

BIOL 1108 Principles of Biology II

Lecture Syllabus for Lecture and **Lab Sections A, B and K

**If you are in another lab section your lab professor will have a different lab syllabus

Instructor: Dr. Theresa J. Grove

Office: BC 1099

Office hours: Tuesday and Wednesday 9:30±11:30 a.m. (or by appointment or stop)

Email: tjgrove@valdosta.edu (If you send me an email after 7:00 p.m. I may not respond until the next morning. If you send me an email over the weekend, I will respond within 24 hours.) I will infrequently check Blazevue messages and prefer to use my tjgrove@valdosta.edu account

Lecture (BC 1023): Tuesday/Thursday 8:00 a.m. ±9:15 a.m.

Lab (BC 1073): Section A Monday 9:00 a.m. ±11:50 a.m.

in plants and animals. Structure, nutrition, transport, coordination, reproduction, and development will be addressed

The primary goal of this course is to introduce structure/function relationships and physiological processes of plants and animals. This is the second introductory course, and it is expected that you are familiar with topics covered in BIOL 1107 that you can build on your foundational knowledge of biology. At the end of the semester you will be able to successfully complete higher level courses.

Learning goals include:

- x Increase your understanding of structure/function relationships in biology
- x Increase your understanding of the physiology of the major systems in plants and animals including:
 - o Structure/function relationships
 - o Nutrition
 - o Transport
 - o Movement
 - o Reproduction
 - o Development
 - o Sensory systems
- x Strengthen your ability to critically analyze scientific data and test scientific hypotheses
- x Cultivate the linkage of biology with math, physics, and chemistry

Textbooks and Other Items

- Lab Manual (Required), Great River Learning, ISBN 9781680750201, available from the bookstore or publisher at grtep.com
- Sadava et al. Life Textbook and LaunchPad (choose one, Required):
 - a) Launchpad with ebook (ISBN 9781319165444)
 - b) looseleaf textbook with LaunchPad (ISBN 9781319126193)
 - c) hardback with LaunchPad (ISBN 9781319125714)
- 3-ringed binder or folder (notebook) for lab exercises and study journal (Optional)

Attendance: Attendance in lecture and labs is required by all students. You must determine whether or not you can attend. If you miss three labs for any reason, you cannot earn higher than a D for your first course grade. You are responsible for all lab content even if you receive an excused absence. If you do miss a lab (excused or unexcused), while I am more than happy to get out the necessary specimens for you to examine the following week, some specimens may not be available, so do not assume that everything will be there.

Academic conduct:

Blazeview D2L: Take advantage of the resources on

Lecture Assignments: Lecture assignments may include take-home, in-class, or online assignments. Assignments will be worth variable points depending on the effort involved. In-class active learning activities are designed to increase participation, apply your knowledge, and introduce new concepts. In-class active learning activities will be worth 2-5 points for participating and 0 points if you miss the class. In-class active learning exercises cannot be made up. Online assignments will open and close automatically. Generally, no late assignment will be accepted once the item closes; you will be able to complete online lecture assignments even if you missed class. I will post take-home assignments on

first 4 animal labs (Lab 7, 8, 9, 10), you will be required to bring a printed copy of the lab exercises (2.5 pts) and either a printed copy of the background information or show me your electronic access to the background information (2.5 pts) for a total of 5 homework points. For the rest of the semester you should either bring hard copies or be able to view these documents on your phone, tablet, laptop computer, etc. in lab.

I will bring handouts for the first statistics lab, but I will not bring handouts for any of the later labs. If you have problems buying the manual because of slow financial aid send me an email if you are retaking the class do not buy another access code for the manual, simply email Great River Support they will give you access. Let me know if you have issues.

Lab Assignments for Sections A, B, K: Throughout the semester you will complete the following types of assignments. Online prelab assignments will be due at the start of the lab period

Lecture Grade:

- Lecture Homework (component 1): **Add up all lecture homework grades (includes study journal, in-class and takehome assignments, LaunchPad and Learning Curve assignments, and any other lecture homework), divide by the total points possible. Multiply by 100 to get a percentage. Multiply this percentage by 0.25 (25%).**
- Lecture Quizzes (component 2): **Add up quiz grades and then divide by the total points possible. Multiply by 100 to get a percentage. Multiply this percentage by 0.10 (10%).**
- Lecture Exams (component 3): **Add up all lecture exam grades and then divide by the total points possible. Multiply by 100 to get a percentage. Multiply this percentage by 0.65 (65%).**

Spring 2018 Lab Schedule for Sections A, B, and K

Lab	Date	¹ Online Pre-lab open ±close dates	¹ Online Post-lab open ±close dates
Intro to Statistics (Lab 1) Meet in computer lab Bailey Science Center Room 3018	Jan 8	None	None
MLK Holiday (no lab)	Jan 15		
Diversity Part I (Lab 7)	Jan 22	Jan 8 ±Jan 22	Jan 2