Animal Biology and Diversity

Instructor: Dr. Philip Lienesch
Office: TCNW 213, Phone: 745-6006,
e-mail: Philip.Lienesch@WKU.edu
Office Hours: Wednesday 8:00 - 11:00, and by appointment.
Meetings: TR 12:45-2:05
Meeting Room: TCNW 224

New York.

Course Description: Survey of animal phyla and major classes with emphasis upon
morphological adaptations and biological systems that have evolved to maintain organismal and
population homeostasis.

Grading: There will be 4 regular exams during the semester and a comprehensive final
(see schedule below for exam dates). Make-up exams will not be given under any
circumstance. Each regular exam during the semester will be worth 100 points and the
comprehensive final will be worth 200 points. At the end of the semester I will drop the
lowest of your 4 regular exam grades (i.e., any exam except the final). The format of
exams may include multiple choice, matching, fill in the blank, short answer and short
essay. Students must bring a scantron form 882-E to each exam. Scantron forms
are available for purchase at the student bookstore in DUC. I reserve the right to
arrange seating before, and during, exams.

Final grades are based on a percentage of the total points (500).

A = 90-100%  B = 80-89.9%  C = 70-79.9%  D = 60-69.9%  F = <60%

Important Dates:
Sept 2 – Last day to drop a course without a grade.
Oct. 14 – Last day to drop a course with a “W”.

Attendance: Attendance is mandatory. Students who attend lectures usually have a
better understanding of the subject matter and routinely score higher on exams.
Examinations will cover the material presented in lecture, some of which may not be
from your textbook. Some lecture material will be posted on blackboard prior to class.
Posted materials are designed to aid students while listening to lectures and not as a
'stand alone' resource. If you do not have Microsoft PowerPoint on your computer, click
on the link below to get a free PowerPoint viewer from Microsoft. The link will take your
computer to the Microsoft website.

Microsoft PowerPoint Viewer

Student Disability Services

http://bioweb.wku.edu/faculty/Lienesch/Bio224fall08.html

2/16/2009
In compliance with university policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Office for Student Disability Services in Downing University Center, A-200. The phone number is 270 745 5004.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

**Tutoring**

The Learning Center (TLC) (located in the Academic Advising and Retention Center, DUC-A330)

Should you require academic assistance with this course, or any other General Education Course, there are several places that can provide you with help. TLC tutors in most major undergraduate subjects and course levels throughout the week. To make an appointment, or to request a tutor for a specific class, call 745-6254 or stop by DUC A330. Log on to TLC’s website at www.wku.edu/tlc <http://www.wku.edu/tlc> to find out more. TLC hours: M-Thur. 8am-9pm, Fri. 8am-4pm, Sat.-Closed, and Sundays 4pm-9pm.

**Academic Dishonesty**

"Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the course work in which the act is detected or a failing grade in a course without possibility of withdrawal. The faculty member may also present the case to the Office of the Dean of Student Life for disciplinary sanctions. A student who believes a faculty member has dealt unfairly with him/her in a course involving academic dishonesty may seek relief through the Student Complaint Procedure." – WKU Student Handbook

**Tentative Lecture Schedule** – subject to change at the instructor discretion.

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture Topic</th>
<th>Chapter</th>
<th>Animal group - chapter</th>
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</thead>
<tbody>
<tr>
<td>Aug 26</td>
<td>Introduction – review</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Animal Body plan</td>
<td>9</td>
<td>Porifera - 12</td>
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<tr>
<td>Sept 2</td>
<td>Animal Body Plan</td>
<td>9</td>
<td>Cnidaria -13</td>
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<tr>
<td>4</td>
<td>Tissues</td>
<td>9</td>
<td>Platyhelminthes -14</td>
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<tr>
<td>9</td>
<td>Tissues</td>
<td>9</td>
<td>Mollusca -16</td>
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<tr>
<td>11</td>
<td>Tissues</td>
<td>9</td>
<td>Annelida -17</td>
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<tr>
<td>16</td>
<td>Exam 1</td>
<td></td>
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<tr>
<td>18</td>
<td>Reproduction</td>
<td>7</td>
<td>Nematodes -18</td>
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<tr>
<td>23</td>
<td>Development</td>
<td>8</td>
<td>Arthropoda - 19,20,21</td>
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<tr>
<td>25</td>
<td>Skeleton</td>
<td>29</td>
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<tr>
<td>Oct 2</td>
<td>Fall Break - No Class</td>
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http://bioweb.wku.edu/faculty/Lienesch/Bio224fall08.html 2/16/2009
7 Muscle 29
9 Exam 2
14 Respiration 31
16 Circulation 31
21 Circulation (cont.)
23 Neurons 33 Echinoderms - 22
28 Nervous system 33 Chordate evolution - 23
30 Exam 3
Nov 4 Presidential Election - no class
6 Sensory organs 33 Fishes - 24
11 Immune System 35
13 Digestion 32 Amphibians - 25
18 Reptiles - 26
20 Homeostasis
25 Exam 4 30 Aves - 27
27 Thanksgiving Break
Dec 2 Homeostasis (cont.) 30 Mammals - 28
4 finish up and review
9 10:30 AM - Final Exam

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