

UNM Valencia

Fall semester, 2019

Biology 1140 Lab Sections 503-504

Syllabus

Course description: This is an overview of concepts, principles and laboratory techniques that important to health science majors and non-majors. The course is oriented toward practical knowledge and applications.

Instructor: Dr. Lars Helgeson, email lhelgeson@unm.edu

Office hours Tuesdays at 1:45 and Thursday at 3:00 p.m. by appointment.

Text: There is no specific book for this class, but weekly lab directions will be provided either as a class handout or as a download from the course webpage learn.unm.edu. Labs are designed to support the course lectures and readings from the text *Inquiry into Life by Mader and Windelspecht*

The first three weeks of lab directions will be provided in class, thereafter you are expected to download and print out each weekly lab and bring that to class on Tuesdays at the appointed hour.

Course expectations and policies:

- Be on time for every class. Don't be late. More than 10 minutes late is considered an absence.
- Attendance will be taken daily by the instructor
- No food or drink or gum of any kind is allowed in the lab.
- Follow all safety directions carefully
- Contribute to class discussions. Ask questions.
- Late assignments will not be graded and missed exams may require special arrangements for make-up time and place.
- Labs cannot be made up. Lab practicum exams cannot be made up. Exams may contain both practical measurements and observations as well as written components.
- Family emergency absences are normally excused providing reasonable notice and proof is given to the professor.
- Treat all lab equipment with great care.

Disabilities testing and notification are provided by the University. Students may request special disability evaluation at any time and as soon as possible if that is needed.

Title IX criteria are provided in detail with regard to any form of sexual discrimination or harassment or misconduct, see

<http://www2.ed.gov/about/offices/list/ocr/does/qa-201404-title-ix.pdf>

Citizenship and immigration status are considered private information and are not a factor in student education. All students are welcome in the class regardless of citizenship, residency, or immigration status.

Course grading policy and calculation:

A+= 99-100%; A = 94-98%; A- = 90-93%
B+ = 88-89%; B= 83 – 87%; B- =80 – 82%
C+ = 78 – 79%; C = 73 – 77%; C- = 70 – 72%
D = anything in the 60-69%
F = Below 60%

There is one midterm exam and one final exam with each being worth 200 points. There are about ten lab reports each worth 50 to 100 points. Data reporting and recording, analysis, graphing, spelling and sentence structure all count. Early in the semester lab reports count less, as I expect to see improvement as we move through the semester.

Attendance and being on time may affect your grade as those reflect in your class contributions and discussion.

Tests must be fair, so we will discuss points and test content before every exam. Grading lab reports is essentially the same as a quiz. Your final grade will be calculated based on the total points available during the semester to every student in the class. There is no extra credit.

NOTES ON THE LAB REPORT FORMAT :