

BIOL 1112: Contemporary Biology (Online)

Syllabus

Course Description: This class will cover essential components of life including cell structures, functions and physiology; natural selection and evolution; DNA; genetic principles; and human health.

Semester: Spring 2024

Course: BIOL1112

Instructor: Claudia Gonzalez-Villarreal.

Contact Information: Phone: (940) 565-3611.

Email: Please use the messaging system in canvas as the sole means of communication.

(Emails sent to claudia.gonzalezvillarreal@unt.edu might be answered with delay. Please use the emailing system in Canvas).

Office Hours: by appointment

Teaching Assistant: Tallon Coxe (Sec. 300), Karrie Meadows (Sec. 301), McKenzie Metzner (Sec. 302), Avery Pearson (Sec. 304), Carey Earthman (Sec. 305),

Email: Please use the messaging system in canvas as the sole means of communication.

Online Office Hours: See TA contact information in the "Start Here" Section

LIVE Hours: See TA contact information in the "Start Here" Section.

Required Textbook, Materials, Browsers, and Software:

Required online FREE text: *Concepts of Biology*

(<https://cnx.org/contents/s8Hh0oOc@11.1:Pj8cW7X1@4/Introduction>)

Recommended Readings: Each module contains a list of suggested reading links and or documents.

Required Materials: Learners will need the following materials for performing experiments at home:

* Celery and food coloring – Needed for module 2

* A thermometer – Needed for module 11

Required Software:

* Learners MUST install LockDown Browser for taking quizzes and the final exam.

* Learners MUST install LockDown Browser to take the syllabus quiz and to be able to see the material of week 1

<https://www.respondus.com/lockdown/download.php?id=165715487>

Important:

- Please notice that LockDown Browser is not available for Chromebook.
- Please use FireFox while you are working in your assignments and discussions.
- For the syllabus quiz, the other quizzes and the final exam you need LockDown Browser
- **The University has iPads available at Willis Library ready for check out. These devices have access to LockDown Browser and work perfectly for quizzes and exams.**
- **The computers in Sage Hall 330 have LockDown Browser.**
- **The desktop computers at Willis Library/BLB do not have LockDown Browser, but they are good to work on assignments and discussions.**
- Please make sure you download the right version of Lockdown Browser in your computer (Mac or Windows)
- Follow the protocol provided in the course to install Lockdown Browser.
- Once you have the icon of Lockdown Browser on your desktop, close all the programs and open this course in Lockdown Browser to complete the Syllabus Quiz.
- Willis library has laptop computers and routers for check out.

Note: The Syllabus Quiz does not count towards the grade. The syllabus quiz is mandatory and only if you take it you will be able to see the course material.

Please notice that the quizzes open on Sundays and close on Tuesdays. For example, Quiz 1 opens on Sunday January 21, 2024, and closes on Tuesday January 23, 2024. All the quizzes require LockDown Browser. Install Lockdown Browser ASAP! Contact your TA in case of questions regarding Lockdown Browser.

* Firefox is the only browser recommended to open this course in Canvas.

Canvas: Take a moment to familiarize yourself with Canvas. Watch this video:

https://www.youtube.com/watch?time_continue=2&v=x3j8V-uLkNw

Assignments, Quizzes, and Discussions:

Assignments: Modules will have different types of assessments. They will be specified each week when the module opens, as well as the deadlines for each. Use the “Turnitin” application in the assignment section to submit your assignments. Please refer to Table 1.0 for the list of assignments.

1. Each assignment needs to be submitted within the corresponding module.
2. All work submitted for this class must be **YOUR ORIGINAL work**—that is, it cannot have been published already online, submitted for any other class (even a previous attempt at this class) created by generative AI or for any other purpose. Please see section on “Plagiarism and Academic Dishonesty.” **Turnitin will flag instances of plagiarism as well as the use of generative AI.** The use of generative AI in this class, unless specified in the instructions of an assignment, will be considered as a form of plagiarism, and will be assigned the same penalties. ***For the first offense, student(s) will receive a score no greater than 50 out of 100. For a second offense, student(s) will receive a score of 0 and the offense will be reported to the Dean of Students.***
3. Extra credit opportunities are not currently provided.

The assignments open on Wednesdays at 9:00 am.

All of the assignments and discussions are **DUE by 11:59 p.m. CT** on the dates indicated in Table 1. We highly recommend you submit your assignments on or before 8 pm to avoid online traffic and problems with your submission!

Quizzes and final exam:

- There will be 8 quizzes and one final comprehensive exam. The quizzes and final exam will require “LockDown Browser”. Please refer to the “Required textbook, materials and software” section for the “LockDown Browser” link
- The final exam is scheduled for 1 (one) hour during a specific day and time frame. Please refer to Table 1.0 for more information. *In addition, the final exam consists of 50 multiple choice type questions and 1 essay question.* **You will need to be certain you save enough time to complete the essay question!!**

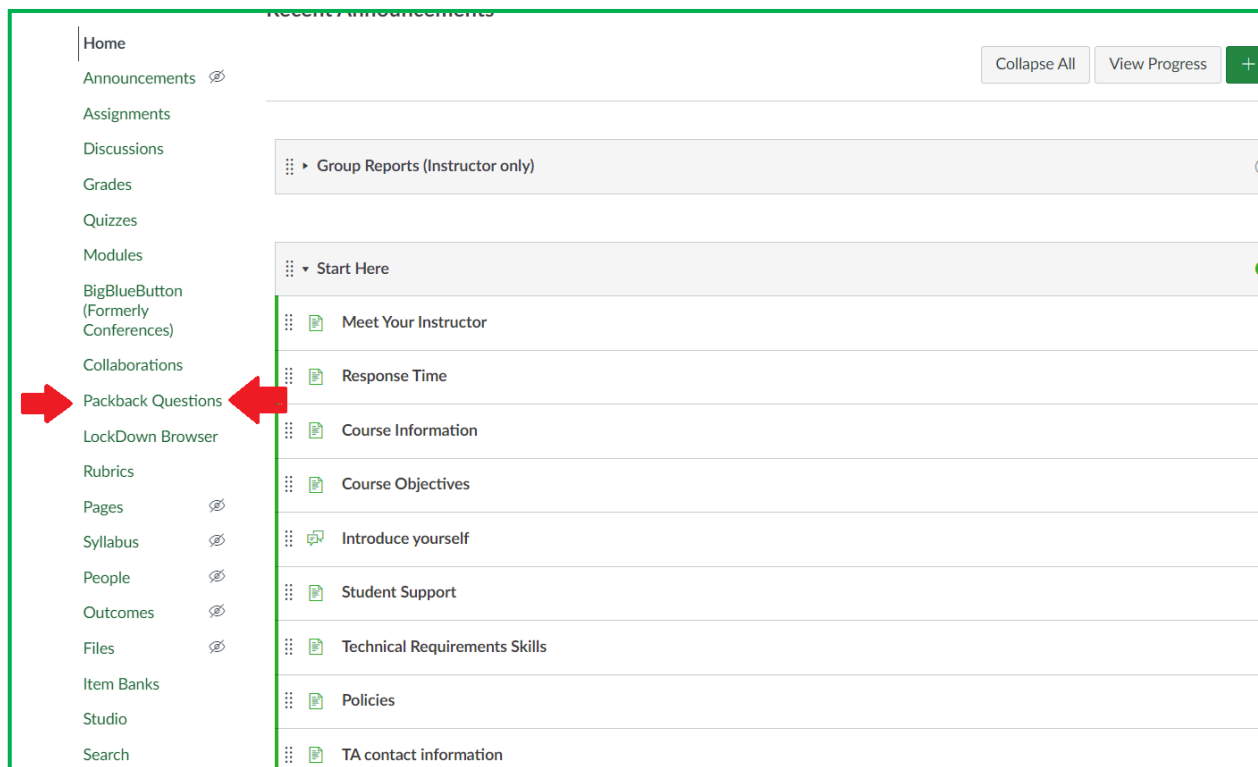
- Note: The exam opens at 6:00 am and closes at 11:59 pm CT. You can not start your exam at 11:59 pm. The latest time you can start the exam and have one hour is at 10:00 pm CT. The exam time is 60 minutes from the moment you start it, so please plan accordingly.

- **There is only one attempt per quiz and final exam (The final exam is worth 20%, so please make sure you do not miss it). We will send reminders; however, we strongly recommend that you put the Final Exam Date on your calendars now so you can plan accordingly.**
- No quiz grades will be dropped.

Discussions protocol:

1. To get started on Packback & access Packback throughout the term, simply click "Packback" on the left side of our course within Canvas (See image below).
2. You have full access to the community and can start posting.
3. Follow the guidelines and dates of this syllabus for your posts.
4. Students should reach help@packback.co for assistance or questions related to Packback. You can expect a response within 24 hours.

Watch Packback's Orientation Video! <https://app.vidgrid.com/view/H6xBklBAeGCN>



Every discussion assignment is slightly different on any given week. Every other discussion, **you'll be asking an original question.** Every discussion, you'll always be responding to questions.

See below for the schedule!

SPRING 2024				
Discussion No.	Modules	Students with this first letter in your last name will post your original question before this deadline	Deadline to post the original question	When the module closes (All the responses should be done before this date)
1	Modules 1, 2	A to M	January 23	January 30
		N to Z	Not Required	January 30
2	Modules 3, 4	N to Z	February 6	February 13
		A to M	Not Required	February 13
3	Modules 5, 6	A to M	February 20	February 27
		N to Z	Not Required	February 27
-	Modules 7, 8	NO DISCUSSIONS	-	-
4	Modules 9, 10	N to Z	March 26	April 2
		A to M	Not Required	April 2
5	Modules 11, 12	A to M	April 9	April 16
		N to Z	Not Required	April 16
6	Module 13, 14	N to Z	April 23	April 30
		A to M	Not Required	April 30

(To be successful, you will need to complete the readings and assignments before participating in the discussion!)

If it's your week to post an original Question (see chart above)

1. Ask your own discussion question on the feed related to the modules! Click "ask a new question" on the main Packback feed. Now you've posted a question for your peers to respond to! This one original question is due at the date/time listed above (see "Deadline to post the Original question")
2. Write three responses to three peer questions. These responses can directly answer the peer question (click "add response") or can be a counterpoint/supporting point to an already existing peer response (click "add supporting point" or "add counterpoint"). These three responses are due at the date/time listed above (see "When the module closes")

- To receive full credit, you need to elaborate and justify both your original question and your 3 responses with a minimum of 100 words each. Short answers will not count as a post. Links to factual, valid, and reliable outside resources are a plus!
- See Table 1 below for grading criteria.

If it's not your week to ask an original question, you're still posting! Follow these instructions:

- Write four responses to four peer questions. These responses can directly answer the peer question (click "add response") or can be a counterpoint/supporting point to an already existing peer response (click "add supporting point" or "add counterpoint").
- To receive full credit, you need to elaborate and justify your responses with a minimum of 100 words each. Short answers will not count as a post. Links to factual, valid, and reliable outside resources are a plus!
- These four responses are due at the date/time listed above (see "When the module closes")
- See Table 2 below for grading criteria.

Discussion Assignment grading criteria:

Table 1 - Discussion Assignment *During your question week*		
Description	Points	Total Points
Write three responses to the three peer questions. These responses can directly answer the peer question (click "add response"), or can be a counterpoint/supporting point to an already existing peer response (click "add supporting point" or "add counterpoint").	20 each	60
Ask your own discussion question on the feed related to the modules! Click "ask a new question" on the main feed. Now you've posted a question for your peers to respond to!	20	20
Average Curiosity Score – You will receive an additional 20 points if your average curiosity score for the assignment interval is a 50 or above. You will always be able to achieve a 50 as long as your posts have 100+ words and you cite a source (outside article, journal, video, module, or textbook)	20	20
Only use this table when you're required to ask your own question. If it's not your week to post a question, refer to table 2.		100

Table 2 - Discussion Assignment Grading Rubric		
Description	Points	Total Points
Write four responses to four peer questions. These responses can directly answer the peer question (click "add response") or can be a counterpoint/supporting point to an already existing peer response (click "add supporting point" or "add counterpoint").	20 each	80

Average Curiosity Score – You will receive an additional 20 points if your average curiosity score for the assignment interval is a 50 or above. You will always be able to achieve a 50 as long as your posts have 100+ words and you cite a source (outside article, journal, video, module, or textbook)	20	20
Only use this table when you're not required to post an original question. Please see Table 1 for posting requirements during your question week		100

Revision of Grades and Late Assignment Policy:

- Once the grades are released, the student has 5 working days to request the review of the assignment and grade. After 5 days no revisions and/or grade changes will be considered.
- The student’s request needs to be sent to Dr. Thompson copying the Online Administrator and TA using Canvas’ email ONLY.
- The revision will be done by the Online Administrator; then reported and approved by Dr. Thompson.
- After a revision, a new grade and feedback will be reported for the corresponding assignment as official and final. The first grade and feedback are automatically cancelled, even though that grade might be higher than the second grade.

Late Work Submission Policy:

- Late work for this course will not be accepted.
- **This is NOT a self-paced course;** therefore, you must make careful note of the deadlines for each assignment to allow you to turn in the required work on time.
- Missed quizzes may only be re-opened for an individual upon receipt of approved medical and/or university documentation.

When experiencing a problem with Canvas, call the helpdesk, make a report, and obtain a “ticket” for the stated problem. It is the student’s responsibility to email the instructor when experiencing a problem with the system. Without exceptions, all these emails should contain a copy of the provided helpdesk ticket and the print-screen that shows the problem, date and time.

Plagiarism and Academic Dishonesty: Plagiarism is presenting the work of another as your own or re-using your work for another class in this class without permission. Plagiarism will not be tolerated, the student will get a grade of zero for that particular assessment, a meeting with the student and Dr. Thompson will be scheduled to discuss the situation, and a report will be generated and sent to the Dean of Students.

Netiquette: Be courteous. Harsh, discriminatory, or rude language will not be tolerated. Please familiarize yourself with the more general Netiquette policies available in this guide <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>. Treating others with respect is integral to our course.

Course Schedules and Drops within the First Week of Class: It is the student’s responsibility to be aware of all University of North Texas policies and deadlines for dropping courses or

withdrawing. For more information on UNT Add/Drop procedures, please visit the UNT Registrar's page at <http://essc.unt.edu/registrar/schedule/scheduleclass.html>.

Syllabus Change Policy This syllabus is not a contract; Dr. Thompson reserves the right to alter both dates and assignments. Any changes made will be announced via Canvas announcements, and an updated version will be posted there as well.

Attendance Policy

This is an asynchronous laboratory. Daily attendance is not mandatory.

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 [November 16 – December 3] 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 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 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 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/>)

Grading Policy:

Quizzes (8)	20%
Final Exam (1)	20%
Discussions (8)	10%
Assignments (14)	50%

Grade distribution:

>90%	=	A
>80%	=	B
>70%	=	C
>60%	=	D
<60%	=	F

Contemporary Biology (BIOL 1112) SPRING 2024
List of assessments with dates and supporting reading materials

Start by reading the “Start Here” module and syllabus.

Sign the course policy agreement ([It requires LockDown Browser](#)) BEFORE starting with the Modules.

All the Quizzes and final exam [require LockDown Browser](#) and must be taken AFTER completing the Module(s) assignments.

Day the module opens / Module DUE by date (closes at 11:59 pm)		Name of the chapter/Topic	Assessments	
Module 1	Jan 17 – Jan 23	How cells are studied and comparing cells/ Soil properties and the relationship to plant selection and health. Supporting Chapter: 3.1-3.3	Module 1 assignment Quiz 1	Discussion 1
Module 2	Jan 24 – Jan 30	The Cell Membrane and Transport/Movement of water and minerals in plants. Supporting Chapter: 3.4-3.6	Module 2 assignment Quiz 2	
Module 3	Jan 31 – Feb 6	Photosynthesis/Obtaining energy for Life. Supporting Chapter: 5	Module 3 assignment	Discussion 2
Module 4	Feb 7 – Feb 13	Population Ecology & Ecosystems/Food Chains & Food Webs. Supporting Chapter: 19-20.1	Module 4 assignment	
Module 5	Feb 14 – Feb 20	Eukaryotic cells and the cell membrane/Identify major cell structures & the roll of the cell membrane. Supporting Chapter: 3.3-3.4	Module 5 assignment Quiz 3	Discussion 3
Module 6	Feb 21 – Feb 27	Structure & Function of DNA/Illustrate, label, explain, describe and identify DNA & the Mitotic Cell Cycle. Supporting Chapter: 9-9.4	Module 6 assignment Quiz 4	
Module 7	Feb 28 – Mar 5	Gene Regulation & Inheritance/Genetic principles. Supporting Chapters: 9.5 & 8	Module 7 assignment Quiz 5	-
Module 8	Mar 6 – Mar 19	Cellular Reproduction/The Meiotic Cell Cycle & Sex-linked inheritance. Supporting Chapter: 7	Module 8 assignment Quiz 6	
	Mar 11 – Mar 17	Spring Break – No classes		
Module 9	Mar 20 – Mar 26	The Process of Evolution/Causes & evidence of evolution. Supporting Chapter 11	Module 9 assignment	Discussion 4
Module 10	Mar 27 – April 2	The Body’s Systems/Digestion & Nutrition. Supporting Chapter 16	Module 10 assignment	
Module 11	April 3 – April 9	Healthy Living.	Module 11 assignment Quiz 7	Discussion 5
Module 12	April 10–April 16	Disease prevention. Supporting Chapter 17.1-17.4	Module 12 assignment	
Module 13	April 17–April 23	Cancer & the Cell Cycle/Roles, risks, & relationships. Supporting Chapter: 6.3	Module 13 assignment Quiz 8	Discussion 6
Module 14	April 24–April 30	Biotechnology/Biomedical Advances. Supporting Chapter: 10	Module 14 assignment	
-	April 24 – May 5	Reading day – No classes (May 3) Review (April 24 – May 5)	-	-
FINAL EXAM	Monday May 6	FINAL EXAM - PLEASE NOTICE THE EXAM IS ON MONDAY May 6, 2024 . Pick 60 minutes from 6:00 am to 11:59 pm CT ONLY. <u>You cannot</u> start the exam at 11:59 pm. There is an ESSAY question in the final – You need to plan your time accordingly!		

While this syllabus is intended to be a useful guide, we reserve the right to make changes at any time in order to better meet the needs of the class. We will inform you of any changes in writing using the Canvas announcement function or by email.

Spring 2024 holidays:

Martin Luther King Jr. Holiday – No classes: January 15, 2024.

Spring Break – No classes: March 11 -17, 2024.

This syllabus is a guideline and is subject to change at any time.

UPDATED: January 08, 2024.