

Biology Lab for Non-Majors ONLINE
Biology 112-502
Spring 2016
Syllabus

Instructor: Dr. Miriam J. Chávez
Office: Room 100B, Health Science Building
Office Hours: Monday & Wednesday 8:00-9:00 and 10:30 to 11:30 a.m.
Tuesday & Thursday 9:00-10:30 a.m.

Phone: 925-8613

E-mail: mjchavez@unm.edu

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 describe the scientific method.

Required Learning Resources:

1. **NO TEXT NEEDED** – You must have access to McGraw Hill Connect website (ISBN: 978-0-07-773276-9)

<http://connect.mheducation.com/class/m-chavez-valencia--bio-112l---spring-2016-sect-502>

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 – Connect Website:

- a. 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.
- b. There is a homework associated with each lab – also to be completed at Connect website. Each homework is worth 10 points.

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 February 5 appear on their transcript. After February 5 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:

Introduction	25 points
Weekly Labs (11)	275 points
Homework (11)	110 points
Midterm Exam	50 points
Final Exam	75 points

There is a total of 535 possible points. The students earned points will be divided by the total points and 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, January 29 – YOU will be dropped from the course.

If you are having trouble, please let me know.



Laboratory Outline

Week	Week of	LearnSmart Lab
1	January 19	Scientific Method
2	January 25	Scientific Method
3	February 1	Chemical Composition of Cells
4	February 8	Microscopy Biology
5	February 15	Cell Anatomy
6	February 22	Cellular Respiration
7	February 29	Complete a missing Lab Review for Midterm
8	March 7	Midterm Exam
9	March 14	<i>Spring Break – No Labs Due Enjoy your time off!!!!</i>
10	March 21	DNA Biology & Technology
11	March 28	Mitosis & Meiosis
12	April 4	Mendelian Genetics
13	April 11	Human Genetics
14	April 18	Evidence of Evolution
15	April 25	Natural Selection Review for Final Exam
16	May 2	Final Exam