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n i n r a e l s P T cell-phones, beepers,
and/or associated earpieces or headphones are allowed either in the **lecture room or laboratory**. If you bring them to class, they must be turned **OFF** (**not on vibrate**) and placed **out of view**.

Students are not permitted to leave the lecture or laboratory rooms to receive messages during regular course time. My policy is not to give a warning, rather, if a cell-phone or beeper activates during lecture/laboratory or you attempt to view or send messages, **you will lose one LETTER GRADE from your final grade**. Viewing a cell-phone or pager that activates on "silent" mode during a quiz or exam will be treated as an instance of **CHEATING** and handled accordingly (**in addition to the above penalty**). Those wishing to utilize laptop computers **as part of the class** are required to sit in the first few rows of the classroom. Viewing any material other than class material will result in the same penalties above. University guidelines dictate that students missing 20% of lecture or laboratory sessions for this class are subject to receiving a grade of "F" regardless of their standing in the course.

**Students With Documented Disabilities**: Students requiring accommodations or modifications because of **documented** disabilities should discuss this need with Dr. Lockhart at the beginning of the semester. Students with disabilities who are experiencing barriers in this cau

not limited to) essay, short answer, multiple choice, fill in the blank, drawings, etc...Any questions concerning grading should be brought to the attention of the instructor **NO LATER** than one week following return of the exam. **NO make-**

**Course Outcomes:**

**Course:**

By the end of BIOL 4400, students who successfully complete the course should have:

1. Gained factual knowledge, to include anatomy/histology terminology, methods, and principles, about Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
2. Learned fundamental principles, generalizations, or theories of Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
3. Learned to apply course material (to improve thinking, problem-solving, and decisions) in Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
4. Developed specific skills, competencies and points of view needed by professional in the fields most closely related to Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
5. Acquired an interest in learning more by asking questions and seeking answers about Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)

**Department:**

1. Develop and test hypotheses, collect and analyze data, and present the results and conclusions in both written and oral formats used in peer-reviewed journals and at scientific meetings.

2. Describe the evolutionary processes responsible for biological diversity, explain the phylogenetic relationships among the major taxa of life, and provide illustrative examples.

3. Demonstrate an understanding of the cellular basis of life.

4. Relate the structure and the 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.

**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

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 tools, such as word processors, spreadsheets, database management systems, or statistical packages. They will be able to find information using computer searching tools.

4. Students will express themselves clearly, logically. and precisely in writing and in speaking, and they will demonstrate competence in reading and listening. They will display the ability to write coherently in standard English; to speak well; to read, to understand, and to interpret the content o(t)0.6 ; ( p)--( )]9 ( t)2.d[c)6.3 (8 ( i)5.1 (t63 (8 ( i)5.9 ( w)4E.3 (y)-5)4.6 (el4 (s)y i)5.1 .7 (3 (8v)n)-2s)-1.6 (e)9 (a)

**BIOL 4400 Tentative Lecture Schedule FALL 2018**

This is the order which we will go through topics:

1. Histology and Its Methods of Study
2. The Cytoplasm
3. The Cell Nucleus
4. Epithelial Tissue
5. Connective Tissue
6. Adipose Tissue
7. Cartilage
8. Bone
9. Nerve Tissue and The Nervous System
10. Muscle Tissue
11. The Circulatory System
12. Blood
13. Hemopoiesis
14. The Immune System and Lymphoid Organs
15. 15.

**BIOL 4400 Tentative Lab Schedule**
**FALL 2018**

This is the order which we will go through labs

1. Cell Structure I
2. Cell Structure II
3. Epithelium and Glands
4. Connective Tissue I
5. Connective Tissue II
6. Connective Tissue III
7. Nervous Tissue
8. Muscle
9. Cardiovascular and Lymphatic Systems
10. Hematopoietic System I: Peripheral Blood
11. Hematopoietic System II: Bone Marrow
12. Immune System I
13. Immune System II
14.