INSTRUCTOR: Michael Scott Burt       OFFICE: Room 118B, Cavness Science Bldg.
TELEPHONE: 325/486-6655       E-MAIL: scott.burt@angelo.edu
OFFICE HOURS: M 11-12, 1-3; W 10:30-12, 1-2; other times by appointment


OTHER REQUIRED MATERIAL:

All students in my lecture section will also be using a software/application product called Tophat. This service may cost a small fee, depending on whether or not you have purchased this for other courses. If you have purchased this application for another course this semester, there is no additional cost. If you have already purchased the long term contract year for another course at ASU in the recent past, there will also be no additional cost. If you have never used Tophat before, there will be three purchase options: $26 for a one semester unlimited use, $38 for annual use for 1 year, or $75 for “lifetime” use. Tophat requires everyone to have an electronic device (Smartphone, tablet, laptop, etc.) with them every day in class. TopHat will be used to take attendance, present class material, and administer quizzes.

STUDENT LEARNING OUTCOMES: Two of the many objectives for students completing Bio 2402 are:

1. Students will be able to recall the phylum level diversity of the Kingdom Animalia and recognize typical members of the major phyla.
2. Students will be able to correctly determine evolutionary relationships among groups based on interpretation of a phylogenetic tree.

METHODS OF ASSESSING STUDENT LEARNING OUTCOMES: Knowledge of Student Learning Outcomes will be assessed as multiple choice, fill-in, or discussion questions on examinations.

**TENTATIVE COURSE SCHEDULE**

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<th>WEEK</th>
<th>LECTURE TOPIC</th>
<th>TEXT CHAPTER</th>
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<tr>
<td>27 Aug</td>
<td>Introduction; characteristics of animals;</td>
<td>1, 9</td>
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<td>3 Sep</td>
<td>Reproduction and development</td>
<td>7, 8</td>
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<td>10 Sep</td>
<td>Basic evolutionary principles</td>
<td>5, 6</td>
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<td>17 Sep</td>
<td>Classification; Protozoans</td>
<td>10, 11</td>
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<td>24 Sep</td>
<td>Sponges; Exam 1 - 27 Sep</td>
<td>12, 13</td>
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<td>1 Oct</td>
<td>Radiate Animals., Flatworms</td>
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<td>8 Oct</td>
<td>Pseudocoelomates</td>
<td>15, 18</td>
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<td>15 Oct</td>
<td>Molluscs</td>
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<td>22 Oct</td>
<td>Annelids</td>
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29 Oct  Exam 2 – 30 Oct, Arthropods  19, 20
5 Nov  Arthropods  19, 20
12 Nov  Arthropods (continued)  21
19 Nov  Echinoderms; Chordates (No classes 21-23 Nov)  22, 23
26 Nov  Fishes; Amphibians; Reptiles  24, 25, 26
3 December  Birds; Mammals  27, 28

11 December (Tuesday) – 8:00 AM  LECTURE EXAM III AND COMPREHENSIVE FINAL EXAM

ATTENDANCE: Attendance in class is expected and daily attendance records will be kept for administrative purposes. Because lectures emphasize the material covered on exams, those students that miss classes usually do worse on exams and in the course than those students who attend all classes. I consider absences in excess of 3 classes to be excessive. Attendance will be checked at each class meeting via TopHat. If you show up to class late and miss the attendance code, you will be counted absent. NOTE: You are NOT automatically dropped if you stop attending class.

IN CLASS QUIZZES: There will typically be a quiz once a week given at the beginning of class over the previous lecture’s material. There will be no makeup quizzes if you are absent or late.

EXAMS AND GRADING: The course grade will be based on a combined total of 1000 possible points from the lab and lecture as follows:

- Lecture Exams I and II @ 125 pts. Each  250
- Lab practical exams (three total @ 150 pts. each  450
- In Class quizzes  100
- Lecture Exam III (75 pts.) and Comprehensive Final (125 pts)  200
- TOTAL POINTS…………………………………………………… 1000

The Comprehensive Final can also replace a lower grade on one of the first two semester lecture exams.

scale:  A = 900+ points  B = 800–899 points  C = 700–799 points  D = 600–699 points  F = <600 points

BLACKBOARD: All class presentations and grades will be posted on the course blackboard site. Get in the habit of checking the site regularly for announcements, etc.

MAKE-UP EXAMS: Make-up exams will be given only in emergency situations which preclude class attendance. Arrangements for excused make-up exams should be made prior to the scheduled date of the exam, unless it is a health emergency, in which case you should contact me by the first class following the absence. Absences from lab practicals for university sponsored events must be made up earlier or later during the same week of the exam.

DISABILITIES: Persons with disabilities that may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request and to implement academic accommodations.

RELIGIOUS HOLY DAY: A student who intends to observe a religious holy day during the semester should make that intention known in writing to the instructor during the first week of the semester and one week prior to the absence. If this submission is completed, a student who is absent from classes for the observance of a religious
holy day shall be allowed to take make up missed exams or assignments scheduled for that day in accordance with syllabus policy.

**STUDY TIPS AND COURSE RESOURCES:** Some materials for this course will be posted on [http://blackboard.angelo.edu/](http://blackboard.angelo.edu/). Visit this site periodically to look for announcements, handouts, and grades. You are expected to read the textbook and use it to supplement your lecture notes. I encourage you to talk with other students about the material in study groups. The best way to learn the material is to effectively explain it to someone else. Please talk with me if you have any questions. I would also suggest that you visit the interactive web site [www.mhhe.com/hickmanipz16e](http://www.mhhe.com/hickmanipz16e) for help with the material.

**CELL PHONE USE IN CLASS:** Cell phone use will be restricted to Tophat applications. Do not browse the web, text, etc., during class periods. If you do, you will be asked to leave.

**ACADEMIC HONESTY:** Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook. The University may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is submitted, plagiarism, and collusion. University policy on this issue is discussed in article 5.3 of the Student Handbook. My policy for cheating on an exam is to give a grade of zero on the exam and to provide your name and details of the incident to the department head. You should understand that your loss of credibility on any future (or past) work is the worst penalty for cheating.