



Syllabus: Biology 2 & Biology Lab 2 (Dual Credit)

Course Number: BIOL 1309 & BIOL 1109

Semester & Year: Spring 2024

Instructor Information

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Textbook Information

- This semester for Concepts of Biology, we will be using an open source textbook developed by Rice University. You can purchase a copy of the textbook at the TC Bookstore, or you can download it as a PDF to your computer, tablet, phone, etc. for free from the Rice OpenStax website. <http://openstaxcollege.org/textbooks/concepts-of-biology>.

NOTICE OF ASYNCHRONOUS LEARNING FOR FULL CONTACT HOURS:

When taking these classes on the TC campus, students have a total of 96 contact hours: 48 each for lecture and lab. Due to our high school schedule falling short with a total of 63 contact hours for the Fall semester, students will be expected to complete the remaining 33 hours outside of the regular class time. The outside hours should be a minimum of two hours per week. These outside hours may include, but are not limited to - completing lecture notes, studying for examinations, researching, conducting laboratory simulations, analyzing case studies, watching videos, writing essays, and completing virtual labs. Students can be expected to complete these hours before school, after school, and while at home.

Student Learning Outcomes for BIOL 1309

Upon successful completion of this course, students will:

1. Describe modern evolutionary synthesis, natural selection, population genetics, micro and macroevolution, and speciation.
2. Describe phylogenetic relationships and classification schemes.
3. Identify the major phyla of life with an emphasis on plants and animals, including the basis for classification, structural and physiological adaptations, evolutionary history, and ecological significance.
4. Describe basic animal physiology and homeostasis is maintained by organ systems.
5. Compare different sexual and asexual life cycles noting their adaptive advantages.
6. Illustrate the relationship between major geologic change, extinctions, and evolutionary trends.

Student Requirements for Completion of the Course and Due Dates

Dates are subject to change

Lecture Exams	Chapters Covered	Date
Exam 1	Chapters 11-12	1/30
Exam 2	Chapters 13-14	2/26
Exam 3	Chapters 15-16	3/20
Exam 4	Chapter 17	4/10
Exam 5	Chapter 18	4/24
Comprehensive Final	Chapters 11-18	Finals Week

Student Assessment

- Students will be evaluated on a combination of lecture examinations, quizzes, articles and other class assignments, and a comprehensive final examination.
- The course will be broken up into unit topics. A variety of interactive, discussion posts, and practice quizzes will be assigned during each unit for practice or for a deeper understanding of content. At least one lab will be conducted for each unit. Each unit will conclude with a Quiz.
- High school grades will be reported each six weeks and calculated according to the Hooks High School Science Department grading policy: 35% unit tests, 30% daily work, 35% project/lab.
- The final grade for the Texarkana College course BIOL 1309 will be determined at the end of the course (May) and will be calculated by the following: 5% discussion post, 5% practice quiz, 15% quizzes, 60% exams, and 15% final exam.

Grade	%
A	89.5-100
B	79.5-89
C	69.5-79
D	59.5-69
F	59-below

As extra credit, an additional 20 points will be added for completion of each unit interactive. The points will vary as followed:

Grade Letter	Grade Scale	Extra Credit Points
A	89.5-100	+2.5
B	79.5-89	+1.5
C	69.5-79	+0.5
F	69 or below	+0

PowerPoint slides, handouts, out of class assignments, and study guides will all be available on Google Classroom. If you have problems accessing the materials, please let me know.

LECTURE & LAB BIOL 1309 DC & BIOL 1109 DC ROADMAP

Spring 2024

Dates	Lecture & Lab Weekly Activities
1/11-1/18	Lesson 11: Evolution Interactive/Practice Quiz/Quiz Lab 11- Evolution
1/22-1/26	Lesson 12: Diversity of Life Interactive/Practice Quiz/Quiz Lab 12-
1/30	Exam I
2/1-2/7	Lesson 13: Microbiology Interactive/Practice Quiz/Quiz Lab 13- Microbiology
2/9-2/15	Lesson 14: Plants Interactive/Practice Quiz/Quiz Lab 14- Plants
2/26	Exam II
2/28-3/5	Lesson 15: Animals- Invertebrates Interactive/Practice Quiz/Quiz Lab 15- Animals- Invertebrates
3/7-3/18	Lesson 16: Animals- Vertebrates Interactive/Practice Quiz/Quiz Lab 16- Animals- Vertebrates
3/20	Exam III
3/22-4/8	Lesson 17: Body Systems Interactive/Practice Quiz/Quiz Lab 17- Body Systems
4/10	Exam IV
4/12-4/22	Lesson 18: Ecology & Ecosystems Interactive/Practice Quiz/Quiz Lab 18- Ecology & Ecosystems
4/24	Exam V
4/26	Review Final
4/30	Lab Final Exam
5/2	Lecture Final Exam

This outline is subject to change for reasons of course interest, time constraints, or instructor decision. The exams will be administered on the dates given, unless material relevant for a given exam has not been covered. Under such cases, an exam may be moved a class period or two to aid in the clarity and understanding of the material.

Tutoring: Before and/or after school

Cell Phone Policy

All cell phones will be turned to silent mode (or vibrate) and kept out of sight in class. If any phones are out while testing, I will assume you are cheating. Students who are on their phones or other electronic devices during an exam or quiz will receive a score of zero. There will be no talking on phones, texting, or social media while lecture and discussion is taking place. Students are not allowed to videotape class lectures, and you are not allowed to put lecture material on social media at any time. All students must receive permission from the instructor if they wish to audio record class lectures. If you cannot abide by this policy, you will be asked to leave, or you will be dropped from the class.

Make-up Policy

Make-up exams should not be required. One make-up exam for full credit will be given. Students who miss more than one test will receive a grade of zero. If a student has an emergency that causes him or her to miss a second test, the instructor must be contacted before the test date and documentation must be provided by the student. Otherwise, a score of zero will be applied to the student's grade. Students who miss a third test or more will automatically receive a score of zero. Students will have one week to make up a missed quiz or exam. Make-up exams may differ in format from the original test. All make-up exams will be recorded as a zero until they are made up. This policy will also apply for in-class quizzes. Assignments that have a specific due date will have points deducted if they are late.

Class Behavior

There will be a zero tolerance policy for any behavior that is disruptive and prevents or deters classroom learning. This behavior includes, but is not limited to, any use of vulgar language or rude behavior towards the instructor or any other student in the class. Saving seats is not allowed in the classroom. Violation could result in being asked to leave the class, withdrawal from the course, and/or investigation by the Dean of Students. Students who are dropped from the course for inappropriate behavior will receive a grade of F.

Student Responsibilities

It is the student's responsibility to know and comply with the instructor's policy and to contact the instructor to make up for missed work.

Attendance Policy

Roll will be taken during each class. It is recommended that students contact the instructor if missing a class is necessary. A student with more than four absences may be dropped from the class for lack of attendance. If a student stops coming to class, and it is well before the end of the semester, then the student will most likely be dropped. If an enrolled student stops attending class and chooses to receive an F, the last date they attended will be listed on the final grade sheet and they will most likely have to pay back money received from grants or scholarships. If a student leaves and returns during class or leaves the class before the class is over, he/she may be considered absent. Three tardies constitute one absence.

Excused Absences: A student's absence due to school trips and/or school business will not be counted against a student's allowable number of absences. Responsibility for work missed for any absence is placed on the student. Instructors are required to allow students to make up work missed if the absence is due to military duty or religious holy days when students follow the correct notification procedures. Instructors are not required to allow students to make up work for absences due to other reasons.

Incomplete Grade Policy: Incompletes can be given if you complete 75% of the course work with at least a 70% average. Students who want an incomplete grade should meet with the instructor and make a request for the grade and have a plan for completing the required work.

Withdrawal Policy: If you wish to drop the class, please do so yourself. The instructor will not be responsible, unless you make a specific request prior to the drop deadline. The drop deadline for each semester can be found in the Texarkana College Catalogue (<https://www.texarkanacollege.edu/>). After the drop deadline the student that fails to complete the class with a satisfactory grade will receive a grade of "F". The student's final attendance date will be reported with the grade of "F".

Student Support Services: Student Support Services helps students by offering career information, tutoring, study skills, and college transfer information. Student Support Services is located in Room 106 of the Career Education Center. The Web page for Student Support Services can be found at <https://www.texarkanacollege.edu/>.

Academic Integrity Statement: Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F". This policy applies campus wide, including the TC Testing Center, as well as off-campus classrooms or lab sites.

Disability Act Statement: Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance. If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, present it to the instructor so we can discuss the accommodations that you might need for this class. It is best to request these changes at the beginning if not before the start of class so there is ample time to make accommodations.

Financial Aid: Attention! Dropping this class may affect your funding in a negative way! If you drop, you could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.