



ZOOLOGY 265 – Human Anatomy Winter 2011

Course Outline and Schedule for Winter semester, 2011.

Time: Lectures – T / R 9:45-11:00
Labs – M – 12:00 – 3:00

Instructor : Dr. Carol Gibbons Kroeker, PhD
Office : A2156
Phone: 571-2550, ext 5910
Email: ckroeker@ambrose.edu

Course Description:

This course covers the structure and function of the human body systems, with special emphasis on the muscular-skeletal, circulatory and nervous systems.

Text : Principles of Human Anatomy, 12th edition, by Gerard Tortora and Mark Nielson. Wiley and Sons, 2010.

Zoology 265 Lab Manual

Note: You may substitute an earlier edition (11th) of the text for the course
There are many study guides and learning manuals that may help you in this course. A list of these will be supplied to you via Moodle.

Learning Objectives:

1. Students will learn the anatomical structures of the human body with their associated functions
2. They will understand how the body systems work together and the clinical relevance of each system in disease
3. Students will be introduced to human cadavers as a learning tool

Mark Distribution :

2 Midterm Exams	40%
Laboratory Exams	20%
Final Exam	40%

This course consists of 3 hours of lectures per week, plus a 3-hour lab.

The midterm and final exam will be a combination of multiple choice questions, as well as short and long answer questions. While many questions will be based on lecture material, the textbook reading will absolutely help in the understanding of this material. Attendance at lectures will help ensure success on course exams and assignments. Attendance at all labs is mandatory.

LECTURE SCHEDULE

WEEK OF	TOPIC	TEXTBOOK CHAPTER
Jan. 10	Intro, cells, tissues	1, 2, 3
17	Development / integument	4, 5
24	Bone / Axial skeleton	6, 7
31	Axial Skeleton / Appendicular	7, 8
Feb. 7	Appendicular skeleton / Joints	9
14	Muscular system / Exam I	10, 11
21	Reading Week	
28	Muscular system	11
Mar. 7	Cardiovascular system	13, 14, 15
14	Cardio / Lymphatics / Exam II	16
21	Nervous system	17- 22
28	Nervous	17-22
Apr. 4	Respiratory / Digestive	24, 25
11	Urinary / Reproductive	26, 27

SUPPLEMENTARY REFERENCES: Located in AUC library or at University of Calgary.

Human Anatomy (2ne ed.)

- M. McKinley and V.D. O'Loughlin

Human Anatomy (6th ed)

- Martini, Timmons, and Tallitsch

Human Anatomy

- Saladin

Anatomy Colouring Book

Atlas of Human Anatomy

Laboratory Schedule

Attendance at the laboratory sessions is **COMPULSORY**. Any lab missed without a valid excuse cannot be made up. Lab coats must be worn to all cadaver sessions. Labs will combine work with anatomy models and skeletons with histology work and human cadavers. Evaluation will consist of 4 lab exams.

Labs will involve the use of body fluids so proper lab techniques and safety precautions must be taken. Lab coats and gloves should be worn for these labs.

LAB SCHEDULE

Jan.	10	No labs
	17	Histology lab – Tissues, integument
	24	Skeleton I
	31	Skeleton II
Feb.	7	Exam I / Muscle I
	14	Muscle II
	21	Reading Week
	28	Muscle II – Cadavers / Exam II
Mar.	7	Circulatory
	14	Circulatory - cadavers
	21	Nervous
	28	Nervous – Cadavers / Exam III
Apr.	4	Digestive, Respiratory, Renal, reproductive
	11	Lab Final exam

Grading Scheme

A+	97-100%	C+	67-70%
A	90-96%	C	63-67%
A-	87-90%	C-	60-63%
B+	83-87%	D+	54-59%
B	77-83%	D	50-53%
B-	70-77%	F	Below 50%

Important Notes/Dates:

The last day to enter a course without permission and /or voluntary withdrawal from a course without financial penalty – Friday, January 21, 2011

The last day to voluntarily withdraw from a course or change to audit without academic penalty – Friday, March 18, 2011.

Please note that final grades will be available on your student portal. Printed grade sheets are no longer mailed out.

Classroom Etiquette:

It is expected that students will take an active role in the learning process. This includes: (a) regular class attendance, (b) reading course material in advance of class, and (c) engaging in discussions during class.

In respect to the professor and to your fellow students, we ask that you:

- a) Turn your phone off during class and that you don't use it for texting during lecture or lab
- b) Not have conversations with the people beside your during lecture – it is very distracting to the people around you
- c) Use your laptops for lecture material and assignments only – that you are not using the internet or facebook during class time.
- d) Arrive to lecture and lab on time
- e) Don't come to class or lab with your ipod or equivalent.

These will help to maximize the learning experience for you and your fellow students (and will keep your professor in a good mood).

It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Student Handbook and Academic Calendar. Personal information, that is information about an individual that may be used to identify that individual, may be collected as a requirement as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at privacy@ambrose.edu.

Academic dishonesty is taken seriously at Ambrose University College as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to give credit to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from Ambrose. Students are expected to be familiar with the policy statements in the current academic calendar and the student handbook that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.

We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Plagiarism and cheating can result in a failing grade for an assignment, for the

course, or immediate dismissal from the university college. Students are expected to be familiar with the policies in the current Academic Calendar and the Student Handbook that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean.