



University of North Texas
College of Information
Data Science
Stats for Data Science
Fall 2025

Course Introduction
Statistical Methods for Data Science and Analysis
DTSC 4050.021
Fall 2025

Hi and welcome to Statistical Methods for Data Science and Analysis. Every day, we create 2.5 quintillion bytes of data – that's enough to fill 10 million Blu-ray discs! How do we make sense of this information overload? That's where statistics come in. Statistics, the science of collecting, analyzing, and interpreting data, has been around for centuries. Even Florence Nightingale, a pioneer in nursing, used statistical data visualization to improve healthcare! Today, with the data explosion, statistics is more critical than ever, especially in the exciting field of data science.

In this course, we'll explore the fascinating world of statistics and its applications in data science. We'll be using Python, a powerful programming language, as our primary tool. Python, along with libraries like NumPy, Pandas, and Scikit-learn, will enable us to tackle real-world data science projects. Imagine predicting customer churn for an e-commerce company or analyzing social media sentiment – we'll learn the statistical techniques to make it happen!

By the end of this course, you'll have a solid foundation in statistical concepts, proficiency in using Python for data analysis, and the ability to apply these skills to solve real-world problems. Get ready for an exciting journey – it's more relevant and fascinating than you might think!

Instructor

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Office Hours: By appointment

Course Description

Introduces students to both theories and applications of statistical methods. Students learn the core concepts of statistical computing and advanced techniques for data analysis, while working hands-on with real data using statistical tools.

Course Objectives

Upon completion of this Statistical Methods in Data Science course, students will be able to:

Data Collection and Preparation:

1. Formulate research questions and identify appropriate data sources, including online repositories and toy datasets.
2. Apply various sampling methods (probabilistic and non-probabilistic) to collect representative data.
3. Clean and prepare data for analysis, addressing issues like missing values, duplicates, errors, and imbalanced datasets.
4. Perform exploratory data analysis (EDA) using descriptive statistics, visualizations, and data summaries to understand data characteristics and identify patterns.
5. Engineer new features from existing ones to improve model performance.
6. Select relevant features for modeling using techniques like correlation analysis, variance analysis, VIF, mutual

information, and recursive feature selection.

Statistical Foundations:

1. Understand and apply fundamental probability concepts, including permutations, combinations, conditional probability, and Bayes' theorem.
2. Describe and utilize various probability distributions (e.g., uniform, binomial, normal, t-distribution) and their properties.
3. Perform hypothesis testing using appropriate statistical tests (t-test, z-test, F-test, Chi-square) for means, proportions, and ANOVA.
4. Understand and apply the principles of A/B testing for comparing different versions of a product or treatment.

Statistical Modeling:

1. Build and evaluate linear regression models, interpreting coefficients and assessing goodness of fit using appropriate metrics (R-squared, MSE, RMSE, MAE, AIC, BIC).
2. Apply advanced regression techniques, including stepwise methods and regularization (Lasso, Ridge, Elastic Net).
3. Build and evaluate classification models, including logistic regression, decision trees, and random forests.
4. Interpret classification model performance using confusion matrices, classification reports, ROC curves, AUC, and other relevant metrics (accuracy, precision, recall, F1-score).
5. Tune model parameters and hyperparameters using techniques like cross-validation and grid search.
6. Understand and address common modeling issues, such as overfitting, underfitting, the bias-variance tradeoff, and the precision-recall tradeoff.

Data Science Tools and Techniques:

1. Effectively use Python and relevant libraries (NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn) for data manipulation, analysis, and visualization.
2. Utilize Jupyter/Colab notebooks for reproducible data science workflows.

Course Prerequisites

This class is an entry level class. There is no formal course prerequisite for this class.

Class Meetings

This class is scheduled for Tuesday day, 2 p.m. to 5 p.m. at Discovery Park B205. Supporting material will be offered in Canvas at <https://unt.instructure.com>

Office Hours

Students are welcome to make an appointment with the instructor at any time to discuss course related questions by available means of communication (phone, chat, Zoom, etc.).

Communication Practices

Connect with me through email, Zoom, and/or by Teams. During busy times, my inbox becomes rather full, so if you contact me and do not receive a response within two business days, please send a follow up email. A gentle nudge is always appreciated.

Teaching Philosophy

My teaching philosophy centers on empowering students to become critical thinkers and lifelong learners by fostering an engaging, accessible, and challenging learning environment. I prioritize active learning through experiential methods, collaboration, and reflection, adapting my instruction to diverse needs and promoting student success. My goal is to equip students with the skills and confidence to thrive in a complex world, making learning relevant and adaptable to their individual journeys. Ultimately, I am dedicated to seeing each student reach their full potential through personalized support and a focus on critical thinking and problem-solving.

Final

The final is online in Canvas and is optional. It will be available the last week of the semester.

Textbook

An Introduction to Statistical Learning 2nd Edition by Gareth James, Daniela Witten, Trevor Hastie, and Robert Tibshirani
The book is available for download at <https://statlearning.com/>

Software/Hardware Requirements

We will use the following applications:

- Python 3+
- Jupyter Notebook or Colab
- GitHub

Course Modules

This course consists of **16 Weeks**. This is a hands-on course, and we will be working on in class activities related to data science each meeting. There are 10 assignments worth 1 pt each and there are 10 quizzes worth 3 points each. The quizzes are multiple choice with unlimited attempts. There are also 1 final project worth 30 points. Attendance will be scored. You will receive a point for every class you attend.

We will be working with Colab and GitHub and we will be using the Python programming language for analysis and statistical methods related to data science. This is an entry level class, so no experience is necessary. This course is an overview of statistical learning and introduces many topics. Mastery is not expected. The goal is to have fun learning something that is exciting.

Turn in your assignments by submitting them to the submission tools in Canvas by the date specified in the **Schedule and Due Dates** shown below. If an emergency arises which prevents you from submitting your assignments, you should contact the instructor as soon as possible before the due date.

Projects

The projects consist of real-world data science problems and include Exploratory Data Analysis, Feature Selection, Data Modeling, Model Evaluation, Model Fine Tuning, and Visualizations. You will present your project to your peers.

Topics and Class Dates:

Week	Title	Date
1	Introduction - This module introduces the foundational tools for data science, covering core concepts in statistics and practical application using Python. Students will gain hands-on experience with Jupyter/Colab notebooks, mastering essential libraries like NumPy for numerical computing, Pandas for data manipulation, Matplotlib and Seaborn for visualization, SciPy for scientific computing, and Scikit-learn for machine learning. This module provides a comprehensive starting point for data analysis and model building.	Aug 19
2	Understanding the Problem and Getting the Data - This module focuses on the crucial initial steps of any data science project: defining the problem and acquiring appropriate data. The module introduces what data is especially in the context of parameters and statistics. Sampling methods, both probabilistic (simple random, systematic, stratified, cluster) and non-probabilistic (convenience, quota, purposive), are explored. Students will learn how to source data from toy datasets and online repositories, identify features (X) and targets (y), and understand various data types (numerical, categorical, etc.) and their classifications (univariate, bivariate, multivariate).	Aug 26
3	Data Prep and Exploratory Data Analysis - This module covers essential data preparation techniques and exploratory data analysis (EDA). Students will learn how to split data into training and testing sets, handle common data issues like errors, duplicates, and missing values (MCAR, MNAR, MAR), and address cardinality and rare labels. The module emphasizes EDA, including descriptive statistics, measures of center and spread, outlier detection using boxplots, and analyzing data shape (skewness, kurtosis). Key statistical concepts like the law of large numbers and central limit theorem are introduced. Students will explore correlations, covariance, and Pearson's R, and visualize data using histograms, bar charts, heatmaps, boxplots, and other techniques.	Sep 2
4	Probability - This module introduces fundamental probability concepts. Students	Sep 9

	will learn about factorials, permutations (with and without repetition), and combinations (with and without replacement). Set theory concepts like intersections, unions (including mutually exclusive cases), and the complement rule are covered. The module explores independent and dependent events, conditional probability, and Bayes' Theorem, including its application with tree diagrams. Finally, the module introduces the principles of Bayesian inference.	
5	Distributions - This module explores probability distributions, a cornerstone of statistical methods. Students will learn about independent and identically distributed (IID) variables, the distinction between deterministic and random variables, and the relationship between random variables and sample spaces. The module covers parametric and non-parametric approaches, probability mass functions (PMF), probability density functions (PDF), and cumulative distribution functions (CDF), including kernel density estimation. Key distributions like uniform, binomial, multinomial, Bernoulli, Poisson, normal, and t-distributions are examined.	Sep 16
6	Hypothesis Testing, Test of Means, and ANOVA - This module covers hypothesis testing, a crucial statistical method for data science. Students will learn about null and alternative hypotheses, and various tests of means, including parametric tests (t-test, z-test, f-test/ANOVA) and non-parametric tests (Chi-square, test of proportions). The module explores confidence intervals, degrees of freedom, and different types of ANOVA (one-way, two-way, with replication, MANOVA, ANCOVA, MANCOVA), including ANOVA and Chi-square based feature selection.	Sep 23
7	AB Testing - This module focuses on A/B testing, a critical application of statistical methods in data science. Students will learn how to conduct split-run testing with both discrete (binomial) and continuous metrics. The module covers assessing statistical significance through two-sample hypothesis testing, including two-tailed tests, null and alternative hypotheses, and p-values. Specific tests like Fisher's exact test, Pearson's chi-squared test, z-test, Student's t-test, Welch's t-test, and the Mann-Whitney U test are explored.	Sep 30
8	Feature Engineering - This module explores feature engineering, a crucial step in preparing data for statistical modeling. Students will learn techniques for missing data imputation, variable encoding (label, one-hot), variable transformation, discretization, and outlier handling. The module covers feature scaling, managing mixed variable types, processing datetime variables, and addressing imbalanced datasets.	Oct 7
9	Feature Selection - This module introduces feature selection, a key aspect of statistical modeling. Students will learn methods for identifying relevant features, including analyzing correlation, variance, covariance, collinearity (using VIF), and mutual information. Filter methods, wrapper methods, and embedded methods will also be discussed.	Oct 14
10	Regression I - This module introduces linear regression, a fundamental statistical method. Students will learn about simple and multiple linear regression, including key assumptions and how to assess relationships between variables using correlation (Pearson's R and R-squared) and collinearity. The module covers evaluating model performance with metrics like R-squared, adjusted R-squared, mean squared error (MSE), root mean squared error (RMSE), and mean absolute error (MAE).	Oct 21
11	Regression II - This module builds upon linear regression, covering advanced topics and model evaluation. Students will delve into interpreting regression coefficients, understanding model information (including degrees of freedom and covariance types), and assessing goodness of fit using metrics like R-squared, adjusted R-squared, F-statistic, AIC, and BIC. The module explores coefficient interpretation (including standard errors, t-statistics, and p-values), statistical tests for skewness, kurtosis, autocorrelation, and multicollinearity. Finally, it introduces feature selection through stepwise methods (forward, backward) and regularization	Oct 28

	techniques (Lasso, Ridge, Elastic Net).	
12	Classification I - This module introduces classification, a key area of statistical methods for data science. Students will learn about the logit, odds ratio, and logistic regression, including its cost/loss function. Performance evaluation using contingency tables, confusion matrices, and classification reports is covered, along with key metrics like true/false positives/negatives, accuracy, precision, and recall.	Nov 4
13	Classification II - This module expands on classification concepts, covering Type I and Type II errors, alpha and beta, and the F1 score. Students will learn about the F-test, F-score, p-values, and the crucial concepts of underfitting and overfitting. The module explores the precision-recall tradeoff, the bias-variance tradeoff, and interpreting classification coefficients. Finally, it covers adjusting the decision threshold and evaluating classifier performance using ROC/AUC and Youden's J statistic.	Nov 11
14	Trees and Random Forests - This module explores tree-based methods in statistical learning. Students will learn about decision tree regression and classification, including impurity measures like entropy and Gini. The module covers random forests, distinguishing between parameters and hyperparameters, and tuning these models using techniques like k-fold cross-validation and grid search. Bootstrapping, tree importance, and recursive feature selection are also discussed.	Nov 18
	Thanksgiving Holiday	Nov 25
15	Presentations – In this module, students will present their analysis projects.	Dec 2
16	Final	Dec 9

Assessment

Grades are based on mastery of the content. As a rule, I do not grade on a “curve” because that is a comparison of your outcomes to others. I do, however, encourage you to find opportunities to learn with and through others. Explore Navigate360’s Study Buddy (<https://navigate.unt.edu>) tool to join study groups. Maximize your learning with our coaching staff at the Learning Center. Focus on areas where you are struggling in this course by attending scheduled study group sessions with me the week before each exam. Forward together!

Earnable points are comprised of the following:

Attendance:	15 pts
In-Class Activities:	15 pts
Assignments:	10 pts
Quizzes:	30 pts
Presentations:	30 pts
Final (If needed):	10 pts

Points needed for following grades:

A = 90+
B = 80-89
C = 70-79
D = 60-69
F = 59 and below

Tutoring

Tutoring is available at <https://ci.unt.edu/advising/tutoring.html>

Policy About Incomplete Grades:

Per UNT policy, a grade of Incomplete can only be awarded to a student who is 1) passing the course and 2) has a justifiable and documented reason, beyond the control of the student, for not completing the course work on schedule. Notification and submission of documentation must be provided to the instructor at the time of the emergency. Please see <http://essc.unt.edu/registrar/academic-record-incomplete.html> (Links to an external site.) for information.

Course Evaluation

UNT will make available evaluations near the end of the semester.

Academic Success Resources

UNT strives to offer a high-quality education in a supportive environment where you can learn, grow, and thrive. As a faculty member, I am committed to supporting you, and I want to remind you that UNT offers a range of mental health and wellness services to help maintain balance and well-being. Utilizing these resources is a proactive way to support your academic and personal success. To explore campus resources designed to support you, check out mental health services (<https://clear.unt.edu/student-support-services-policies>), visit unt.edu/success, and explore unt.edu/wellness. To get all your enrollment and student financial-related questions answered, go to scrappysays.unt.edu.

Inclusion

I value the many perspectives students bring to our campus. Please work with me to create a classroom culture of open communication, mutual respect, and belonging. All discussions should be respectful and civil. Although disagreements and debates are encouraged, personal attacks are unacceptable. Together, we can ensure a safe and welcoming classroom for all. If you ever feel like this is not the case, please stop by my office and let me know. We are all learning together.

Assignment Policy

Please become familiar with the due dates. Sometimes technology doesn't cooperate. Communication is key for a successful online experience. Please be patient if something unavoidable happens and we will work something out. The University is committed to providing a reliable online course system to all users. However, in the event of any 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 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.

Examination Policy

All quizzes are open text and can be repeated as often as needed. The final is optional and online, available in Canvas the last week of the semester.

Instructor Responsibilities and Feedback

I will do everything I can do to help you succeed in this class. Communication is important. Contact me if you have any concerns.

Late Work

Late work is not accepted

Attendance Policy

The University of North Texas' Attendance Policy may be found at: <http://policy.unt.edu/policy/15-2-5>. Research has shown that students who attend class are more likely to be successful. You should attend every class unless you have a university excused absence such as active military service, a religious holy day, or an official university function as stated in the Student Attendance and Authorized Absences Policy (PDF) (<https://policy.unt.edu/policy/06-039>). If you cannot attend a class due to an emergency, please let me know. Your safety and well-being are important to me.

Class Participation

In-class activities and attendance is key to succeeding in this class.

Syllabus Change Policy

There are instances when changes may be needed to the assignments, grading criteria, and/or assignment due dates listed in this syllabus. If this becomes necessary, you will be immediately notified.

Academic Dishonesty – Plagiarism (taken from the UNT Student Code of Conduct)

The term "plagiarism" includes, but is not limited to (a) the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgement and (b) the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in the selling of term papers or other academic materials.

Plagiarism is copying by retyping, cutting and pasting, or paraphrasing. In this course, beware of the following:

- Do not quote or paraphrase published sources without explicit reference to the original work. Information used or quoted from other sources must contain a citation, whether the source is a print or electronic source.

- APA Style: <http://www.apastyle.org/learn/tutorials/basics--tutorial.aspx>
- Citation Machine: <http://citationmachine.net/index2.php?reqstyleid=1>
- EasyBib: <http://www.easybib.com/>
- Owl Purdue: <http://owl.english.purdue.edu/owl/resource/560/01/>
- Do not insert parts of another students' work into your own work. That student trusts you to respect his/her intellectual product.
- Do not copy and paste parts of the course material into your work.

The Use of Artificial Intelligence

AI is becoming integral to Data Science and is encouraged and used in this class.

Penalties for Plagiarism

Plagiarism is illegal, unethical, and unacceptable. Any instances of plagiarism in student work will result in the following penalties: First offense: Grade of zero for the assignment. Second offense: Final course grade reduced by one complete grade. Third offense: Assignment of F (Fail) for final course grade.

Health and Safety

While attendance is expected as outlined above, it is important for all of us to be mindful of the health and safety of everyone in our community, especially given concerns about health and safety. Please contact me if you are unable to attend class because you are ill, or unable to attend class due to a related issue regarding health and safety.

If you are experiencing any [symptoms of COVID-19](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>) or other communicable illnesses, please seek medical attention from the Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Hotline at 844-366-5892 or COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure. While attendance is an important part of succeeding in this class, your own health, and those of others in the community, is paramount.

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 (phone 940.565.2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

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. [Insert specific sanction or academic penalty for specific academic integrity violation.]

ADA Policy

The University of North Texas makes reasonable accommodation for students with disabilities. Students needing a reasonable academic accommodations must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the student will request their letter of accommodation. ODA will provide faculty with a reasonable accommodation letter via email to begin a private discussion regarding a student's specific needs in a course. Students may request reasonable accommodations at any time, however, ODA notices of reasonable 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 reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to meet with faculty regarding their accommodations during 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, refer to the Office of Disability Access website.

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 Blackboard for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Blackboard online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

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. The Code of Student Conduct can be found at deanofstudents.unt.edu/conduct.

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: eagleconnect.unt.edu/

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 [insert administration dates] 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 at <http://spot.unt.edu/> or email spot@unt.edu.

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.

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-testing-services>) • UNT Care Team (<https://studentaffairs.unt.edu/care>)
- UNT Psychiatric Services (<https://studentaffairs.unt.edu/student-health-and-wellnesscenter/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. There are resources available regarding Chosen Name. Please see the following: <https://registrar.unt.edu/services>

Pronouns

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

Please refer to the following website to learn more about pronouns: <https://www.mypronouns.org>

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