

## BIOL 1108 Principles of Biology II Lab Spring 2019 Syllabus

**Instructor:** Dr. Theresa J. Grove  
**Office:** BC 1036  
**Office hours:** Monday 1:00-3:00 and Tuesday 9:00-11:00, by appointment  
**Email:** tjgrove@valdosta.edu (I do not use on Blazevue for email)  
**Lab (BC 1073):** Wednesday 8:00-10:50a.m.

**Prerequisite:** BIOL 1107 (or the equivalent) or permission of the instructor.

**Description:** An introduction to physiological processes in plants and animals. Structure, nutrition, transport, coordination, reproduction, and development will be addressed.

**Course goals and objectives:** 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 BIOL1107 so 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:

Increase your understanding of structure-function relationships in biology

Increase your understanding of the physiology of the major systems in plants and animals including:

Structure/function relationships

Nutrition

Transport

Movement

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**do not buy another access code for the manual, simply email Great River Support and they will give you access.** Let me know if you have issues.

**Lab Assignments:** Throughout the semester students will complete the following types of assignments. Online pre-lab assignments will be due at the start of the lab period. Pre-lab assignments will be worth 0 or 2 points (0 points if not completed and 2 points if completed). In-class assignments will be described at

<b>Spring 2019 Lab Schedule (Tentative)</b>	<b>Date</b>	<b>1Online Pre-lab open – close dates</b>	<b>1Online Post-lab open – close dates</b>
Intro to Statistics (Lab 1): Meet in Bailey Science Center Room 3018	Jan 16	None	None
MLK Holiday (no lab on January 23)			
Diversity Part I (Lab 7)	Jan 30	Jan 17 – Jan 30	Jan 30 – Feb 6
Diversity Part II (Lab 8)	Feb 6	Jan 30 – Feb 6	Feb 6 – Feb 13
Animal Tissues (Lab 9) and Fetal Pig Anatomy (Lab 10)	Feb 13	Feb 6 – Feb 13	Feb 13 – Feb 20
Sensory System (Lab 11)	Feb 20	Feb 13 – Feb 20	Feb 20 – Feb 27
Cardiovascular System (Lab 12) Excretory System (Lab 13)	Feb 27	Feb 20 – Feb 27	Feb 27 – Mar 6