

## HUMAN ANATOMY and PHYSIOLOGY II - BIO 209 Spring 2001

**Instructor:** Dr. Richard Durtsche  
NS 506  
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**Lectures:** 04:30 - 05:45 PM T, Th  
Natural Sciences Room 533

**Office Hours:** W 09:00-11:00 AM; Th 12:00-2:00 PM, or by appointment

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

A booklet of handouts will also be available from the NKU bookstore (bring this to class with you).

### COURSE DESCRIPTION

**Prerequisite:** BIO 208.

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. Topics and the mechanisms involving hormones, circulation, digestion, metabolism, filtration, reproduction, and respiration will receive the most emphasis. You should gain a knowledge of how organ systems alter themselves in a functional response to perturbations of the internal or external environment. Moreover, you will learn how systems can interact with each other to increase the probability of survival or reproductive fitness, or to cause health problems.

### 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 booklet of handouts will also help your understanding of the materials. Bring this booklet to class with you.

### 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.

<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**

Academic misconduct includes cheating (using unauthorized materials, information, or study guides), plagiarism, falsification of records, unauthorized possession of examinations, intimidation, and any other action that may improperly affect the evaluation of your performance. It also includes assisting others in any such acts or attempts to engage in such acts. Penalties may range from grade penalties (including lowering a student's semester grade, failing a student for the course, or requiring a substitute exam or paper) to disciplinary action from the University's Academic Misconduct Board.

### **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>Feb. 13</b>	- EXAM 1
Thursday,	<b>Mar. 22</b>	- EXAM 2
Thursday,	<b>Apr. 12</b>	- EXAM 3
Thursday,	<b>May 3</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.

HUMAN ANATOMY AND PHYSIOLOGY II – TENTATIVE LECTURE SCHEDULE

<b>WEEK</b>	<b>DATES</b>	<b>TOPIC</b>	<b>READING (<i>Before class</i>)</b>
1	Jan 9, 11	Endocrine System	Chapter 17
2	Jan 16,18	Endocrine System	Chapter 17
3	Jan 23, 25	Blood	Chapter 18
4	Jan 30-Feb 1	Heart	Chapter 19
5	Feb 6, 8	Blood Vessels	Chapter 20
6	Feb 13,15	C–V System Regulation	Chapter 20
7	Feb 20,22	Lymphatic System	Chapter 21
8	Feb 27-Mar 1	Defense System	Chapter 22
9	Mar 6, 8	Respiratory System	Chapter 23
10	Mar 13, 15	SPRING BREAK	
11	Mar 20, 22	Digestive System	Chapter 24
12	Mar 27, 29	Metabolism	Chapter 25
13	Apr 3, 5	Urinary System	Chapter 26
14	Apr 10, 12	Urinary System	Chapter 27
15	Apr 17, 19	Reproduction	Chapter 28
16	Apr 24, 26	Development	Chapter 29
17	May 3	FINAL EXAM (Thurs., 4:30 PM, NS533)	

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