

## HUMAN ANATOMY and PHYSIOLOGY I - BIO 208 Fall 2002

**Instructor:** Dr. Richard Durtsche  
SC 148  
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**Lectures:** 4:45 - 6:00 PM T, Th  
New Natural Sciences Room 201

**Office Hours:** T, Th 4:00-5:30 PM, or by appointment

**Textbook:** Human Anatomy and Physiology, 5th ed., Elaine N. Marieb, Addison, Wesley, and Longman, 2001.

Handouts will also be made available through my website (<http://www.nku.edu/~durtsche>) or through BlackBoard (NKU's On-Line Learning Software Platform available through the NKU Homepage under Online Learning or at <http://learnonline.nku.edu> ).

### COURSE DESCRIPTION

**Prerequisite:** Composite ACT of 19, or any college biology or chemistry course with a grade of C or better. BIO 208L is a corequisite. This course may not be applied for biology major or minor credit.

This course will help students identify and understand the function of several important vertebrate organ systems and how these systems maintain homeostasis. The topics covered during this semester will begin with basic chemistry and will move from cells through tissues and into organ systems, including the integument, skeletal, muscle, and nervous systems. With a strong foundation built on the principles learned in the first portion of the semester, we will explore the structural and functional components of these organ systems and learn how they often work in concert to respond to internal or external changes.

### STUDY AIDS AND TECHNIQUES

Success in the course is directly proportional to the effort and amount of time spent reading course material and studying. You should adopt a study schedule that allows for three hours of study for each hour of lecture. Textbook reading assignments are important and should be completed prior to lecture. The textbook also includes study aids. Each chapter has a summary and a list of review questions. Working through the handouts from BlackBoard will also help your understanding of the materials.

### GRADING

There will be three (3) exams during the term and a comprehensive final exam. Each exam will have 50 multiple choice questions and be worth 100 points. Examinations will include materials from lectures and textbook readings. You will receive a combined lecture and laboratory grade for the course. The lecture grade will count 2/3 and the lab grade will count 1/3 of the overall grade. Your lab instructor will give you more details about the laboratory at your first meeting. Also be advised that you must pass the lab to pass the course.

<b>Grading Scale:</b>	90 – 100	= A
	80 – 89	= B
	70 – 79	= C
	60 – 69	= D
	< 60	= F

### MISSED EXAMINATIONS OR QUIZZES

There will be *no make-up examinations*. If you miss an examination for medical reasons, please give the instructor a written statement to that effect signed by the attending physician. If you missed an examination for non-medical emergency, submit to the instructor the appropriate written documentation of the emergency. If the instructor decides it was a real emergency, the missed examination will not count for or against you. For the missed examination, you will receive a score that corresponds to the percentage score achieved from the section representing that material on the final examination. **Excuses will be accepted only up to one week following the missed examination.**

## **ACADEMIC DISHONESTY**

According to 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: <http://www.nku.edu/~deanstudents/HonorCode.htm>; and the Code of Student Rights and Responsibilities: <http://www.nku.edu/~deanstudents/Rights-Contents.htm>).

## **CELL PHONES AND BEEPERS**

Please turn off all cell phones and beepers when coming to class. Better yet, leave them out of the classroom. This is a common courtesy folks. Classroom distractions such as this only disrupt the flow of learning and the delivery of subject information.

## **TOBACCO PRODUCTS**

No tobacco products of any type (cigarettes, snuff, chewing tobacco, etc.) are allowed in or during class. Another courtesy.

## **A note for students with disabilities:**

If you have a disability that may prevent you from fully demonstrating your abilities, you are encouraged to contact the Services for Students with Disabilities Office (572-5180). Also, please contact me as soon as possible to discuss any accommodations that might be necessary to ensure your full participation and to facilitate your educational opportunities.

## **TENTATIVE EXAM SCHEDULE**

Tuesday,	<b>Sept. 26</b>	- EXAM 1
Thursday,	<b>Oct. 24</b>	- EXAM 2
Thursday,	<b>Nov. 19</b>	- EXAM 3
Thursday,	<b>Dec. 12</b>	- FINAL EXAM 4:30 – 6:30 pm

Remember, it is your responsibility to attend class, study, and fully understand the material presented in this course! An outline of topics to be covered is given below.

**## Note:** You should be currently enrolled in BIO 208 L – the Anatomy and Physiology Laboratory, and you will have to pass this lab to pass the course.##

**\*\*\*Note:** This syllabus is tentative and is subject to change at the discretion of the instructor.\*\*\*

HUMAN ANATOMY AND PHYSIOLOGY I – TENTATIVE LECTURE SCHEDULE

<b>WEEK</b>	<b>DATES</b>	<b>TOPIC</b>	<b>READING (<i>Before class</i>)</b>
1	Aug 20, 22	Introduction, Chemistry review	Chapters 1, 2
2	Aug 27, 29	Chemistry review, Biochemicals	Chapter 2
3	Sep 3, 5	Biochemicals, Cells	Chapters 2, 3
4	Sep 10, 12	Cells, Tissues	Chapters 3, 4
5	Sep 17, 19	Tissues	Chapter 4
6	Sep 24, 26	Integumentary System, <b>Exam 1</b>	Chapter 5
7	Oct 1, 3	Bone tissue, Skeletal structure,	Chapters 6, 7
8	Oct 8, 10	Joints, Muscle function	Chapters 8, 9
9	Oct 15, 17	FALL BREAK, Muscle function	Chapter 10
10	Oct 22, 24	Neurons <b>Exam 2</b>	Chapter 11
11	Oct 29, 31	Synapses	Chapter 11
12	Nov 5, 7	Central Nervous System	Chapter 12
13	Nov 12, 14	Peripheral & Autonomic Nervous System	Chapter 13, 14
14	Nov 19, 21	<b>Exam 3</b> , Neural Integration	Chapters 15
15	Nov 26, 28	Sensory Systems THANKSGIVING BREAK	Chapters 15, 16
16	Dec 3, 5	Sensory Systems	Chapter 16
17	Dec 12	<b>Comprehensive FINAL EXAM</b> (Thurs., 4:30 – 6:30 PM, NS533)	

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