

BIOL 1406L, Biology I Lab Course Information Fall 2024

Lab Manual: Exploring Biology in the Laboratory, 3e; Pendarvis & Crawley; 2018; Morton Publishing (Lab book only required for face to face labs) ISBN# 978-161731-7552

Additional resources:

HHmi.org (Howard Hughes Medical Institute)
Khan Academy

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903 693 2074

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Office Hours: MW 9:30-11:30a.m.
TR 1:15-3:15p.m.

OFFICE HOURS SUBJECT TO CHANGE

Online TBD
(Email usually checked three times per day) **Please E-mail me in canvas only.**

Course Description:

Biology 1406 laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included.

Lab Grade Calculation:

- Lab - 30% consisting of:
 - Lab Quizzes: 10%
 - Lab Exercises: 50%
 - Lab Reports: 15% minimum of two per semester in proper format
 - Lab Practicals: 25% minimum of two fill in the blank lab practicals they shall be given covering the lab review sheet with a minimum of 50 questions taken from models, specimens, pictures, slides, chemical processes, experiments and critical thinking exercises (**Note: You will be notified in advance if Lab Practicals this semester will be taken in face to face lab or proctored online**)

- Final scores in the class shall not be curved

A bonus project may be assigned at the instructor's discretion

(Note: Late work is not accepted)

Attendance and Conduct:

Please refer to the policies in the current catalog. **You are not allowed to miss more than 3 face to face classes in a Monday/Wednesday class. Missing more than 3 class sessions in lecture or lab can result in being dropped from the class.** Promptness to lecture and lab is expected. **3 tardies equal an absence.** Students will be respectful and attentive. **Students exhibiting inappropriate behaviors are subject to removal from the classroom and potentially from the class.** Hats will not be worn in the lecture room or in the laboratory. Students will not eat and/or drink in the classroom. Cell phones must be turned off in the classroom and laboratory.

Other:

- For current texts and materials, use the following link to access bookstore listings: <https://www.panola.edu/student-services/panola-college-store>
- For testing services, use the following link: <https://www.panola.edu/student-services/student-support/academic-testing-center>
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Administration Building or go to <https://www.panola.edu/student-services/student-support/disability-support-services> for more information.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, *The Pathfinder*: https://www.panola.edu/sites/default/files/2022-04/2020springpathfinderupdated2-%204-7-2022.word_.pdf1_.pdf
- Courses conducted via video conferencing may be recorded and shared for instructional purposes by the instructor.