 | Week of July 8 | Homework due July 15 | Topics: | 1. Creating a Dashboard in Tableau  
2. Create an Updatable Report with Tableau |
| 6 | Week of July 15 | NO homework due; study for the Final and work on your final presentation. | Topic: Power BI (Optional) - due July 19 at 11:59 pm - no late submissions accepted. | STUDY for Final  
Prepare the Final Presentation |
| 7 | Week of March July 22 | Finals Week  
Presentations are due on July 22 at 11:59 pm, and the last day to complete the Final exam is July 24 at 11:59 pm | Finals, both exam and presentations |

**GRADING POLICY**

The student’s grade in the course consists of the following components:

<table>
<thead>
<tr>
<th>Total Possible Points for Class</th>
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<tbody>
<tr>
<td>Homework Assignments</td>
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<tr>
<td>Midterm Exam</td>
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<tr>
<td>Final Exam</td>
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<tr>
<td>Final Presentation</td>
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</tbody>
</table>

The final letter grade will be determined as follows:

- A: 90 – 100  
- B: 80 – 89  
- C: 70 – 79  
- D: 60 – 69  
- F: < 60

**Course Evaluation**

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 toward the end of the semester 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" (noreply@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, or email spot@unt.edu.

Access & Navigation

Access and Log-in Information

This course was developed and will be facilitated utilizing the University of North Texas' resources. To be able to access the UNT systems, the student will need his/her EUID and password. If you do not know your EUID or have forgotten your password, please visit the website at http://ams.unt.edu.

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.

UNT 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 130
- Walk-In Availability: Call before coming to campus
- Telephone Availability:
  - Sunday: noon-midnight
  - Monday-Thursday: 8 am-midnight
  - Friday: 8am-8pm
  - Saturday: 9am-5pm

- Laptop Checkout: 8am-7pm
- For additional support, visit Canvas Technical Help (https://community.canvaslms.com/docs/DOC-10554-4212710328)

Scholarly Expectations

All works submitted for credit must be original works created by the scholar uniquely for the class. It is considered inappropriate and unethical, particularly at the graduate level, to make duplicate submissions of a single work for credit in multiple classes, unless specifically requested by the instructor. Work submitted at the graduate level is expected to demonstrate higher-order thinking skills and be of significantly higher quality than work produced at the undergraduate level.

Instructor Responsibilities and Feedback

The instructor is responsible for responding to student questions about assignments and projects, about the course material presented, and for providing additional resources to enhance understanding of course material. Timely feedback is essential for student success and the instructor is responsible for providing timely feedback to students throughout the course. The instructor will grade submitted assignments and will post grades for students within 1 week of the assignment’s due date.

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 for more information.

Incompletes
This course will observe the UNT policy on incompletes, found here:
http://registrar.unt.edu/grades/incompletes.

Policy on Server Unavailability or Other Technical Difficulties
The University is committed to providing a reliable online course system to all users. However, in the event of an unexpected server outage or any unusual technical difficulty which prevents students from completing a time-sensitive assessment activity, the instructor will extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

Copyright Notice
Some or all of the materials on this course Web site may be protected by copyright. Federal copyright law prohibits the reproduction, distribution, public performance, or public display of copyrighted materials without the express and written permission of the copyright owner unless fair use or another exemption under copyright law applies. Additional copyright information may be located at http://copyright.unt.edu.

Administrative Withdrawal
This course will observe the UNT policy on academic withdrawal found here: https://deanofstudents.unt.edu/withdrawals

Syllabus Change Policy
Changes to the course syllabus or due dates are not anticipated but should they be necessary, the
instructor will provide ample notification to students to allow them to complete assignments in a timely manner without penalty.

**UNT GENERAL POLICIES**

*Student Conduct and Discipline: Student Handbook.*
You are encouraged to become familiar with the University's Policy of Academic dishonesty found in the Student Handbook. The content of the Handbook applies to this course. If you are in doubt regarding the requirements, please consult with me before you complete any requirements of the course.

The UNT Code of Student Conduct can be found here: [https://deanofstudents.unt.edu/sites/default/files/code_of_student_conduct.pdf](https://deanofstudents.unt.edu/sites/default/files/code_of_student_conduct.pdf).

**ADA Policy**
The University of North Texas makes reasonable academic accommodations 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 you with an accommodation letter to be delivered to the faculty to begin a private discussion regarding your specific needs in a course. 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. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at [http://disability.unt.edu/](http://disability.unt.edu/). You may also contact them by phone at 940.565.4323.

**Drop Policy**
The University of North Texas Add Drop Policy can be found at the following link: [https://registrar.unt.edu/dropping-courses.html](https://registrar.unt.edu/dropping-courses.html).

**Important Notice for F-1 Students taking Distance Education Courses:**

*Federal Regulation*

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 online or through distance education and does not require the student’s physical attendance for classes, examination or other purposes integral to the completion of the class.

*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 experiences 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.

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.

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

Sexual Assault Prevention

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex and therefore prohibit 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. UNT’s Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim’s compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off-campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu, or by calling the Dean of Students Office at 940-565-2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu, or at (940) 565 2759.

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).
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-andwellness-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testingservices)
- [UNT Care Team](https://studentaffairs.unt.edu/care)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-andwellnesscenter/services/psychiatry)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testingservices/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](https://studentaffairs.unt.edu/care)
- [UNT ID Card](https://studentaffairs.unt.edu/care)
- [UNT Email Address](https://studentaffairs.unt.edu/care)
- [Legal Name](https://studentaffairs.unt.edu/care)

*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](https://studentaffairs.unt.edu/care), 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?](https://studentaffairs.unt.edu/care)
- [How do I use pronouns?](https://studentaffairs.unt.edu/care)
- [How do I share my pronouns?](https://studentaffairs.unt.edu/care)
- [How do I ask for another person's pronouns?](https://studentaffairs.unt.edu/care)
- [How do I correct myself or others when the wrong pronoun is used?](https://studentaffairs.unt.edu/care)
**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://edo.unt.edu/multicultural-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testingservices)
- [Pride Alliance](https://edo.unt.edu/pridealliance)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/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 Lab](http://writingcenter.unt.edu/)