

BCIS 4720 – Web-Based Information Systems

Fall 2025 – Monday 6:30P to 9:20P in BLB 055

Instructor Contact

Name: Dr. Melody White

Office Location: BLB 394D

Phone Number: 940.369.7626

Office Hours: Office hours Mondays, 3:00 pm – 4:45 pm and by appointment. I am flexible throughout the week so we can schedule a time to talk.

Office Hours: Signing up for remind so you can text me: <https://www.remind.com/join/9a6f6k> (This is optional)

Email: melody.white@unt.edu

Communication Expectations: I strongly suggest that students use my UNT email address (melody.white@unt.edu) as the primary way to contact me. I will attempt to respond within 24 business hours.

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 Description

3 hours. This course provides tools, skills, and an understanding of technology, business concepts and issues that surround the emergence of web-based information systems. In addition to acquiring basic skills for navigating the Internet and creating a personal electronic presence of the World Wide Web (WWW), the student will develop an understanding of the current practices and opportunities in electronic publishing, electronic shopping, electronic distribution, and electronic collaboration. The student will also explore several of the problem areas in electronic commerce such as security (authentication, privacy), encryption, safeguarding or intellectual property rights, acceptable use policies, and legal liabilities.

Course Structure

This course will meet once per week. The course delivery will be primarily face-to-face. If we do need to meet remotely, you will be made aware of any remote sessions by the instructor in advance of the class via an announcement posted to the course Canvas site. Unless specifically notified by the instructor, students should presume that the course will meet face-to-face on campus.

Course Prerequisites or Other Restrictions

Web experience is not required, although completion of the Basic Information Systems course (BCIS 3610) and an Introduction to Programming course (BCIS 3630) are required. It is also strongly suggested

that students have completed the Introduction to Database Applications course (BCIS 4620) before taking this course. Since this course is end-product focused, the instructor expects you to put into practice the organizational, design, and software skills learned in previously completed BCIS courses. A willingness to experiment with and explore all of these technologies is necessary.

Course Objectives with Metrics

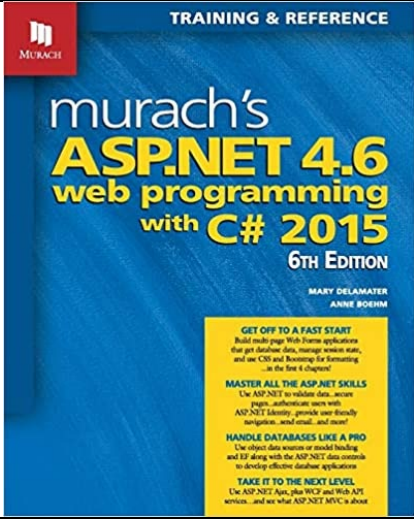
Upon completing this course, the student should:

- Have a general understanding of the Internet and related technologies (Exam and Projects).
- Have built Web pages using Visual Studio ASP.NET at least at a basic level (Projects).
- Be able to analyze the strengths and weaknesses of an Electronic Commerce site (Exam and Projects).
- Have built a prototype Electronic Commerce site for a company (Project).
- Be able to specify the development of Electronic Commerce capabilities in a company (Exam and Projects).
- Understand electronic commerce and the interplay between technology, managerial and policy issues that will shape its future (Exam and Projects).
- Recognize and understand ways of using Electronic Commerce technologies to improve intra and inter-organizational processes (Exam).
- Be able to analyze the impact that Electronic Commerce is having and will likely have on key sectors of the economy and assess the strategic implications this analysis holds for an organization (Exam).
- Understand policy issues related to privacy, content selection, intellectual property rights, and establishing identity that are germane to Electronic Commerce (Exam).

Materials

Textbooks

E-Commerce: Business. Technology. Society. Kenneth Laudon and Carol Traver 17 ed ISBN-13: 9780137922208	
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Murach's ASP.NET 4.6 Web Programming with C# 2015 Mary Delamater and Anne Boehm ISBN-10: 1890774952	
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Teaching Philosophy

I believe that the courses that you take as a UNT student are the bridge from the relatively “safe” world of academia to the more rigorous world of your professional careers. Therefore, I expect that you should treat this course as you would a position within an organization you may have as part of your career. As a future information system professional, you may be designing systems that could significantly impact the life and/or livelihood of the users or clients of that system. So, I would like for you to start recognizing the impact of what you will do can have on the lives of others.

However, that being said, now is the time for you to make mistakes so they can be corrected without any ill-effects to your career or society. So, I see my responsibility as being as thorough as possible in critiquing your submissions to point out anything that could cause you problems down the road, but not being over critical in your assessment because you are still learning. This doesn’t mean you will always get an “A for effort” but you will be assessed in a fair and equitable manner and provided with constructive ways to improve your work in the future.

Therefore, my courses will blend textbook materials with hands-on activities to test your knowledge of theoretical concepts, technical prowess, critical thinking, and creativity. I will not always spell everything out for you in my assignments, but rather give you a set of guidelines and challenge you to put thought into the design and implementation decisions you make. Only by developing these skills now can you be prepared for the dynamic and constantly changing workplace in which you will be a part of after graduation.

Course Technology & Skills

Minimum Technology Requirements

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

- Computer
- Reliable internet access
- Speakers
- Microphone

- Plug-ins
- Microsoft Office Suite including Microsoft Visio
- [Canvas Technical Requirements \(https://clear.unt.edu/supported-technologies/canvas/requirements\)](https://clear.unt.edu/supported-technologies/canvas/requirements)
- Webcam
- Respondus Lockdown Browser
- Microsoft Visual Studio
- Cisco VPN (if not using the VM Ware Clients)

Computer Skills & Digital Literacy

To succeed in this course, you will need to be proficient in:

- Using Canvas
- Using email with attachments
- Downloading and installing software
- Using presentation and graphics programs
- Using Visual Studio
- Using Microsoft Office

Technical Assistance

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: [UIT Student Help Desk site \(http://www.unt.edu/helpdesk/index.htm\)](http://www.unt.edu/helpdesk/index.htm)

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit [Canvas Technical Help \(https://community.canvaslms.com/docs/DOC-10554-4212710328\)](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 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 individual’s 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](https://clear.unt.edu/online-communication-tips) (https://clear.unt.edu/online-communication-tips) for more information.

Course Requirements

Individual Assignments

Assignment	Percentage of Final Grade
Assignment 1 – Case Study	25%
Assignment 2 – Personal Site with CSS and Master Page	
Assignment 3 – Personal Site with Static Authentication	
Assignment 4 – Read from a DB	
Assignment 5 – Write to a DB	
Assignment 6 – Update/Delete from a DB	
Other assignments	
Exams (2 @ 100 pts each)	30%
Other assignments	5%

Group Assignments

Assignment	Percentage of Final Grade
Assignment 1 – Business Assessment	15%
Assignment 2 – Design Documentation	
Project Updates /Other Group Assignments	
Assignment 3 – E-Commerce Infrastructure (Final Project)	25%

Grading

This is the grading scale (A-F) you will use to calculate the final grade.

Final grades	
90% or more	A
80% or more	B
70% or more	C
60% or more	D
Below 60%	F

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. The dates for SPOT evaluations will be posted to canvas

Course Policies

Attendance Policy

Attendance will not be a mandatory part of your course grade, although it is strongly encouraged that you attend every class.

Class Participation

Students are expected to actively participate in class discussions whether they are attending in person or remotely. You should bring your laptop to class.

Job Performance and Team Dysfunction

Working together in project teams is an integral part of the BCIS Department's curriculum. As such, it is also an integral part of this course. It is your responsibility to work diligently and harmoniously with all the other members of your team. Likewise, it is in the team's best interest to resolve all job performance problems internally. However, if these internal efforts fail, the result is a dysfunctional team.

If the team leader, or two or more members, decides that the team has become dysfunctional because of a member's poor job performance, s/he must prepare a written report for the instructor describing the nature of the performance problem, and the team's efforts to resolve it. Attach evidence as needed in support. Personality conflicts are not grounds for firing a team member.

The instructor will schedule a meeting of the entire team to discuss the performance problem and to mediate a solution. If a solution is not found the team can, by majority vote, fire the member for poor job performance. A fired member cannot do the semester project alone. He or she must join another team. If a fired student is unable to persuade another team to accept him/her, that student will either drop the course (with a grade of "WF") or receive (after the last day to drop) an "F" as the course grade (since teamwork is an integral part of this course). Keep in mind that firing a member does not lessen the central requirements of the team project, although the team might reduce peripheral elements (with instructor permission). Except for very extraordinary reasons, no team can resize to more than 5 members or less than 3.

Authorship

Each team member will participate equally in the software construction and debugging process. One of the ways I check for this is to look at the code's documentation for evidence of who created and/or debugged what. If I fail to see any written record of your contribution to the software development, you can receive a ZERO for that part of the team project. Therefore, document your authorship of everything you create!

Miscellaneous

Anyone retaking this class may not use code or any other materials they or their team developed in a prior class. Violations of this policy constitute unethical conduct (see below).

Late Work

You will have until 11:59 PM to turn in your assignment on the date it is listed as due in Canvas. Any work received after that time will be considered late. Assignments turned in less than 24 hours late will be graded with a 50% reduction in points. Assignments received later than 24 hours after the due date will not be accepted.

Examination Policy

All exams will be taken on Canvas using the Respondus Lockdown Browser. It is the student's responsibility to ensure that they have tested their technology prior to the exam date. The exams will be taken in the testing center.

Assignment Policy

All assignment details will be posted in Canvas. Students should pay special attention to these details as turning in an assignment improperly may result in a reduction in points.

Exam or Assignment Issues

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 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.

Syllabus Change Policy

The information in this syllabus is subject to change at any time. For the most up to date information on the course, students should refer to the Canvas course page and announcements.

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

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 \(https://disability.unt.edu/\)](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) (<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: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail [Eagle Connect](https://it.unt.edu/eagleconnect) (<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 [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](http://spot.unt.edu/) (<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.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

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

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not

require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance

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

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

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

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

Student Verification

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

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

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

1. 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.

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-and-wellness-center) (https://studentaffairs.unt.edu/student-health-and-wellness-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (https://studentaffairs.unt.edu/care)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling)

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](#)
- [UNT Email Address](#)
- [Legal Name](#)

**UNT eulDs 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](#) 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?](#)
- [How do I use pronouns?](#)
- [How do I share my pronouns?](#)
- [How do I ask for another person's pronouns?](#)
- [How do I correct myself or others when the wrong pronoun is used?](#)

Additional Student Support Services

- [Registrar](https://registrar.unt.edu/registration) (<https://registrar.unt.edu/registration>)
- [Financial Aid](https://financialaid.unt.edu/) (<https://financialaid.unt.edu/>)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](https://studentaffairs.unt.edu/career-center) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (<https://deanofstudents.unt.edu/resources/food-pantry>)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](https://success.unt.edu/asc) (<https://success.unt.edu/asc>)
- [UNT Libraries](https://library.unt.edu/) (<https://library.unt.edu/>)
- [Writing Lab](http://writingcenter.unt.edu/) (<http://writingcenter.unt.edu/>)