BIOL 351: Physiology I LAB  
(FALL 2015)

I. Instructor and Course Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>Dean Wilkinson DVM</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA</td>
<td>Danielle Turner <a href="mailto:dturne00@nmt.edu">dturne00@nmt.edu</a></td>
</tr>
<tr>
<td>Class Location:</td>
<td></td>
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<tr>
<td>Class Days/Times:</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>2:00-4:30pm</td>
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<tr>
<td>Office Location:</td>
<td></td>
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<tr>
<td>Office Hours:</td>
<td>By appointment</td>
</tr>
<tr>
<td>Phone:</td>
<td>835-5612</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:deanw@nmt.edu">deanw@nmt.edu</a></td>
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II. Course Description

BIOL 351, Physiology I, 3 cr, 3 cl hrs.  
Prerequisites: BIOL 112; 331  
This semester will introduce terms, principles and mechanisms of vertebrate function, emphasizing mammalian systems, includes membranes, receptors, and body system anatomy and physiology. This semester will be a bit more comparative anatomy and physiology oriented than normal. The lab will be somewhat of a self-paced anatomy based course using the cat as a study tool. The schedule will follow the lectures schedule as close as possible. The basic plan for the lab is to use the cat dissection to identify a list of anatomical structures with a lab quiz over the previous lab structures at every lab. Hopefully there will be the opportunity to do some necropsy and lab presentation of clinical cases as they become available.

III. Learning Objective

To become familiar with basic understanding of the physiology and anatomy associated with the skeletal system, Muscular system, Nervous system, Cardiovascular system, and reproductive system as well as basic anatomic and physiologic terminology

IV. Textbook and Materials

Laboratory Manual for Anatomy and Physiology Michael G. Wood 5th edition/cat version  
Visual Anatomy & Physiology, Martini, Ober & Nath, 1st edition  
Helpful/interesting reference DVM 360, iPad, iPhones app, $10.00, Anatomy and Physiology of Farm Animals Franson
Suggested Supplies:
Pencils & Pens
Paper
Highlighter
3-ring binder
Hole punch

V. Grading

I’ll be using the following grading scale: See point sheet

<table>
<thead>
<tr>
<th>Number</th>
<th>&gt;92</th>
<th>90-91</th>
<th>87-89</th>
<th>83-86</th>
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<th>73-76</th>
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<tbody>
<tr>
<td>Letter</td>
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<td>A-</td>
<td>B+</td>
<td>B</td>
<td>B-</td>
<td>C+</td>
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<td>C-</td>
<td>D+</td>
<td>D</td>
<td>D-</td>
<td>F</td>
</tr>
</tbody>
</table>

Exams: Exams may be composed of one or more of the following: multiple choice, true/false, matching, short essay and labeling questions.

Homework, quizzes, etc.: Homework is based on the readings in the textbook and may be composed of one or more of the following: multiple choice, true/false, matching, short essay and labeling questions. Quizzes are based on lecture material. They will be given at the beginning of class so be on time because there will be no make-up quizzes allowed. Since no lab is offered, we will try to get time for viewing histopathology slides and possibly some clinical case presentations. For at least one system, we will work in small groups on one or more case studies during class and then report on your findings.

Final Exam: The Final Exam will be cumulative. The Final Exam may be composed of one or more of the following: multiple choices, short answer labeling questions.

VI. Attendance

What if I miss a class?
Attendance is vital to passing this course! I understand, though, that life happens, and we sometimes have to miss class because of unforeseen circumstances. If you do miss class, you need to (1) contact me about missing class and (2) get as caught up as possible before returning to class. You cannot simply wait and come back to class asking “What did we do when I was absent?” You are responsible for what you missed, including assignments and any information, written or verbal, that I gave during class. Some things, like the case study or lab, cannot be made up due to the nature of the assignment. Quizzes cannot be made up.

What if I miss an exam?
If you miss an exam, exams missed can be made up provided that all of the following conditions are met:
1. You notify me in person or email within 12 hours of the time of your absence.
2. You have an excuse/circumstances deemed reasonable by me and documentation is provided
   Within a reasonable amount of time (doctor’s note, etc.) if warranted.
3. You make up the exam before the next class period.

VII. Classroom Civility
Students are expected to contribute to a classroom environment that is respectful and conducive
to learning. Inappropriate behavior in the classroom may result in a request to leave class and
possible referral to the Dean of Students.

VIII. Electronic Devices in Classes and Labs
Cell phones must be turned OFF or put on SILENT (VIBRATE) during class. You may be
allowed to keep it on vibrate during class if you are expecting an important phone call but you
must notify me before class begins. Electronic entertainment devices are to be turned off and
headphones/ear buds removed. Do not text during class. Abuse of this policy may lead to a
request to leave class and/or disciplinary action. Use of electronic devices during exams will be
considered possible methods of cheating so do not take out or use any kind of electronic device
during exams.

Cell phone must be on vibrate during class so campus emergency alerts can be received by the
class as a whole. This is the only circumstance that you should be checking your cell phone
during class and most especially during an exam. Sign up for emergency notification through
this web site: http://www.nmt.edu/cat-campus-police/4002-emergency-notification-system. Cell
phones must be put away and out of sight, do not leave class to answer your phone.

IX. Honor Code
Those of you going to Vet School will operate under an honor code system most likely.
Therefore I would like to introduce the principle here. Basically that means cheating in
any form or fashion is not tolerated. It is up to you to be responsible and honest enough to
assure that you and your fellow classmates are not cheating on any assignments or exams.
Respect of fellow students, teachers, guests, time, materials, and personal items will be
expected. You should all know right from wrong and be responsible enough to remain
honest and courteous. If you are caught or questioned the appropriate administrative
faculty members will be notified immediately.

Counseling and Disability Services
Reasonable Accommodations: New Mexico Tech is committed to protecting the rights of individuals
with disabilities. Qualified individuals who require reasonable accommodations are invited to make
their needs known to the Office of Counseling and Disability Services (OCDS) as soon as possible. In
addition, New Mexico Tech offers mental health and substance abuse counseling through the Office of
Counseling and Disability Services. The confidential services are provided free of charge by licensed
professionals. To schedule an appointment, please call 835-6619.

Academic Honesty: New Mexico Tech’s Academic Honesty Policy can be found starting on page 59 of
the NMT catalog, http://www.nmt.edu/images/stories/registrar/pdfs/2013-
2014_UNDERGRADUATE_Catalog_FINAL.pdf
You are responsible for knowing, understanding, and following this policy.