

PRE/CO-REQUISITE COURSES:

All students must have received a 'C' or better in CHEM 1215/1215L.

REQUIRED MATERIALS:

Discussion manual should be brought to each Discussion Section.

Biology 2110C Molecular and Cell Biology: Discussion Manual – Spring 2020, Council-Garcia *et al.* – Available at the Dane Smith Hall Copy Center.

Biological Science 7th Edition, Freeman (Inclusive Access) – Hard copy available at the UNM Bookstore.

GRADING:

The Discussion section will count as 25% of your final grade in BIOL 2110C. Student discussion grades will be based on in-class activities, presentations, skills workshops, and homework. Students are responsible for actively tracking their grades on UNM Learn. Student grade concerns should be addressed with a TA or lab coordinator as soon as possible upon receiving graded work. Discussion assignment grades will be considered permanent three weeks after the due date. Students are responsible for adhering to University of New Mexico grade policies (refer to UNM Catalog). This class is not offered for Credit/No Credit.

WITHDRAWAL POLICY:

This course can be dropped without receiving a 'W' up until the end of Week 3 (Feb 07). After Feb 07, students will receive a 'W' at the time of withdrawal.

STUDENT EXPECTATIONS:

Students are required to arrive at all Discussion Sections on time. Please silence all communication devices while attending Discussion Sections. Assignments must be turned in at the start of the Discussion Section. Assignments will be considered late 5 minutes after the start of Discussion Section. Students are expected to be present for the entire seventy-five minutes scheduled.

Students should review their Discussion Manuals prior to attending Discussion Section. Supplemental course materials will be posted on UNM Learn. Students must read the relevant materials prior to class, and answer all assigned problems.

STUDENT DISCUSSION GROUPS:

Student Discussion groups will be assigned during the second and eighth Discussions. All students are required to work with their group throughout the semester on a variety of assignments. It is important for students to learn to work cohesively within a group - many Discussion activities will depend on group cooperation.

PRESENTATIONS:

Each student will present one 2-3 minute informal presentation on a peer-reviewed scientific journal article that covers a current topic in biology. Presentation dates will be assigned at the start of the semester – if a student declines to present, or is not present for their assigned presentation date, they will receive a zero.

EASE WORKSHOPS:

Every student in BIOL 2110C is required to complete an Essential Academic Skill Enhancement (EASE) Workshop. Information on this workshop can be found on UNM Learn. Orange Cards cannot be used for EASE Workshops, and there are no make-ups for EASE workshops.

The Study Skills Workshop will be offered during W03 & W04 (Feb 03 – Feb 14). Students must register for this workshop online using the link found on UNM Learn. Each workshop has limited seating and students are encouraged to register early to accommodate their schedules. Students will not be admitted if they arrive late to their scheduled workshop.

LECTURE HOMEWORK:

Lecture homework will be posted on UNM Learn – these Homework Assignments are worth 10 points each. These assignments will count toward the Discussion portion of student grades. It is the student's responsibility to check UNM Learn each week and complete it on time. Answers must include clear, concise explanations – short phrase answers will not receive credit. Students must show all work they have done to answer a question. Language, communication, and math are vital components of biology, therefore students are expected to write clearly and express ideas logically. Poorly written or unclear work will be penalized when graded.

LATE ASSIGNMENTS:

Assignments are considered late if they are not submitted by the due date. If an assignment is turned in late it will receive a zero.

ATTENDANCE:

Attendance at all Discussion Sections is required. Students are responsible for notifying their TAs prior to, or immediately after, missing a Discussion Section. (See Orange Card Policy below)

ORANGE CARD POLICY:

An Orange Card can be used to make up a missed lab. Each student can be issued a maximum of 2 Orange Cards/semester. Orange Cards can be obtained from Biology Prep (CAST 68) using a valid ID. An Orange Card may be used to attend a different Discussion Section. Orange Cards must be used to attend another Discussion Section in the same week. Please review the full Orange Card Policy posted on UNM Learn.

ACADEMIC INTEGRITY STATEMENT:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or otherwise fails to meet the standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic dishonesty includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

ACCOMMODATION STATEMENT:

In accordance with University Policy 2310 and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. It is imperative that you take the initiative to bring such needs to the instructor's attention, as he/she are not legally permitted to inquire. Students who may require assistance in emergency evacuations should contact the instructor as to the most appropriate procedures to follow. Contact Accessibility Resource Center at 277-3506 for additional information.

TITLE IX STATEMENT:

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see pg 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>

CITIZENSHIP STATUS STATEMENT:

All students are welcome in this class regardless of citizenship, residency, or immigration status. Your Lab Coordinator will respect your privacy if you choose to disclose your status. UNM as an institution has made a commitment to the success of all our students, including members of our undocumented community. The UNM Administrator's welcome message is available at undocumented.unm.edu

Week	Date	Topic and Assignments
01	Jan 21 – Jan 22	No Discussion Section
02	Jan 28 – Jan 29	Topic: The Scientific Method (p. 33) Due: DA-01
03	Feb 04 – Feb 05	Topic: Chemistry (p. 37) Due: DA-02
04	Feb 11 – Feb 12	Topic: Biological Molecules: Carbohydrates (p. 57) Due: DA-03
05	Feb 18 – Feb 19	Topic: Biological Molecules: Lipids (p. 57) Due: DA-04
06	Feb 25 – Feb 26	Topic: Deoxyribose Nucleic Acid (DNA) and Replication (p. 65) Due: DA-05
07	Mar 03 – Mar 04	Topic: Membranes and Osmosis (p. 83) Due: DA-06
08	Mar 10 – Mar 11	Topic: Cell Structure and Function (p. 75) Due: DA-07
09	Mar 17 – Mar 18	No Discussion Section – Spring Break
10	Mar 24 – Mar 25	Topic: Cell Signaling (p. 95) Due: DA-08
11	Mar 31 – Apr 01	Topic: Cell Signaling (p. 95) Due: DA-09
12	Apr 07 – Apr 08	Topic: Mitosis (p. 149) Due: DA-10
13	Apr 14 – Apr 15	Topic: Metabolism & Glycolysis (p. 105) Due: DA-11
14	Apr 21 – Apr 22	Topic: Metabolism & Glycolysis (p. 105) Due: DA-12
15	Apr 28 – Apr 29	Topic: Enzymes and Energy (p. 117) Due: DA-13
16	May 05 – May 06	Topic: Cellular Respiration (p. 125) Due: DA-14
17	May 12 – May 13	No Discussion Section – Final Exams