

Biology 2651 Human Anatomy/Physiology I  
Biology Department, College of Arts and Sciences, Valdosta State University  
Section A (CRN 50699) (4 credit hours)  
Summer Semester 2019 ±Short Session  
Instructor - Dr. J. Mitchell Lockhart  
Office ±Biology/Chemistry Building, Room 2029

The final grade will be a combination of your final lecture score and lab score. Lecture will comprise 65% and lab will comprise 35% of your final score. The lecture final will be comprehensive and OPTIONAL. For those wishing to better their grade, this exam score will replace the lowest written exam score received during the semester.

Grade Scale 90-100 = A, 80-89 = B, 70-79 = C, 60

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.

Valdosta State University General Education Outcomes:

1. Students will demonstrate understanding of the society of the United States and its ideals They will possess the requisite knowledge of the society of the United States, its ideals, and its functions to enable them to become informed and responsible citizens. They will understand the connections between the individual and society and the roles of social institutions. They will understand the structure and operational principles of the United States government and economic system. They will understand United States history and both the historical and present role of the United States in the world.
2. Students will demonstrate cross-cultural perspectives and knowledge of other societies They will possess sufficient knowledge of various aspects of another culture, including the language, social and religious customs, aesthetic expression, geography, and intellectual and political history, to enable them to interact with individuals within that society from an informed perspective. They will possess an international viewpoint that will allow them to examine critically the culture of their own nation and to participate in global society.
3. Students will use computer and information technology when appropriate They will demonstrate knowledge of computer concepts and terminology. They will possess basic working knowledge of a computer operating system. They will be able to use at least two software packages such as word processors, spreadsheets, database management systems, or statistical packages. They will be able to find information using computer searching tools.
- 4.

8. Students will demonstrate knowledge of principles of ethics and employment in the analysis and resolution of moral problems. They will recognize and understand issues in applied ethics. They will understand their own value systems in relation to other value systems. They will judge values and practices in a variety of disciplines.

Tentative Lecture Outline - This is the order in which we will cover topics.

| TOPIC                                      | TEXT CHAPTERS |
|--|---------------|
| Introduction to the Human Body             | 1             |
| Chemical Level of Organization             | 2             |
| Cellular Level of Organization             | 3             |
| Tissue Level of Organization               | 4             |
| Integumentary System                       | 5             |
| Bone Tissue                                | 6             |
| Skeletal System: The Axial Skeleton        | 7             |
| Skeletal System: The Appendicular Skeleton | 8             |
| Articulations                              | 9             |
| Muscle Tissue                              | 10            |
| Muscular System                            | 11            |
| Nervous Tissue                             | 12            |
| Spinal Cord and Spinal Nerves              | 13            |
| Brain and Cranial Nerves                   | 14            |
| The Special Senses                         | 17            |
| Autonomic Nervous Systems                  |               |

### Tentative Laboratory Schedule

| Date      | Topic                            | Lab Manual Chapter |
|-----------|----------------------------------|--------------------|
| May 16-23 | Introduction & Microscope Basics |                    |