OTHER REQUIRED MATERIAL:

All students in my lecture section will also be using a software/application product called Top Hat. 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 Top Hat before, there will be three purchase options: $28 for a one semester unlimited use, $36 for annual use for 1 year, or $75 for 4-year use. Top Hat requires everyone to have an electronic device (Smartphone, tablet, laptop, etc.) with them every day in class. Top Hat will be used to take attendance, present class material, and administer quizzes.

Students will also need a dissecting kit for the laboratory portion of the course.

STUDENT LEARNING OUTCOMES: Two of the many objectives for students completing Bio 1413 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>
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<td>JAN 22</td>
<td>Basic evolutionary principles</td>
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<td>JAN 29</td>
<td>Reproduction and development;</td>
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<td>FEB 12</td>
<td>Cnidaria</td>
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<td>FEB 19</td>
<td><strong>EXAM 1 - 21 FEB;</strong> Platychelminthes and others platypoans</td>
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<td>FEB 26</td>
<td>Platychelminthes and others platypoans (continued)</td>
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<td>MAR 5</td>
<td>Mollusks</td>
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<td>MAR 12</td>
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MAR 19  Annelids, Nematoda, and others 17, 18
MAR 26  EXAM II - 28 MAR Nematoda continued 18
APR  2  Arthropoda 19, 20
APR  9  Arthropoda, Echinoderms 21, 22
APR 16  Echinoderms (cont.) and hemichordates; Chordates-intro 22, 23, 24
APR 23  Fishes, Amphibia, Reptilia 25, 26
APR 30  Aves, Mammalia 27, 28

MAY 9 WEDNESDAY– 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 a circulated list that you must initial. NOTE: You are NOT automatically dropped if you stop attending class.

DAILY QUIZZES: On most days a quiz will be given at the beginning of class over the previous lecture’s material. There will be no makeup quizzes if you are absent or late. The lowest 3 quiz grades will be dropped.

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
- Daily 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

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 the course Blackboard site. 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.
CELL PHONE USE IN CLASS: Cell phones can be used for taking quizzes in Top Hat. Other cell phone use, including texting, are not permitted during class periods. If you text in class, 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 section B-1 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.