# CSCF 4560 Secure Flectronic Commerce

# Catalog Description

Electronic commerce technology, models and issues, with emphasis on security issues. Supporting technology such as cryptography, digital signatures, certificates and public key infrastructure (PKI). Security-conscious programming for web-based applications. Exposure to interaction between technical issues and business, legal and ethical issues.

### Instructor Contact

Name: Dr. Beddhu Murali

Pronouns: he/him/his
Class Location/Time: NTDP D201

Office Location: Discovery Park, NTDP E245N

**Phone Number:** (940) 369-8652

In-Person Office Hours: Room E245N, MF 11:30-1:30, or by appointment

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IA: Gayani Gupta

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Communication Expectations: This course will use the Canvas learning management system (LMS) to distribute course materials, communicate and collaborate online, post intermediate grades, and submit assignments. You are responsible for checking the Canvas course site regularly for class work and announcements. You may find the Online Communication Tips (https://clear.unt.edu/online-communication-tips) helpful. Should you have any questions about the course or material in general, you may attend your instructor's office hours or use your UNT e-mail address to e-mail your instructor directly at the e-mail address listed above with text CSCE 3220.002 (or your specific lab section, if applicable) in the subject line. Every attempt will be made to answer e-mails within 24 hours, but if no reply is received within this time frame, please follow up with your instructor again to ensure a response.

For assistance with assignments or questions about grading of a particular assignment, you may also contact the TAs assigned to this class either via e-mail or during their office hours. This information will be available on Canvas.

Grades will be posted on Canvas throughout the semester to provide an ongoing assessment of student progress, but typically about one week after the assignment was due. Grading disputes should first go to the TA that graded your assignment, but if a resolution cannot be reached between the student and the grader, then you should go to the instructor who will have the final say on the grade.

#### Welcome to UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full Non-Discrimination Policy can be found in the UNT Policies section of the syllabus.

#### Course Structure

This is an in-class course. You may find materials, especially videos, from previous semesters reused on Canvas. I will add new content as I deviate from previous content.

Class Notes and Programming Examples

The lecture notes and other study materials will be made available on Canvas.

# **Tentative Class Schedule** (subject to change):

Week	Date	<b>Material Covered</b>	<u>Remarks</u>
1	08/18 — 08/22	Introduction and HTML	
2	08/25 — 08/29	Modern dev frameworks	
3	09/01 — 09/05	Databases for E-C	
4	09/08 — 09/12	Dynamic UI development	
5	09/15 — 09/19	Web and Mobile Platforms	Project 1
6	09/22 — 09/26	Webservers and containers	
7	09/29 — 10/03	Payment and Security	
8	10/06 — 10/10	Midterm	Midterm
9	10/13 — 10/17	Marketing and advertising	
10	10/20 — 10/24	Threats and Security technologies	Project 2
11	10/27 — 10/31	Social media and local marketing	
12	11/03 — 11/07	Shopping cart	
13	11/10 — 11/14	Google Analytics	Project 3
14	11/17 — 11/21	Micro Services	
15	11/24 — 11/28		
16	11/31 — 12/04	Course Review	Project 4 (optional)
17	12/06 — 12/11	Final Exam	08:00AM - 10:00AM

Students may choose more advanced topics, with my approval, than what I assign for projects.

# Course Objectives

Course outcomes are measurable achievements to be accomplished by the completion of a course.

- 1. Knowledge of and experience with secure web development, with exposure to at least three current technologies.
- 2. Knowledge of modern frontend and backend technologies.
- 3. Knowledge of electronic transaction and payment systems.
- 4. Knowledge of Public Key Infrastructure (PKI) settings and trust models, with specific systems such as X.509 certificates and PGP's decentralized web of trust.
- 5. Perform basic network and system security, including the ability to set up a typical electronic commerce setting of networks and hosts.

- 6. Demonstrate understanding with business, legal, and ethical issues related to electronic commerce, and the interaction of these issues with technical issues.
- 7. Perform the basic administration of a secure electronic commerce web site, including the setup, backup, and restore of a system from a backup.

## Course Materials

Textbook: No textbook required for this course. Materials are already posted on Canvas. I will post additional materials on Canvas as needed. Please contact the Instructor or the TA for help with the materials.

# Teaching Philosophy

Just like you can't read a musical score and claim you know how to play an instrument or sing, you cannot read a programming textbook or read a bunch of papers or blogs and claim you can develop software. You have to write code and fix syntactic and semantic errors and deal with unexpected asynchronous behavior. You need to understand unfamiliar concepts and deal with strange APIs. You need to build your code on top of software already written by others over which you may not have control. It is easy to become frustrated and blame your computer and everything else. After doing all that, take another look at your code and more than likely your mistake would be staring at you! There is nothing like it when you make things work and things click in your head.

# Course Technology & Skills

# Minimum Technology Requirements

Provide a list of the minimum technology requirements for students, such as:

- Computer
- Reliable internet access
- Plug-ins
- Microsoft Office Suite
- <u>Canvas Technical Requirements</u> (https://clear.unt.edu/supportedtechnologies/canvas/requirements)

#### Computer Skills & Digital Literacy

Provide a list of course-specific technical skills learners must have to succeed in the course, such as:

- Using Canvas
- Using email with attachments
- Downloading and installing software
- Writing and debugging code
- Using presentation and graphics programs

### 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 IT Help Desk**

Email: helpdesk@unt.edu

Live Chat:

https://it.unt.edu/helpdesk/c

hatsupport

**Phone**: 940-565-2324

In Person: Sage Hall, Room 330

Hours and Availability: Visit https://it.unt.edu/helpdesk for up-to-date hours and availability

For additional support, visit <u>Canvas Technical Help</u> (https://community.canvaslms.com/docs/DOC-10554-4212710328)

## 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, TA 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, TA and classmates.
- Speak from personal experiences. Use "I believe/want/need/have/don't ..." statements to share your thoughts and feelings. Encourage others to speak for themselves.
- It is easy to call your computer and the compiler names and not see your own mistakes. Believe me, I still do it! (initially)
- 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 <u>Engagement Guidelines</u> (https://clear.unt.edu/online-communication-tips) for more information.

## Grading

Your course grade will be a weighted average according to the following:

Homework	20.0%
Projects 1 – 3	30.0%
Assignments and Quizzes	15.0%
Midterm	15.0%
Comprehensive Final Exam	20.0%
Total	100.0%

Grade scale: 91-100: A, 81-90: B, 71:80:C, 61-70: D, <=60: F.

Please watch Canvas for weekly assignments and/or quizzes. All assignments and quizzes have a max score of 100 points. Late penalty is 15 points. For team projects you need to submit your own report written from your point of view highlighting your participation and contribution. Substantial overlap with other team members is allowed.

Grades will be posted on Canvas throughout the semester to provide an ongoing assessment of student progress, though final assessment will be measured using the weighted average above. Once a grade is posted on Canvas, students have two (2) weeks to dispute the grade, unless otherwise instructed. The proper channel for grade disputes is to first go to the original grader (i.e., the TA) in an attempt to resolve the issue. If, however, a resolution cannot be reached between the student and the grader, the student shall then go to the instructor who will have the final say on the grade.

Students are responsible for submitting the *correct* assignments (i.e., uploading the proper files) for each applicable assignment submission on Canvas. If you have any questions or concerns about your submission, please work with your instructor or TA to ensure the correct file(s) is/are submitted.

### **Course Evaluation**

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. SPOT evaluations should become available in November.

# **Course Policies**

#### Attendance

Students are expected to attend class meetings regularly and to abide by the attendance policy established for the course. It is important that you communicate with the professor and the instructional team prior to being absent, so you, the professor, and the instructional team can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform the professor and instructional team if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

<u>Lecture Section</u>: Class attendance is required. In case a student misses a class, they are responsible to find out what was discussed and to learn the material that was covered and obtain the homework that was assigned on the missed day. The instructor is not responsible for re-teaching material missed by a student who did not attend class. Therefore, each student is accountable for and will be evaluated on all material covered in this course, regardless of attendance. If there are extenuating circumstances preventing you from attending the class, please notify your instructor so that you can work together to ensure your success in learning the material. At my discretion, attendance may count for up to 2% of the final grade.

### **Examination Policy**

Assessment exams will be completed in-person in the classroom.

The final exam will be closed-book/closed-notes and will be given during the scheduled exam time on Tuesday, May 06, 2025, from 7:30 AM to 9:30 AM in the classroom for the face-to-face section.

Students are expected to be familiar and be in compliant university, college and departmental policies regarding academic honesty, academic integrity and professional code of ethics when completing their assessments and finals. These must reflect student's individual efforts and mastery of the subject matter.

Any make-up exam will be given only at the discretion of the instructor when a student misses an exam with a documented excused absence.

# **Assignment Policy**

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: <a href="helpdesk@unt.edu">helpdesk@unt.edu</a> or 940.565.2324 and obtain a ticket number. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

Students are expected to be familiar and be in compliant university, college and departmental policies regarding academic honesty, academic integrity and professional code of ethics when completing their assignments, quizzes and projects. These must reflect student's individual efforts and mastery of the subject matter, except where explicitly permitted by the instructor.

All assignments will be posted to Canvas with given due dates. Submissions will be done using Canvas to the appropriate assignment drop box by the due date and time. A sophisticated program will be used to compare your assignment submission to the work of all other students (including students in past classes).

# Instructor Responsibilities and Feedback

Your instructor is committed to providing a quality course that includes clear instructions for projects and assignments as well as an appropriate amount of time to complete the assignments. Questions about an assignment may be addressed to the instructor or the TA supporting this course. Study guides for exams will be made available to students prior to the exam.

Every attempt will be made to answer e-mails within 24 hours. If you do not receive a response by that time, please re-send the e-mail and verify that you have sent it to my correct e-mail address: <a href="Meddhu.Murali@unt.edu">Beddhu.Murali@unt.edu</a>. It is my hope that grades will be returned to students approximately one week after the due date (for the latest section, in the case of labs), but please keep in mind that this course has a number of students with limited grading resources who are students as well, so we ask your patience if we run behind in returning the graded assignments.

# Syllabus Change Policy

This syllabus may be modified as the course progresses should the instructor deem it necessary. Notice of changes to the syllabus shall be made through Canvas and/or class announcement.

# **UNT Policies**

#### Academic Integrity Policy

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.

This course follows UNT's policy for *Student Academic Integrity* that can be found at <a href="https://policy.unt.edu/policy/06-003">https://policy.unt.edu/policy/06-003</a> as well as the *Cheating Policy* for the Department of Computer Science and Engineering (posted on Canvas). Specifically, the first instance of a student found to have violated the academic integrity (i.e., cheating) policy will result in a grade of "F" for the course and have a report filed into the Academic Integrity Database, which may include additional sanctions.

<u>Collaboration with other students in your team is only acceptable for Projects 1-4.</u> And although you may seek assistance from your instructor, TA, and other students during the lab session for non-exam lab assignments, you are still required to work on your own lab assignment and turn in your individual work to Canvas before the lab session is complete, unless directed otherwise.

<u>Individual programming assignments</u> (i.e., projects) given outside of the lab in this course are meant to be problem-solving exercises and must be the sole work of the <u>individual student</u>. You should not work with other students on shared program solutions or use program solutions found on the Internet. Specifically, you should never copy someone else's solution or code, and never let a classmate examine your code. A sophisticated program will be used to compare your work to the work of all other students (including students in past classes). If you are having trouble with an assignment, please consult with your instructor or TA associated with the class.

You must do your own work on exams. There should be no ambiguity here.

In case the above description and in-class discussion of appropriate and inappropriate collaboration do not answer all of your questions, please meet with your instructor and look at the university Student Rights and Responsibilities web page.

# **ADA Policy**

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (https://disability.unt.edu/).

#### 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.

#### 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 Canvas 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. Visit UNT's Code of Student Conduct (https://deanofstudents.unt.edu/conduct) to learn more.

# Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: <a href="my.unt.edu">my.unt.edu</a>. 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 <a href="Eagle Connect">Eagle Connect</a> (https://it.unt.edu/eagleconnect).

#### 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.

#### Survivor Advocacy

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct. Federal laws and UNT policies prohibit discrimination on the basis of sex as well as 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. The Survivor Advocates can be reached at <a href="mailto:SurvivorAdvocate@unt.edu">SurvivorAdvocate@unt.edu</a> or by calling the Dean of Students Office at 940-5652648.

# Important Notice for F-1 Students taking Distance Education Courses

# **Federal Regulation**

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the <u>Electronic Code of Federal Regulations website</u> (http://www.ecfr.gov/). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

### The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

### **University of North Texas Compliance**

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

- (1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.
- (2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

### Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See <u>UNT Policy 07-002 Student Identity Verification</u>, <u>Privacy</u>, and <u>Notification and Distance Education</u> <u>Courses</u> (https://policy.unt.edu/policy/07-002).

#### Use of Student Work

A student owns the copyright for all work (e.g. software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all of the above criteria, then the University office or department using the work must obtain the student's written permission.

Download the UNT System Permission, Waiver and Release Form

### Transmission and Recording of Student Images in Electronically-Delivered Courses

- No permission is needed from a student for his or her image or voice to be transmitted live via videoconference or streaming media, but all students should be informed when courses are to be conducted using either method of delivery.
- 2. In the event an instructor records student presentations, he or she must obtain permission from the student using a signed release in order to use the recording for future classes in accordance with the Use of Student-Created Work guidelines above.
- 3. Instructors who video-record their class lectures with the intention of re-using some or all of recordings for future class offerings must notify students on the course syllabus if students' images may appear on video. Instructors are also advised to provide accommodation for students who do not wish to appear in class recordings.

Example: This course employs lecture capture technology to record class sessions. Students may occasionally appear on video. The lecture recordings will be available to you for study purposes and may also be reused in future course offerings.

No notification is needed if only audio and slide capture is used or if the video only records the instructor's image. However, the instructor is encouraged to let students know the recordings will be available to them for study purposes.

# Class Recordings & Student Likenesses

Synchronous (live) sessions in this course may be recorded from time to time throughout the semester. Class recordings are the intellectual property of the university or instructor and may be provided for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form.

Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

# 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:

- <u>Student Health and Wellness Center</u> (<a href="https://studentaffairs.unt.edu/student-health-and-wellness-center">https://studentaffairs.unt.edu/student-health-and-wellness-center</a>)
- Counseling and Testing Services (https://studentaffairs.unt.edu/counseling-and-testing-services)
- <u>UNT Care Team</u> (https://studentaffairs.unt.edu/care)
- <u>UNT Psychiatric Services</u> (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- <u>Individual Counseling</u> (https://studentaffairs.unt.edu/counseling-and-testing-services/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
- UNT ID Card
- <u>UNT Email Address</u>
- <u>Legal Name</u>

\*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 <u>add your pronouns to your Canvas account</u> 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:

- o What are pronouns and why are they important?
- o How do I use pronouns?
- o How do I share my pronouns?
- o How do I ask for another person's pronouns?

o How do I correct myself or others when the wrong pronoun is used?

# 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)
- <u>UNT Food Pantry</u> (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)
- <u>UNT Libraries</u> (https://library.unt.edu/)
- Writing Lab (http://writingcenter.unt.edu/)