Lecture: Student Union, room 03216 – MW 3:30-4:45 PM
Lecture Instructor: Eric Chambers (Dr. Chambers); Office: BSC 2214 Phone: 229-249-2736
Email: ewchambers@valdosta.edu

Office Hours: Tuesdays and Thursdays @10:00 – 11:00 AM or by Appointment

Embedded Tutor: Tod Butenschon

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

Life: The Science of Biology 11th edition. If you did not opt out of the Day 1 program you should already have access to this textbook along with other digital course materials associated with the textbook (via Blazeview). The Day 1 program allows the university to negotiate an excellent

Grade Scale: For Biology majors a gradododo

- Do not move the desks—they have been positioned so as to ensure proper physical distancing
- Turn off/silence cell phones during class and lab.
- Remove headphones and earbuds while in lecture, lab, and ruing exams.
- Don't talk during lecture except during active learning exercises or asking a question
- Avoid leaving class early
- You and you alone use your clicker in class. If your clicker is found in the possession of another student both of you will lose all your clicker points for the semester!
- Do not leave lecture hall until you are dismissed

Jan. 11	Course Intro; Phylogenies	21
Jan. 13	Phylogenies/Homeostasis	21/39
Jan. 18		---
Jan. 20	Physiology and Homeostasis/Animal Hormones	39/40
Jan. 25	Animal Hormones	40
Jan. 27	Animal Reproduction	42
Feb. 1	Animal Reproduction/Neurons and Nervous System	42/44
Feb. 3	Neurons and Nervous System	44
Feb. 10	Musculoskeletal	47
Feb. 15	Musculoskeletal/Gas Exchange	47/48
Feb. 17	Gas Exchange	48
		49

Valdosta State University General Educational Outcomes (GEO)

1. Students will demonstrate understanding of the society of the United States and its ideals.
2. Students will demonstrate cross-cultural perspectives and knowledge of other societies.
3. Students will use computer and information technology when appropriate.
4. Students will express themselves clearly, logically and precisely in writing and in speaking, and they will demonstrate competence in reading and listening.
5. Students will demonstrate knowledge of scientific and mathematical principles and proficiency in laboratory practices.
6. Students will demonstrate knowledge of diverse cultural heritages in the arts, the humanities, and the social sciences.
7. Students will demonstrate the ability to analyze, to evaluate, and to make inferences from oral, written and visual materials.
8. Students will demonstrate knowledge of principles of ethics and their employment in the analysis and resolution of moral problems.
9. Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

Department of Biology Educational Outcomes (BEO)

1. Develop and test hypotheses, collect and analyze data, and present the results and conclusions in both written and oral format used in peer- reviewed journals and at scientific meetings.
2. Describe the evolutionary process responsible for biological diversity, explain the phylogenetic relationships among the other taxa of life, and provide illustrative examples.
3. Demonstrate an understanding of the cellular basis of life.
4. Relate the structure and function of DNA/RNA to the development of form and function of the organism and to heredity
5. Interpret ecological data pertaining to the behavior of the individual organism in its natural environment; to the structure and function of populations, communities, and ecosystems; and to human impacts on these systems and the environment.