

February 19, 2004

MEMORANDUM

TO: David S. Watt, Ph.D., Chair
Academic Council for the Medical Center
Deans, Department Chairs and Members of the University Senate

FROM: Emery A. Wilson, M.D.
Dean and Associate Vice President for Clinical Services

RE: New Course Application(s)

The Faculty Council of the College of Medicine has approved and submits for your consideration and approval the following new course application(s):

ANA 109 – Anatomy & Physiology for Nursing I

Description: Basic anatomy and physiology integrated to prepare freshmen students for nursing.

Justification: To prepare freshmen students for admission to the College of Nursing.

ANA 110 – Anatomy & Physiology for Nursing II

Description: Basic anatomy and physiology integrated to prepare freshmen students for nursing.

Justification: To prepare freshmen students for admission to the College of Nursing – Part 2.

APPLICATION FOR NEW COURSE

1. Submitted by College of _____ Date _____
Department/Division offering course _____

2. Proposed designation and Bulletin description of this course

a. Prefix and Number _____ b. Title* _____

*NOTE: If the title is longer than 24 characters (including spaces), write
A sensible title (not exceeding 24 characters) for use on transcripts _____

c. Lecture/Discussion hours per week _____ d. Laboratory hours per week _____

e. Studio hours per week _____ f. Credits _____

g. Course description

h. Prerequisites (if any)

i. May be repeated to a maximum of _____ (if applicable)

4. To be cross-listed as

Prefix and Number

Signature, Chairman, cross-listing department

5. Effective Date _____ (semester and year)

6. Course to be offered Fall Spring Summer

7. Will the course be offered each year? Yes No
(Explain if not annually)

8. Why is this course needed?

9. a. By whom will the course be taught? _____

b. Are facilities for teaching the course now available? Yes No
If not, what plans have been made for providing them?

APPLICATION FOR NEW COURSE

10. What enrollment may be reasonably anticipated? _____

11. Will this course serve students in the Department primarily? Yes No

Will it be of service to a significant number of students outside the Department?
If so, explain. Yes No

Will the course serve as a University Studies Program course? Yes No

If yes, under what Area? _____

12. Check the category most applicable to this course

traditional; offered in corresponding departments elsewhere;

relatively new, now being widely established

not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? Yes No

14. Is this course part of a proposed new program:
If yes, which? Yes No

15. Will adding this course change the degree requirements in one or more programs? *
If yes, explain the change(s) below Yes No

16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

17. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

18. Within the Department, who should be contacted for further information about the proposed course?

Name _____ Phone Extension _____

*NOTE: Approval of this course will constitute approval of the program change unless other program modifications are proposed.

APPLICATION FOR NEW COURSE

Signatures of Approval:

Department Chair	Date
Dean of the College	Date
*Undergraduate Council	Date
*University Studies	Date
*Graduate Council	Date
*Academic Council for the Medical Center	Date
*Senate Council (Chair)	Date of Notice to University Senate

*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL

**University of Kentucky
Anatomy and Physiology**

FALL 2004

SYLLABUS AND COURSE OBJECTIVES

Course Prefix:	ANA 109	T and TH
Sections:	001	8-9:15
Course Title:	Human Anatomy and Physiology	
Credit Hours:	3	
Prerequisites:	Must be a pre-nursing or nursing student	
Department:	University of Kentucky College of Medicine Department of Anatomy and Neurobiology	
Instructor:	Pamela Stein, D.M.D.	
Office Hours	By appointment – please email for an appointment	
Office Address	MS 208 B Chandler Medical Center	
Phone	323-5591	
Email Address	pam.stein@uky.edu	
Course Website	http://webteach.mccs.uky.edu/Anatomy109/	

University of Kentucky
Equal Opportunity Institutions

COURSE DESCRIPTION:

This is the first of two anatomy and physiology courses that focus on the interrelationship of structure and function of each body system. In this course basic chemistry, cell structure, cell physiology, metabolism, tissues and integumentary, skeletal, muscular and nervous systems will be covered.

Course Objectives

1. To examine the gross anatomical arrangement of the human body in a system by system format.
2. To relate the structure of the system to the physiology or function of the system.
3. To examine both the anatomy and physiology of the human body at multiple levels, including cellular, tissue and organ systems.
4. To provide clinical correlations of human anatomy and physiology as it relates to nursing.
5. To provide a comprehensive undergraduate anatomy and physiology course which will provide a solid foundation for successful completion of further courses in nursing.

INSTRUCTIONAL MATERIALS:

Required Textbooks:

1. **Hole's Human Anatomy and Physiology** (Tenth edition)
(packaged with MediaPhys and Clinical Resource CDs)

Authors: Shier, Butler, Lewis
2. **Class Notes** on sale at UK Book Store – Look for my name on notes

Optional Book:

1. **Study Guide for Hole's**

Required Material:

1. #2 lead pencils for exams, colored pencils, highlighter

Optional Material:

1. Small cassette tape recorder to record lectures

STUDENT CONDUCT:

All rules and regulations set forth in the current edition of the *Student Rights and Responsibilities* will be followed in this course. It is the student's responsibility to obtain a copy of this publication from the web (<http://www.uky.edu/StudentAffairs/Code/>).

Cell phones and/or beepers are to be turned off prior to class. These are very disruptive and I reserve the option of deducting points from the student's next exam if the phone/beeper rings or beeps during class.

Please be respectful and **DO NOT talk during lecture.** You will not learn the material if you are talking and it is disruptive to your fellow classmates. If you have a question or a comment about the lecture material please raise your hand.

CLASS ATTENDANCE:

Class attendance is **mandatory**. It will be very difficult (almost impossible) to pass this course if you fail to come to class.

Attendance at all exams is mandatory unless a valid excuse is presented for being absent (see rules below). Essay make-up exams will be arranged for students with valid excuses. A valid excuse must be in compliance with the University Senate rule on excused absences. Briefly they are:

1. Illness of the student or serious illness of a member of the student's immediate family. A note from the Health Service stating you visited or were treated there is not appropriate verification. The physician's name must be presented along with permission to contact that individual to verify you were too ill to take the exam.
2. The death of a member of the student's immediate family. Appropriate verification will be requested.
3. Trips for member of student organizations sponsored by an academic unit, trips for university classes and trips for participation in intercollegiate athletic events. When feasible the student must notify the instructor prior to the occurrence of the absences. In no case will such notification occur more than one week after the absence. Formal notification from appropriate university personnel will be required.
4. Major religious holidays. Students are responsible for notifying the instructor in writing of anticipated absences due to observance of such holidays.

If a student misses an exam for any reason, he/she must contact my office within 3 days of the originally scheduled exam. Please leave your name, section number, and reason for missing the test on my voicemail or email.

ADDITIONAL PROCEDURES:

Cheating will absolutely NOT be tolerated! If you are caught cheating you will be given an "E" for the assignment or exam.

If a student has questions on cheating or policies concerning cheating he/she should refer to the current edition of *Student Rights and Responsibilities*.

Course content may be modified as required at my discretion (eg. change of pace, addition/omission of chapters, change in number of exams).

COURSE EVALUATION:

Your grade will be based on the following:

1. There will be 4 regular exams given during the semester. Each exam is worth 100 points. Each exam will be worth 25% of your grade.
2. Exams will not be returned but will be available in my office for review. Students are strongly encouraged to meet with me after each exam to review material that was missed on that exam.
3. Exam scores will be posted outside of the classroom and on the class website as soon as the grades become available from the grading center.
4. Exams will be multiple formats, consisting of multiple choice, true/false, matching, diagram labeling and fill in the blank.
5. The final exam is comprehensive only in as much as it involves anatomical terms we have covered on previous exams.
6. The Final grade will be assigned according to the following scale.

<u>Grade</u>	<u>%</u>
A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
E	< 60

Tentative Syllabus for ANA 109 - 001

<u>DATE</u>	<u>TOPIC</u>
Aug 25	Introduction
Aug 31	Chemical Basis of Life
Sept 2	Cells
Sept 7	Cellular Metabolism
Sept 9	Tissues
Sept 14	Integument
Sept 16	Clinical Correlation – Dr. Joseph Bark
Sept 21	Review
Sept 23	EXAM 1
Sept 28	Cartilage/Bone/Bone Formation
Sept 30	Skeletal System/Articulations
Oct. 5	Muscular System
Oct 7	Muscular System
Oct 14	Nervous System I
Oct 19	Nervous System II
Oct 21	Review
Oct 26	EXAM 2
Oct 28	Nervous System III
Nov 2	Nervous System IV
Nov 4	Clinical Correlation – Dr. Jeffery Okeson
Nov 9	Nervous System V
Nov 11	Referred Pain
Nov 16	Special Senses
Nov 18	Review
Nov 23	EXAM 3
Nov 30	Endocrine System

Dec 2	Lymphatic System
Dec 7	Blood
Dec 9	Review
TBA	FINAL EXAM

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g. Course description

h. Prerequisites (if any)

i. May be repeated to a maximum of _____ (if applicable)

4. To be cross-listed as

Prefix and Number

Signature, Chairman, cross-listing department

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(Explain if not annually)

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ACTION OTHER THAN APPROVAL

**University of Kentucky
Anatomy and Physiology**

Spring 2005

SYLLABUS AND COURSE OBJECTIVES

Course Prefix:	ANA 110	T and TH 8-9:15
Course Title:	Anatomy and Physiology for Nursing	
Credit Hours:	3	
Prerequisites:	Must be a pre-nursing or nursing student Must have ANA 109	
Department:	University of Kentucky College of Medicine Department of Anatomy and Neurobiology	
Instructor:	Pamela Stein, D.M.D.	
Office Hours	By appointment – please email for an appointment	
Office Address	MS 208 B Chandler Medical Center	
Phone	323-5591	
Email Address	pam.stein@uky.edu	
Course Website	http://webteach.mccs.uky.edu/Anatomy109/	

University of Kentucky
Equal Opportunity Institutions

COURSE DESCRIPTION:

This is the second of two anatomy and physiology courses that focus on the interrelationship of structure and function of each body system. In this course cardiovascular, digestive, lymphatic, respiratory, urinary and reproductive systems will be covered.

Course Objectives

1. To examine the gross anatomical arrangement of the human body in a system by system format.
2. To relate the structure of the systems to the physiology or function of the system.
3. To examine both the anatomy and physiology of the human body at multiple levels, including cellular, tissue and organ systems.
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6. The Final grade will be assigned according to the following scale.

<u>Grade</u>	<u>%</u>
A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
E	< 60

Tentative Lecture Schedule for ANA 110

<u>DATE</u>	<u>TOPIC</u>
Jan 13	Cardiovascular System
Jan 18	Cardiovascular System
Jan 20	Clinical Correlation
Jan 25	Respiratory System
Jan 27	Respiratory System
Feb 1	Review
Feb 3	EXAM 1
Feb 8	Digestive System
Feb 10	Digestive System
Feb 15	Digestive System
Feb 17	Clinical Correlation – Dr. John Oldham
Feb 22	Nutrition
Feb 24	Urinary System
March 1	Urinary System
March 3	Review
March 8	EXAM 2
March 10	Male Reproductive System
March 22	Male Reproductive System
March 24	Female Reproductive System
March 29	Female Reproductive System
March 31	Review
April 5	EXAM 3
April 7	Fertilization and Implantation
April 12	Pregnancy Growth and Development
April 14	Parturition
April 19	Clinical Correlation

April 21	Embryonic and Fetal Development
April 26	Embryonic and Fetal Development
April 28	Review
TBA	FINAL EXAM