Fall 2014 - Zoology 430 Animal Physiology

INSTRUCTOR- Dr. Musser

CONTACT NUMBERS - Email- RO-Musser@wiu.edu. I prefer to be reached by Email, However Email requires “extra” politeness, and do not write anything on Email that you would not write on a post-card or say to me in person… I will answer my office phone promptly if I am available: 298-1096. However I am NOT likely going to return your phone call but only by Email, I am not into phone tag.

OFFICE AND OFFICE HOURS- I will be around allot preparing for class or setting up my lab, pop in and I will see what I can do to help, however my posted office hours are: Monday 8 am- 10 am; Tuesday 9 am-10 am; Wednesday 3 pm- 4 pm (office Room 358).

COURSE INFORMATION-

ZOOL 430(G) SC 61 & 62 3:00-3:50 Mon. & Wed. WAGGONER 378
LAB sect. 61 10:00-11:50am Tue. WAGGONER 366
Lab sect. 62 1:00-2:50pm Tue. WAGGONER 366

Nature and purpose- Physiology of body systems, concerning the functions of nervous, muscular, respiratory, digestive, excretory, reproductive, and endocrine systems. Writing Instruction in the Discipline (WID) course.

Prerequisites- Biol 102 and 103; one year of chemistry; Eng 280.

Goals and objectives- To develop a greater understanding of the life sciences, to develop science writing skills and develop a framework for the potential to pursue physiologically related research projects. Develop an understanding of the functions and mechanisms of the major body systems of animals.

Attendance and Academic Honesty- You are expected to attend class on time and stay for the entire class period. You will receive 5 points for every lab you attend or lose 5 points if you miss lab. You may receive one excused absence from lab, after that you will lose 5 points no matter the emergency. Labs cannot be made up.

Definition of Plagiarism

The faculty of the Department of Biological Sciences ascribes to a definition of plagiarism as expressed by V. E. McMillan in Writing Papers in the Biological Sciences (Bedford/St.Martin’s Press, New York, pg 16)

“Plagiarism is the theft of someone else’s words, work, or ideas. It includes such acts as (1) turning in a friend’s paper and saying it is yours; (2) using another person’s data or ideas without acknowledgement; (3) copying an author’s exact words and putting them in your paper without quotation marks; and (4) using wording that is very similar to that of the original source but passing it off as entirely your own even while acknowledging the source.”
This includes information in textbooks or laboratory manuals, honors and masters theses, all writing assignments, and images. The faculty of the Department attempt to monitor student writing assignments (essay exams, papers, laboratory reports, and other writing assignments or exercises) for incidence of plagiarism. If plagiarism is found, the faculty will discuss the situation with the student and indicate to the student the penalty for this academic dishonesty. Potential penalties include those cited in the academic dishonesty section of the WIU web page, http://www.wiu.edu/policies/ugdishst.shtm/

**Instructional Delivery**- The class will contain two lectures and one lab per week with the addition of arranged times for graduate projects, both lecture and lab activities are designed to support or teach content and not a separate entity. Exams will cover both lecture and lab content.

**Required Texts**-
*Any Physiology text book*

**Academic Accommodations**- In keeping with state regulations for laboratory safety you must wear approved safety goggles when it is called for in your laboratory (we will provide these), you must keep the lab space free of food and drinks, and you must dispose of all sharp instruments, glassware and chemicals in the prescribed manner. Only registered students are allowed to attend classes. Western Illinois University strives to comply with the provisions of the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. Students with disabilities requiring special accommodations must notify the instructor with documentation of this need or directly contact the Campus Disability Support Services at 298-2512 for additional services. It is imperative that you take the initiative to bring such needs to the instructor’s attention, as the instructor is not legally permitted to inquire about such particular needs of students.

**Assessment**- In order to determine whether this course is meeting its above-stated objectives, a variety of classroom assessment techniques will be used. These may include but are not limited to short answers regarding your comprehension of the material presented in class, group or individual oral reports, discussions, brainstorming, demonstrations of laboratory technique, and group or individual written reports. Exams will consist of any combination of in-class written exams, take-home exams and oral exams. Because this course fulfills a Writing Instruction in the Discipline (WID) course, I will also use assessment techniques to determine whether your skills have improved through written communication. All information in the text book and material from every class can be included on the exams. I will reserve the right to modify course direction, exam grades, retest and provide extra credit as I deem necessary for the benefit of the students. The dates that exams and reports are due will be decided during the course by the instructor with the students’ input.

**Graduate student requirements**

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<tr>
<th>Requirement</th>
<th>Points</th>
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<tr>
<td>3 or 4 exams</td>
<td>500 pts</td>
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<tr>
<td>Comprehensive Final Exam</td>
<td>200 pts</td>
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<tr>
<td>Lab Writing Assignments</td>
<td>200 pts</td>
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<tr>
<td>Lab Participation and Lab Questions</td>
<td>100 pts</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1000 pts</strong></td>
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*Note: For the first 4 exam any essay question that you make a mistake on can be corrected to for 25% points back. So if you miss 5 points, you can redo the question (open book) and receive up to 1.25 points back on your exam. Note final exam grade is permanent. You will have a
maximum of 2 weeks to make the corrections! Each of the 4 exams will be 125 pts, 100 points will come from essay questions, 25pts from multiple choice questions. Comprehensive final exam will also consist of a combination of essay and multiple choice questions.

Grades- Undergraduate student grades are calculated on a semi standard scale based on the percentage points you received in relation to total points possible (above) (A=93-100%; A- =89-92%; B+=85-88% B=81-84%; B-=78-80%; C+= 75-77%; C=71-74%;C-=68-70%;D+= 65-67%;D= 62-64%;D-=55-61; F= <55%), I am more lenient in giving C’s and D’s, you have to work for a grade of an A, B, or F in my course. Graduate student grades are also calculated on a semi standard scale (A=93-100%; B=80-92%; C=65-79%; D=55-64%; F= <55%) The student is expected to adhere to final day dateline for withdrawal and drop/add - check with Western Illinois University registrar’s office for these dates. You must have a documented outstanding reason to receive an Incomplete in this course.

Laboratory Reports- Lab Reports must be typed and follow the standard scientific format:
Abstract: A short review of the paper
Introduction: Purpose of the experiments – what questions or principles were addressed?
Materials and Methods: Cite lab manual and handouts, and describe any additions or modifications
Results: Describe the results. Paste up physiograph records (or photocopies) in the appropriate format. Include numerical results for your group and the whole class, with statistical parameters (mean, SD) as appropriate.
Discussion: Discuss results, including any differences between your group’s results and the class. Refer to the purposes stated in the Introduction. Demonstrate additional reading references for “plus” grade.
References: List references cited in the report.

Keep backup copies of your reports and exams- I make every effort not to lose your assignments. Nevertheless, it will be your responsibility to keep a backup copy of lab reports or term papers you submit. This includes any data, such as physiograph records. You may keep your backup as a computer file or a photocopy, or in any other form that would allow you to resubmit it in the unlikely event that it I misplace the original.

Below are the web sites to policy that are course will adhere too-

Department of Biological Sciences Policies: http://www.wiu.edu/biology/about/policies.shtml

Student Rights and Responsibilities: http://www.wiu.edu/provost/student/

Final Exam Policy: http://www.wiu.edu/policies/finexam.php

Academic Integrity Policy: http://www.wiu.edu/policies/acintegrity.php

Grade Appeals Policy: http://www.wiu.edu/policies/gradeapp.php