

HUMAN ANATOMY&PHYSIOLOGY I Lab, BIO 208L

Room SC 225

SYLLABUS / LABORATORY SCHEDULE, Spring 2016

Students enrolled in Biology 208 Lab must also be enrolled in, and attending, Biology 208 Lecture

***Please note!*

- 1. Proper attire is required in the laboratory at all times. No flip-flops, open-toe shoes or shorts/ short skirts are permitted for safety reasons.*
- 2. It is strictly forbidden to bring food or drinks into the Lab.*
- 3. It is strictly forbidden to take any photos or videos of cadavers, or bring any cell phones or other electronic devices into the Cadaver Room.*

<u>DATE</u>	<u>TOPIC</u>	<u>EXERCISE #</u>
Jan 14-15	Introduction, Membrane Transport and Osmosis	Preface, 5
Jan 21-22	Introduction to Microscopes, Mitosis	4
Jan 28-29	Tissues I	6
Feb 4-5	Tissues II	7
Feb 11-12	Laboratory Exam I	4, 5, 6, 7
Feb 18-19	Skeletal System I	1, 2
Feb 25-26	Skeletal System I & II	3
Mar 3-4	Muscular System I, Muscles 1 - 38	8, 9
Mar 10-11	Spring break!!!	
Mar 17-18	Muscular System II, Muscles 39 - 61	8, 9
Mar 21	Last Day to drop with a 'W'	
Mar 24-25	Review week (Instructors on site)	
Mar 31-Apr 1	Laboratory Exam II	1,2,3,8,9
Apr 7-8	Central Nervous System	10
Apr 14-15	Peripheral Nervous System	11
Apr 21-22	Special Senses	12
Apr 28-29	Laboratory Exam III (Final)	10-12

**** We reserve the right to modify the terms of this syllabus, if changing circumstances require it. ****

REQUIRED Lab Manual

Human Anatomy and Physiology. A Laboratory Manual, Third Edition, by R. Richmond et al.,
Van Griner Publishing, Cincinnati, Ohio, 2013. ISBN: 9781617402739
(Recommended; VANDEGRAF'S PHOTO.ATLAS F/ANAT+PHYS.LAB 9781617312779)
(Recommended; Barcharts Skeletal Anatomy Guide 978142322781)

*******PLEASE CAREFULLY NOTE THE POLICIES BELOW*******

1. **The lab grade average will be 1/3 of your total grade for Bio 208.** There are three 100 point exams given throughout the semester (50 questions from 25 stations).
2. **You must pass both the laboratory and lecture with an average of 60% or better,** or you will fail the entire course, and will need to repeat both lab and lecture.
3. **You must correctly spell the words** on your lab exam. One point will be subtracted for every 4 words incorrectly spelled.
4. **Missing a Lab exam**
*****Please note: There are NO makeup exams, and no exam score will be dropped once it has been taken.*****

You must provide proper documentation for any missed exam. Being unprepared is not an acceptable excuse. If you must miss an exam at your assigned Lab time, for a valid, documented reason, you must get written permission from Dr. Scola (scolam@nku.edu), your Lab instructor, and the Lab instructor with whom you will take the exam at another time that same week. If you cannot take the exam that week, for a valid documented reason, you may take a temporary 'incomplete', and make up that exam the next semester the course is offered.

Students who miss ANY exam WITHOUT a documented absence will receive a ZERO for that exam.

5. **BIO 208 web site for review material:** <http://www.nku.edu/~dempseyd>
This website provides study materials for each laboratory exercise. In addition, your instructor may use Blackboard to supplement and outline the materials.
6. **Cadaver work:** Please be aware that during this course you will be required to study structures on a cadaver. Please note that it is **strictly forbidden to take photos of the cadaver, or bring ANY electronic devices such as cell phones into the Cadaver Room/Prosectorium.**
7. **"Lab Open Hours"** are provided to allow you and your study group study time in the Lab outside class time (see schedule to fill in below). During Open Hours there will **not** be an instructor in the Lab. Remember that ultimately success in this course is directly proportional to the effort and amount of time you spend studying the material. You should expect to study 6-9 hours each week.
8. **Students requiring special accommodations** (academic adjustments, auxiliary aids or services) for this course must register with the [Disability Services Office](#). Please contact the Disability Service Office immediately in the Student Union, Suite 303 or call (859) 572-5401 for more information. Verification of your disability is required in the DSO for you to receive reasonable academic accommodation. Visit their [website](#).

Lab Instructor:
E-mail:
Office Hours:

Phone:
Office:

Lab Open Hours: 7am – 10am, Monday
7am – Noon, Tuesday

Please note!!!! **During exam week Mon only - NO Open Hours on Tues!!!!**

CATALOG DESCRIPTION

BIO 208L Human Anatomy and Physiology I: Laboratory (0,2,0) Laboratory to accompany BIO 208. Gross and microscopic morphology and application of physiological principles. A general education course (natural sciences).
COREQ: BIO 208.

COURSE SCOPE AND OBJECTIVES

This laboratory course is designed to accompany the BIO 208 lecture course. It is designed to supplement and reinforce the information learned in lecture, and develop some of the skills necessary to work in the field of biology or medicine.

This Lab course includes opportunities for students to work effectively in collaboration with others, normally in groups of 4.

STUDENT LEARNING OUTCOMES

Upon completion of the course the student will be able to :

- Use and spell correctly basic medical and biological terms.
- Identify and name indicated human body parts including but not limited to cells, tissues, bones, muscles, and nervous system structures.
- Effectively use models, microscopes, and cadavers to identify various body parts.
- Apply the physiological principles learned to analyze and evaluate selected diagnostic procedures and disease conditions.

COURSE REQUIREMENTS

Reading the exercises **before** coming to lab.

Completing the Lab exercises.

Attending both lecture and lab regularly.

Taking all exams.

ASSESSMENT

There will be 3 written exams each composed of 50 short answer questions. Each exam is worth 100 points. The Lab grade will count as 1/3 of your total grade for Bio 208. The exams will assess the ability to correctly use and spell basic medical and biological terminology, to name gross and microscopic structures, and to comprehend and evaluate results of experimental procedures studied.

GRADING SCALE

Each of the three Lab Exams is worth 100 points. Note that 1 POINT WILL BE SUBTRACTED FOR EVERY 4 WORDS INCORRECTLY SPELLED. The lab grade counts as 1/3 of your total course grade.

Please note that YOU MUST PASS THE LABORATORY WITH AN AVERAGE OF 60% OR BETTER OR YOU WILL FAIL THE ENTIRE COURSE, AND WILL NEED TO TAKE BOTH LAB AND LECTURE AGAIN

93 – 100 % = A	90 - 92% = A-	
87 – 89% = B+	83 – 86 % = B	80 – 82% = B-
77 – 79% = C+	73 – 76 % = C	70 – 72% = C-
67 – 69% = D+	60 – 66 % = D	0-59 % = F

ACADEMIC DISHONESTY

Please note the Policies of the Department of Biological Sciences, the University Honor Code, and the Code of Student Rights and Responsibilities:

"The work you will do in this course is subject to the Student Honor Code. The Honor Code is a commitment to the highest degree of ethical integrity in academic conduct, a commitment that, individually and collectively, the students of Northern Kentucky University will not lie, cheat, or plagiarize to gain an academic advantage over fellow students or avoid academic requirements."

Any such acts or attempts to engage in such acts may result in penalties that range from grade penalties (including lowering a student's semester grade or failing a student for the course) to disciplinary action from the University's Honor Council (see the University Honor Code):

In addition, note that disruptive and abusive behavior in the classroom will not be tolerated, and may result in being asked to leave the classroom, and filing a report with the Dean of Students, and assistance by the Campus Police, if deemed necessary!

For further information please see the links below:

[UNIVERSITY HONOR CODE](#)

[Code of Student Rights and Responsibilities](#)

UNIVERSITY POLICY ON ATTENDANCE DURING THE FIRST THREE WEEKS: During the first three weeks of any class at NKU faculty are required to monitor the attendance of students. Student who have not attended or have attended only sporadically may be dropped from the course without further notice.

This policy is tied to federal funding. NKU as recipient of the funds is required to make sure that the funded student attends class.

Understandably, the government wants to recover the money it gives to students who don't use it. But equally important is that studies about the retention and ultimate success of students show that the first three weeks of classes are crucial. Non-attendance at this crucial stage of the course is a recipe for failure. NKU wants students to succeed.

UNIVERSITY POLICY ON INCOMPLETES

According to University policy, a grade of "I" (Incomplete) can only be given if requested by the student, and there is a reasonable expectation that the work will be successfully completed in a timely manner. Documentation, usually of a medical nature, is required of the student to show that this time extension is not unfairly being offered to one student when other students may have wished to have one as well. In other words, it is unfair to offer a break to one student that could not be offered to all.

If you have a justification that you can document for requesting an "Incomplete" and we approve to it, you must make up the exam before the mid-term of the next semester (see the academic calendar for next semester for the exact date). It will be the responsibility of **the student** to complete the necessary work by the deadline. Be aware that failure to complete all course requirements will result in the "I" grade changing to an F. This may be your only notification. Students on financial aid should also know that requesting an incomplete may affect financial aid applications because an "I" does not count as credit hours completed. Some continued financial aid is contingent upon completing a certain number of credit hours each semester, with a certain time to remain eligible.

COURSE EVALUATIONS

Students will have the opportunity to complete course evaluation forms before the final exam period.

ADDITIONAL STUDENT ASSISTANCE

Free peer tutoring. All students can benefit from assistance at some point during college. Take advantage of this great resource! The Learning Assistance Center is located in UC, Room 170. For more information, call 572-5475. (Note: If you anticipate having some difficulty keeping up with the course material go early in the semester - don't wait.)

Counseling Center. Topics covered in this class may be troubling to some of you, and it may be helpful to seek support if you have concerns about yourself or others. **Free and confidential** counseling is provided to NKU students. Call 572-5650 for an appointment, or stop by UC 320.

Bio 208 Lab coordinator: Michael Scola, DPM
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