

Biology Lab for Non-Majors ONLINE
Biology 112-502
Fall 2015
Syllabus

Instructor: Dr. Miriam J. Chávez
Office: Room 100B, Health Science Building
Office Hours: Monday & Wednesday 8:00-9:00 a.m.
Tuesday & Thursday 10:30 a.m. to Noon

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Course Description:

This lab will cover similar topics that are discussed in Biology 110. You must be either enrolled in a Biology 110 class this semester or must have taken it previously. Credit is not applicable toward biology major or minor.

Learning Objectives:

1. Students will be able to analyze and interpret graphical data.
2. Students will be able to use the scientific method to develop and test a hypothesis.

Required Learning Resources:

1. **NO TEXT NEEDED** – You must have access to McGraw Hill Connect website (ISBN: 0077736656)

<http://connect.mheducation.com/class/m-chavez-001>

2. **Course Webpage:** <https://learn.unm.edu/> . The webpage contains resources you need to succeed in the course. Login using your UNM user name and password. ***You are responsible for all announcements, tests and/or any changes to the syllabus will be posted on the webpage. I strongly urge you to check each week for assignments and due dates.***
3. **LearnSmart Lab:** All the labs are to be completed at the McGraw Hill Connect website. There are 11 labs that **MUST** be completed. Each lab is worth 25 points. All labs will be open for a week.

Course Information:

- You are responsible for getting the access for this “Virtual Biology Lab” You must buy an access code and set-up a McGraw Hill Connect account.
- All labs are to be completed by Friday.
- Midterm and Final exam will be given through Blackboard learn.
- **Withdrawal.** If a student drops the course before September 4 appear on their transcript. After September 4 a “W” will be issued.
- **Drop policy.** If the student has missed three labs, he/she will be dropped from the class

Grading Policy:

The course grade will be determined as follows:

Weekly Labs (11)	80%
Midterm Exam	10%
Final Exam	10%

Grades earned will be based on percentage as follows:

100 or higher -- A+	90-99 -- A
80-89 -- B	70-79 -- C
60-69 -- D	below 60 -- F

NOTE – YOU MUST register for the class at the McGraw Hill Connect website. If I don’t see your name on the class list and you do not complete the first lab by Friday, August 28 – YOU will be dropped from the course.

If you are having trouble, please let me know.



Laboratory Outline

Week	Week of	LearnSmart Lab
1	August 17	Scientific Method
2	August 24	Scientific Method
3	August 31	Chemical Composition of Cells
4	September 7	Microscopy Biology
5	September 14	Cell Anatomy
6	September 21	Cellular Respiration
7	September 28	Complete a missing Lab Review for Midterm
8	October 5	Midterm Exam
9	October 12	DNA Biology & Technology
10	October 19	Mitosis & Meiosis
11	October 26	Mendelian Genetics
12	November 2	Human Genetics
13	November 9	Evidence of Evolution
14	November 16	Natural Selection
15	November 23	Complete a missing Lab Review for Final Exam
16	November 30	Final Exam