

Syllabus

Human Anatomy, N261

Lecture Instructor: James W. Clack, Ph.D.
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Office Hours: By appointment

Materials: Human Anatomy, E. Martini et al. 5th Edition
The Coloring Review Guide to Human Anatomy, H. McMurtrie & J.K. Rikel, 1990.
Human Anatomy Lecture Outlines, James W. Clack, 9th ed., 2004.
N261 Website, <http://iupucbio2.iupui.edu/anatomy>

- Objectives:*
1. To provide a comprehensive introduction to the gross structure of the human body [Gross Human Anatomy].
 2. To provide a comprehensive introduction to the microscopic structure of the human body [Human Histology].
 3. To provide maximal learning experience through lecture and corresponding laboratory sessions.
 4. To provide clinical correlations to emphasize structure and functional relationships in Anatomy.

Grading: Your course grade is based on the following:

Lecture Exams (4)	400 pts.
Laboratory Practical Exams (4)	300 pts.
Pop Quizzes (1-8; <i>extra credit</i>)	10-80 pts.
<i>Total Possible</i>	700+ pts.

You must be acquainted with and prepared to understand the lectures and laboratories at the time they are scheduled. To insure this there will be random pop quizzes administered before the beginning of the lecture and/or lab over the day's material. "The day's material" includes pages from your coloring books or questions based on general topics covered in the assigned reading. Each pop quiz will be worth 10 pts of **extra credit**. Grades will be assigned according to the scale below (total exam pts + pop quiz totals):

Grading Scale

<u>Total Points (%)</u>	<u>Grade</u>
679-700 (97-100.0%)	A+
630-678 (90-96.99%)	A
609-629 (87-89.99%)	B+
560-608 (80-86.99%)	B
539-559 (77-79.99%)	C+
490-538 (70-76.99%)	C
469-489 (67-69.99%)	D+
420-468 (60-66.99%)	D
0-419 (00-59.99%)	F

Attendance: It is essential that you attend both lecture and lab sessions. It would be highly unlikely that a student could pass this course without having heard the lectures first-hand or by not participating in laboratory exercises designed to reinforce lecture topics as well as introduce new material. It is required that you take all examinations on their scheduled dates and times. Absences from scheduled exams will not be tolerated unless a **verifiable**, exceptional circumstance occurs. In this rare instance, a make-up exam consisting of both an oral and written component will be given during final exam week. Exams missed due to unexcused absences will not be made up and you will have earned a zero score.

Student Conduct: Cheating and/or plagiarism are particularly offensive to your instructor. This misconduct will not be tolerated as it is obvious that students motivated enough to be attending college are intelligent enough to understand that cheating benefits no one.

Reading Assignments: You will find it helpful to read the text material that corresponds to the **upcoming** lecture. Almost all test questions will come from lecture and lab material, but by reading the text you will have a broader base of knowledge that could boost your performance in the course. Your text also has a Study Outline, Review Questions and a Self-Quiz (with answers in the back) that will **undoubtedly improve your grade** if used. They are highly recommended.

School Closing: If IUPUI Columbus closes due to inclement weather, lectures will be made up in subsequent classes and during "overflow" class periods. If school is canceled on the date of an examination, the exam will be administered during the next class period.

Dates to remember:

Last day to withdraw with automatic W:	3/7/2005
Last day for withdrawal w/ instructor's permission: ¹	4/1/2005

¹ You must be passing (have 60% or higher) to receive a "W" at this point. From the IUPUC Academic Calendar: "Withdrawal after this date requires extraordinary circumstances and rarely is granted. Poor performance in a course is not considered grounds for a late withdrawal."

Human Anatomy N261 Tentative Lecture Schedule

<u>CLASS</u>	<u>SUBJECT</u>	<u>READING²</u>
January 11	Introduction, Anatomical Terminology	Ch. 1
13	Cellular Anatomy	Ch. 2
18	Basic Tissues	Ch. 3
20	Integumentary System	Ch. 4
25	Osseous Tissue, Bone Landmarks	Ch. 5
27	Axial Skeleton	Ch. 6
February 1	<i>No Class – JWC at NSF Review Panel</i>	
3	Appendicular Skeleton	Ch. 7
8	Examination #1 (Chapts. 1-7)	
10	Articulations, Muscle Tissue	Ch. 8 & 9
15	Axial Musculature	Ch. 10
17	Axial Musculature, cont.	Ch. 10
22	Appendicular Musculature	Ch. 11
24	Nervous Tissue	Ch. 13
March 1	Central Nervous System (Spinal Cord & Nerves)	Ch. 14
3	Examination #2 (Chapts. 8-11, 13-14)	
8	Brain & Cranial Nerves	Ch. 15
10	Nervous System – Pathways	Ch. 16
15	Autonomic Nervous System	Ch. 17
17	Special Senses	Ch. 18
22 & 24	<i>No Class – Spring Break</i>	
29	Special Senses, cont.; Blood	Ch. 18, 20
31	Heart	Ch. 21
April 5	Arterial & Venous Systems	Ch. 22
7	Examination #3 (Chapts. 15-18, 20-22)	
12	Respiratory System	Ch. 24
14	Digestive System	Ch. 25, pp. 662 – 677
19	Digestive System	Ch. 25, pp. 677 - 695
21	Urinary System	Ch. 26
26	Reproductive System (♀, ♂)	Ch. 27
28	Examination #4 (Chapts. 24-27)	

² Text: Martini, Timmons, Tallitsch

Human Anatomy N261 Tentative Lab Schedule

<u>CLASS</u>	<u>SUBJECT</u>	<u>READING</u> ³
January 11	Anatomical Terminology, Microscope Use	pp. 4-11.
13	Cellular Anatomy	pp. 14-15.
18	Basic Tissues	pp. 16-21.
20	Integumentary System	pp. 30-37.
25	Osseous Tissue, Bone Landmarks	pp. 42-45.
27	Axial Skeleton	pp. 50-61.
February 1	<i>No Class – JWC at NSF Review Panel</i>	
3	Appendicular Skeleton	pp. 62-73.
8	Practical Examination #1	
10	Articulations, Muscle Tissue	pp. 83-89, 96-101.
15	Axial Musculature	pp. 102-109.
17	Axial Musculature, cont.	pp. 110-117.
22	Appendicular Musculature	pp. 118-141. ← LONG
24	Nervous Tissue	pp. 170-177.
March 1	Central Nervous System (Spinal Cord & Nerves)	pp. 178-179, 194-199.
3	Practical Examination #2	
8	Brain & Cranial Nerves	pp. 180-191, 200-201.
10	Nervous System – Pathways	pp. 192-193.
15	Autonomic Nervous System	pp. 202-205.
17	Special Senses	pp. 206-217.
22 & 24	<i>No Class – Spring Break</i>	
29	Cardiovascular System -- Blood	pp. 254-255.
31	Heart	pp. 256-263.
April 5	Arterial & Venous Systems	pp. 264-291. ← LONG
7	Practical Examination #3	
12	Respiratory System	pp. 318-331.
14	Digestive System	pp. 336-351.
19	Digestive System	pp. 352-367.
21	Urinary System	pp. 378-389.
26	Reproductive System (♀, ♂)	pp. 394-413.
28	Practical Examination #4	

³ Readings from The Coloring Review Guide to Human Anatomy.