BIOL 1132 Environmental Science Lab
Fall 2023
Weekly Lab Meetings:
ENV 243

Office Hours
Office location:
Times:
Frequent Misunderstandings

- **BIOL1132 consists of a lecture and a lab**
  - These are separate classes, each with unique professor/TA, meeting time, and meeting location
    - *We can only answer questions about the lab. See your schedule for lecture information*

- Lab is **mandatory**

- There are points for **participating** in lab

- **If you are ill, do not come to lab** - Contact your TA
  - We can work with you to make up labs, **but not if you wait too long**

- You must buy a **new** lab manual
The Basics

• BIOL 1132 does not have pre-requisites.
• You must be enrolled in the lecture portion as well.
• This course is in-person for the duration of the semester.
• We will provide materials in CANVAS in modules for each week.

UNT IT Help Desk
Email: helpdesk@unt.edu
Live Chat: https://it.unt.edu/helpdesk/chatsupport
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 Canvas Technical Help (https://community.canvaslms.com/docs/DOC-10554-4212710328)
What supplies do I need?

Lab Manual

It is mandatory for each student to purchase the latest version (Baxter-Slye 2022) of the lab manual

*Old or used lab manuals are **NOT** accepted
*Using an old manual with pre-filled information is cheating and will result in a zero for any assignment that uploads previous semester’s data and answers
*There is no e-book version and we are not currently using the e-book version
*Hard copies are needed to be used in lab in person

*Manuals may be purchased at the UNT Bookstore on campus*
What supplies do I need?
Lab Safety Goggles

* Anytime you are handling a chemical in this lab, you must have safety goggles on.

* We strongly recommend buying your own at the UNT Bookstore for $4.98.

* Otherwise, we have some that may be cleaned prior to use.
What are the objectives of the lab?

Offer experiences to enhance your understanding of the concepts covered in lecture. When practical, the laboratory exercises will correspond with the current topic being covered in your lecture, although this may not always be feasible.

OBJECTIVES

1) Basic principles of ecology and environmental science

2) How scientists’ study environmental science problems and test hypotheses using the scientific method using a hands-on approach

3) Gain the ability to logically and intellectually contribute to current issues related to the environment as an informed citizen for future voting, conversations, and general lifestyle practices in regard to the world around you
How will I be graded?

<table>
<thead>
<tr>
<th>Item</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syllabus agreement</td>
<td>10</td>
</tr>
<tr>
<td>Introduction discussion</td>
<td>30</td>
</tr>
<tr>
<td>Weekly quiz</td>
<td>8 x 10 = 80</td>
</tr>
<tr>
<td>Weekly participation</td>
<td>9 x 30 = 270</td>
</tr>
<tr>
<td>Exams</td>
<td>2 x 100 = 200</td>
</tr>
<tr>
<td>Group Project Outline and Responsibility Form</td>
<td>30</td>
</tr>
<tr>
<td>Group Presentation</td>
<td>100</td>
</tr>
<tr>
<td>Peer Review for Group Project</td>
<td>20; with the possibility of lower points awarded for this item, plus presentation</td>
</tr>
<tr>
<td>Total Possible Points</td>
<td>740; with lowest quiz and participation dropped resulting in a total of 700 points</td>
</tr>
</tbody>
</table>

**IMPORTANT**

The lab is worth 30% of your final overall grade for the Env Sci BIOL 1132 course.

**YOU MUST PASS BOTH LECTURE AND LAB INDEPENDENTLY TO PASS THE COURSE!!**

For the lab, a 60% or better is passing

≤59.4% is rounded to ≤59 and *not* passing

Calculating your grade reported to lecture professor:

\[
\left( \frac{\text{total points} - \text{lowest quiz and lab}}{700} \right) \times 100 = X\% 
\]

*Round to nearest whole number

  e.g., 80.4 = 80; 80.5 = 81; 80.44 = 80; 80.45 = 81
How can discuss my grades with my TA?

The Family Educational Rights and Privacy Act (FERPA) (1974), does not permit faculty or staff to report grades by phone or email.

In addition, per University policy, grades cannot be posted.

*Do not request any information from your TA about grades unless it is in person or via Zoom.*
When will we have exams?

Midterm week of 10/9 and Final week of 11/27
(cumulative)
Material covered will be taken from the lab manual, CANVAS PowerPoints, videos, weekly assignments, and quizzes

Once you begin the exam, you will have the entire lab time to complete the exam.

Exams can only be made up if you have a school approved reason for missing an exam (e.g., approved UNT activity, sick or family emergency/death). If you miss an exam you will be required to provide documentation and the exam should be made up during the same week. If you fail to communicate with your TA in a prompt manner (i.e., the day of the exam), you will not be allowed to make up the exam. Long-term absences need to be addressed with the Dean of Students.
***IMPORTANT!
LABS DO NOT ALWAYS CORRESPOND TO THE ORDER IN THE MANUAL

A CANVAS module has been created for each week, covering 8 lab concepts – you will find instructions and resources in each module.

There will be a quiz that covers the preparatory background reading for each lab.

Quizzes are online and are due midnight prior to the day of your lab section.
Weekly Quizzes & Participation

8 Quizzes
8 short quizzes worth 10 points each (80 total)
You will have 1 attempt of 15 minutes to take each quiz
You should read/view any material for the quiz ahead of time

9 Participations
9 labs worth 30 points each (270 total)
Your TA will use your lab manual and active participation to award points for each lab. During each lab, students should actively participate by filling out their lab manual and provide assistance during experiments. If students are not actively participating, a reduction in points will occur.
Dropping the lowest grades

The lowest quiz grade and the lowest weekly participation grade will be dropped

Grades will be dropped automatically
Will there be attendance grades?

No, however there will be participation grades.

In the event you miss a lab, you can either drop that grade, or make up the lab with your TA in office hours.

If you miss labs, we will file an Early Alert and document your absences. Please communicate any absence to your TA within the same week.

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.
“The University of North Texas 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 you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the Office of Disability Accommodation website at http://www.unt.edu/oda. You may also contact them by phone at 940.565.4323.”
BIOL 1132 labs have a zero-tolerance policy for scholastic dishonesty including:

- Copying students data and answers.
- Turning in used lab manual worksheets.
- Taking quizzes together.
- Taking exams together.
- Providing answers to another student.
- Plagiarizing on group projects.

The term ‘plagiarism’ includes, but is not limited to:

- The knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment;
- The knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.
  - Examples: copying word for word or even a phrase from a publication, including web pages, without placing quotes around the phrase and citing the source.
- If we suspect you of cheating, an email will be sent to you.
  - A zero for the assignment will be given and may remain in place.
  - And, you may be reported to the Dean of Students and fail the entire BIOL1132 course, including lecture.
How to succeed in this class

- **Read**: Read the lab manual as required before taking the quiz
- **Participate**: Participate in the weekly lab meetings
- **Ask**: Ask questions if you don’t understand
- **Complete**: Review weekly lab concepts and study for the mid-term and final exams.
- **Group Work**: Work effectively with your group.
- **Communicate**: If you have an emergency, let me know (sooner than later)!
<table>
<thead>
<tr>
<th>Week of</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/21</td>
<td>LABS DO NOT MEET THE FIRST WEEK OF SPRING 2023</td>
</tr>
</tbody>
</table>
| 8/28    | Welcome!  
Introductions, Syllabus, Safety, and Group Organization  
pg. 1-4 in lab manual  
Introduction Module: Introduction discussion, syllabus agreement  
Group Project: Details provided  
*Meet with group to work on the Group Outline & Responsibility Form  
Turn in Outline and Responsibility Form at your lab time the week of 9/18  
Welcome Discussion = 30  
*Due by the next lab period  
Syllabus agreement = 10 points  
*Must complete prior to attending future labs |
| 9/4     | Environmental Ethics and Scientific Method  
Dr. Doug Tallamy's “Bringing Nature Home”  
Quiz over background reading pg. 5-8  
NOTE: Monday labs will conduct this lab online; Monday 9/4 is a UNT Holiday  
Quiz = 10  
Participation = 30 |
<table>
<thead>
<tr>
<th>Week of</th>
<th>Items</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/11</td>
<td><strong>Trophic Transfer of Energy Part 1: Photosynthesis and Producers</strong></td>
<td>Quiz = 10</td>
</tr>
<tr>
<td></td>
<td>Quiz over background reading pg. 17-20 in manual</td>
<td>Participation = 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/18</td>
<td><strong>Trophic Transfer of Energy Part 2: Consumers</strong></td>
<td>Group responsibility form = 30</td>
</tr>
<tr>
<td></td>
<td>Quiz over background reading pg. 33 – Figure 4.1 on pg. 35</td>
<td>Quiz = 10</td>
</tr>
<tr>
<td></td>
<td>Group Project Outline and Responsibility Form due by lab time this week</td>
<td>Participation = 30</td>
</tr>
<tr>
<td></td>
<td>Turn in on the CANVAS assignment link under the Group Project module</td>
<td></td>
</tr>
<tr>
<td>9/25</td>
<td><strong>Blue-Green Infrastructure and Water Pollution</strong> – new lab not in manual</td>
<td>Quiz = 10</td>
</tr>
<tr>
<td></td>
<td>Quiz over background reading on handout found in the module on CANVAS</td>
<td>Participation = 30</td>
</tr>
<tr>
<td>10/2</td>
<td><strong>Aquatic Ecological Assessment and Trophic Transfer of Contaminants</strong></td>
<td>Quiz = 10</td>
</tr>
<tr>
<td></td>
<td>Quiz over background reading pg. 59</td>
<td>Participation = 30</td>
</tr>
<tr>
<td></td>
<td>Discuss midterm review and posted on CANVAS in the Midterm module</td>
<td></td>
</tr>
<tr>
<td>10/9</td>
<td><strong>Midterm Exam</strong></td>
<td>100</td>
</tr>
<tr>
<td>Week of</td>
<td>Items</td>
<td>Points</td>
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<tr>
<td>10/16</td>
<td><strong>Land Use, Conservation, and Resource Management</strong>&lt;br&gt;Quiz over background reading pg. 71-73 in manual</td>
<td>Quiz = 10&lt;br&gt;Participation = 30</td>
</tr>
<tr>
<td>10/23</td>
<td><strong>The Pollinative Prairie Field Trip</strong>&lt;br&gt;*See module for directions on how to arrive on time! &lt;br&gt;Quiz = arriving on time to the Pollinative Prairie</td>
<td>Quiz = 10&lt;br&gt;Participation = 30</td>
</tr>
<tr>
<td>10/30</td>
<td><strong>Understanding Global Climate Change</strong>&lt;br&gt;Quiz over background reading pg. 93 - 95</td>
<td>Quiz = 10&lt;br&gt;Participation = 30</td>
</tr>
<tr>
<td>11/6</td>
<td><strong>Group Project Workday</strong></td>
<td>Participation = 30</td>
</tr>
<tr>
<td>11/13</td>
<td><strong>Group Presentations</strong>&lt;br&gt;Discuss final review and post on CANVAS in the Final module</td>
<td>100</td>
</tr>
<tr>
<td>11/20</td>
<td>UNT Holiday 11/20 – 11/26 – no labs this week</td>
<td></td>
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<tr>
<td>11/27</td>
<td><strong>Semi-cumulative Final Exam</strong></td>
<td>100</td>
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</table>
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/).

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.
UNT Policy

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: 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).

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 SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-5652648.
Additional UNT Services

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)
- Counseling and Testing Services (https://studentaffairs.unt.edu/counseling-and-testing-services)
- UNT Care Team (https://studentaffairs.unt.edu/care)
- 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 euIDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.*
Pronouns

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don’t assume someone’s name, we should also ask and not assume someone’s pronouns.

- You can add your pronouns to your Canvas account 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 UNT Resources

**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)

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

SAFETY IS PART OF SCIENCE

ATTENTION TO DETAILS PREVENTS ERRORS
If you have a drink container or food on your lab table, you will be asked to put it away. You may step outside the lab to consume a drink or food. If you fail to follow this rule, you will be asked to leave and you will receive a zero for participation.
Material Safety Data Sheets

MSDS

MSDS are required to be accessible by you at all times

An MSDS tells you the hazards for a particular chemical as well as what to do in the event of exposure

The MSDS for each experiment can be found in a blue binder mounted on the wall next to the front door
The eye wash is located in a green holder mounted on the wall next to the sink in the back of the room.

A second eyewash is mounted next to the sink. It comes on automatically when you pull the arm forward.
The safety shower is located in the **2nd floor hallway** and should be used if a chemical is spilled on your body and *absorbs through your clothing*.

To find the shower in an emergency, **exit to the left** out of the classroom and move quickly to the end of the hallway. The shower is located **along the interior wall directly before the stairs**. Pull the chain to start the water flowing.
First Aid Kit
Location

In the *cabinet* in the front of the room
Fire Extinguisher
Location

How to use a fire extinguisher: PASS word
Pull, Aim, Squeeze, Sweep

Mounted on the wall to the left of the exit door.
Gloves
Location

In wall mounted bins in the front of the classroom.

Available in three sizes: small, medium and large

Gloves can’t protect you from everything – but they help!

WARNING
WEAR YOUR GLOVES
Safety Glasses
Location

In a labeled container on the counter in the front. Lens cleaners can be found in the same area.

UNT Policy: if you are sitting at a table where any chemical is being used, you must have safety goggles on. If you fail to wear safety goggles while chemicals are being used at the table, you will be asked to leave lab and receive a zero for participation.
When should I wear goggles?

• Every student must wear safety goggles **when handling any chemical**

• This includes ethanol, or any reagent used in this lab

• You may purchase your own safety goggles from the UNT Bookstore for **$4.98**

• Otherwise, we have some for you to borrow, but they must be cleaned prior to and after wearing them
Glass Disposal
Location

Only broken glass should be disposed of here!

If you break glassware do **NOT** clean it up yourself – notify the instructor immediately and let them clean it up.

Glass should be properly disposed in the glass disposal box (**NOT** the trash can) and **NEVER** pick up glass with your bare hands!
If you spill chemicals on the tables or floor, do **NOT** clean it up yourself – notify the instructor immediately and let them clean it up.
Appropriate Footwear

Wear Closed-toe Shoes

Students are **required** to wear **closed-toe shoes** to lab each week.

Any student who wears open-toed shoes will **be asked to leave the lab immediately** and **will receive a zero for participation.**
Exposure and Health Hazard

Exposure to chemicals can cause either acute or chronic health issues.

You will not work with any chemicals that induce chronic health effects.

However, for many of the experiments, you will be working with acids, bases and other chemicals that could cause acute health effects if you are not properly protected and there is an accident.

Pay attention to what you’re doing!
Routes of Exposure

Chemicals can enter the body in 4 ways:
1. Inhalation
2. Skin Absorption/Contact
3. Ingestion
4. Injection
Lab Cleanup

• Clean your personal workspace after use and ensure that no trash is left behind

• Rinse glassware and organize lab materials like you found them

• Wash hands after working with chemicals

• Push in chairs before leaving
Basic Lab Rules – A Re-cap!

• **DO NOT EAT OR DRINK IN THE LAB!**
  – Including preserved or unpreserved materials, specimens, and reagents in the lab.

• **WEAR CLOSED-TOE SHOES**
  – Protect against broken glass or spillage. Bare feet are not permitted in the lab.

• **NO ELECTRONIC DEVICES ALLOWED**
  – Due to potential contamination.

• Wear protective clothing, gloves, and goggles as needed.
• Know where to find emergency equipment.
  – Eyewash, fire extinguisher, and first aid kit.

• Report any hazardous conditions or accidents to the instructor immediately.
• Administer first aid immediately to clean, sterilize, and cover any scrapes, cuts, and burns where the skin is broken and/or where there may be bleeding.
Thank you!

If you have any questions or concerns about safety practices in the Environmental Science Lab, please contact:
Dr. Jaime Baxter-Slye at 940-891-6819 or slye@unt.edu

If you have questions or concerns about safety practices at UNT, please contact the UNT Risk Management Office at 940-565-2109.

“Lab Safety is no joke, so pay attention and use common sense.”
Next Week

* Purchase New Lab Manual
* Meet Your Instructor & Introduce Yourself Discussion
* Syllabus Agreement Quiz Prior to attending future labs
* Environmental Ethics and Scientific Method Quiz (pages 5-7) CANVAS by 11:59 PM Sunday

Proper supervision
Don’t perform lab experiments without instructor supervision (unless given permission to do so).

Dress appropriately
Tie back long hair, and wear suitable gloves, goggles, and other protective equipment.

Know location of emergency numbers & safety equipment
Know the location of safety equipment and emergency phone numbers (such as poison control) so you can access them quickly if necessary.

No food
Don’t eat or drink in the lab—and never taste chemicals.

ID hazards
Identify hazardous materials before beginning labs.

Be attentive
Be attentive while in the lab. Don’t leave lab Bunsen burners unattended or leave an experiment in progress.

Be careful when handling hot glassware
Turn off all heating appliances when not in use. Keep flammable objects away from your workspace.

Keep a clean workspace
Don’t obstruct work areas, floors, or exits. Keep coats, bags, and other personal items stored in designated areas away from the lab. Don’t block sink drains with debris.

Handle glassware carefully
Properly dispose of anything that breaks. Report cuts, spills, and broken glass to your instructor immediately.

Clean up
After completing the lab, carefully clean your workspace and the equipment, and reach your hands.
UNT Lab Safety Policy

- While working in laboratory sessions, students enrolled in BIOL1132.lab are required to follow proper safety procedures and guidelines in all activities requiring lifting, climbing, walking on slippery surfaces, using equipment and tools, handling chemical solutions and hot and cold products.

- Students should be aware that UNT is not liable for injuries incurred while students are participating in class activities. All students are encouraged to secure adequate insurance coverage in the event of accidental injury. Students who do not have insurance coverage should consider obtaining Student Health Insurance. Brochures for student insurance are available in the UNT Student Health and Wellness Center.

- Students who are injured during class activities may seek medical attention at the Student Health and Wellness Center at rates that are reduced compared to other medical facilities. If students have an insurance plan other than Student Health Insurance at UNT, they should be sure that the plan covers treatment at this facility. If students choose not to go to the UNT Student Health and Wellness Center, they may be transported to an emergency room at a local hospital. Students are responsible for expenses incurred there.