

Principles of Biology Lab II - BIOL 1108L (Spring, 2022) Section E (CRN: 24681)

1. Course Information

- Hours of credit: 1
- Lab

-Academic integrity is the responsibility of all VSU faculty and students. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and the syllabus. All students are expected to do their own work and to uphold a high standard of academic ethics. **Cheating** (including plagiarism) will not be tolerated. The instructor reserves the right to dismiss you from the course without credit if you are caught cheating. You will be respectful of your instructor and your fellow students at all times, or you will be dismissed from the class and potentially the course.

- Print out this syllabus and keep it in your lab notebook.

5. Lab Assignments and Evaluation Policy

Throughout the semester lab assignments will be given. Due dates of these assignments are shown in the lab schedule table in this syllabus.

12 quizzes (120) + Two Lab Practical Tests (200) + 11 Pre-Lab Quizzes (55) + 11 Post-Lab quizzes (55) + Final (100) = 530.

Lab quizzes. There will be a 10-point quiz at the beginning of each lab session, so do not be late for lab! If there is an error with your quiz grade you must contact me on the week the quiz is given, as grades will become final by the following week. If you miss taking quizzes for any reason, there is an opportunity for you to make up them. However, you will get a credit of 70% of your scores from make-up quizzes unless you provide me official documents to excuse your failure to take the quizzes at the scheduled time.

Grading criteria

A \geq 90; B \geq 80; C \geq 70; D \geq 60; F < 60

How to study? (The followings are my suggestions)

Quizzes: You need to study the assigned pages of the math book. All quiz questions will be from the book with modifications of using different numbers in questions. Closed book and closed notebook without calculators.

Lab Practical: Most questions will be from the pre-tests and post-tests. Some questions will be from my PowerPoint. **No memorization please.** Of course, if you still want to memorize, that is fine. But I do not recommend it. If you think you need to memorize something, record them in your lab notebooks and you can use your own lab notebooks in taking the Practical tests.

Pre-Lab and post-Lab tests: We will discuss these in lab. But basically you can use any resources. Even you may form a study group to prepare for the exam. But you need to answer all the questions by yourself. If some of the questions looks important, take notes of them in your lab notebooks so that you can use them when you take Lab Practical tests.

Final: All final questions will be from your quizzes with some modifications. Therefore, it is very important to study the math book every week, because it is practically impossible to learn math at the last moment. Close book and close notebooks without calculators.

6. Additional Statements

Accommodations Statement

7. TENTATIVE LAB SCHEDULE AND TOPICS

Date	Topic	Assignments
1/12	Syllabus and General Lab Introduction	
1/19	Lab 1 - Introduction to Basic Statistics Math: 85 – 92	
1/26	Lab 7 - Animal Diversity I Math: 92 – 99	Quiz 1
2/2	Lab 8 - Animal Diversity II Math: 99 – 106	Quiz 2
2/9	Lab 9 – Introduction to Animal Tissues Math: 107 – 112	Quiz 3
2/16	Lab 10 – External and Internal Anatomy of the Fetal Pig Math: 113 – 120	Quiz 4
2/23	lab 11 – Sensory Systems Math: 121 – 127	Quiz 5
3/2	Lab 12 – Cardiovascular System Math: 127 – 133	Quiz 6
3/9	Lab Practical #1 Animal Diversity and Physiology Math: 133 – 140	Quiz 7
3/16	<i>Spring Break</i>	
3/23	Lab 2 – Non-vascular plants Math: 140 – 147	Quiz 8
3/30	Lab 3 – Vascular Plants Math: 148 – 154	Quiz 9
4/6	Lab 4 – Plant cells, organs, and growth Math: 154 – 163	Quiz 10
4/13	Lab 5 - Angiosperm Development Math: 163 – 169	Quiz 11
4/20	Lab 6 – Plant Growth Math: 170 – 177	Quiz 12
4/27	Lab Practical #2 – Plant Diversity and Physiology	Final Exam Make-up quizzes

Biology 1108L Section E Pre and Post quiz schedule

All quizzes open and close at 9:00 AM of the designated date

Labs	Pre - Quiz		Post - Quiz	
	Open	Close	Open	Close
Lab 7 – Animal Diversity I	Jan 19	Jan 26	Jan 26	Feb 2
Lab 8 - Animal Diversity II	Jan 19	Feb 2	Feb 2	Feb 9
Lab 9 – Intro to Animal Tissues	Jan 19	Feb 9	Feb 9	Feb 16
Lab 10 – External and Internal Anatomy of the Fetal Pig	Jan 19	Feb 16	Feb 16	Feb 23
lab 11 – Sensory Systems	Jan 19	Feb 23	Feb 23	Mar 2
Lab 12 – Cardiovascular System	Jan 19	Mar 2	Mar 2	Mar 9
Lab 2 – Non-vascular plants	Mar 9	Mar 23	Mar 23	Mar 30
Lab – 3 Vascular plants	Mar 9	Mar 30	Mar 30	April 6

Lab 4 c 0.006 Tw 11.04 -0 0 11b2€

When you sign up, make sure you sign up for an appointment for MATH1111.
If you need further help, see me during my office hours.

Outcome

You will be well prepared with skills in Algebra and you will be ready to study Trigonometry or Precalculus. In addition, you will be better prepared to do research with me.

Important dates

January 13	Registration for spring 2022 ends (11:59pm)
January 18-21	Attendance Verification for VSU courses that begin on January 10
January 21	Attendance Verifications due at 9am
Feb 16-Mar 2	In-progress Grade Entry for full-term VSU courses
March 3	Official Midterm for spring 2022
March 3	Students View In-progress Grades
March 10	Withdrawal Deadline for full-term VSU courses
March 14-18	Spring Break (university open)
May 9	Students View Final Grades in Banner after 5pm