

ANATOMY AND PHYSIOLOGY 1

BIOL 2651 Sections A& B

Fall 2013

Lecture TR 12:30 to 1:45pm

Room 1011 Level 1

Laboratories, New Biology extension, Level 1 Room 1203

Section A Monday 1- 2:50pm

Section B Monday 3:30 to 5:20pm

Instructor: Dr. M. F. Karim

Course objective: To provide students with—

1. Basic knowledge of anatomy and physiology involving the human body.
2. The fundamental needed for entry into careers that use human anatomy and physiology as a foundation
3. A basic knowledge of the human body that will allow them to make wise and educated decisions on their health and the health of their families.

Text book: Principle of Anatomy & Physiology by G. Tortora & B. Derickson, 13thed

Lab. Manual: Laboratory manual for Human Anatomy & Physiology, by Michael Smith and William J. Laughry

To be downloaded from this WEB site: www.valdosta.edu/~mfkarim

Chapter	Topic	Pages and Notes
1	Introduction	4-19
2	Chemistry	This chapter mainly deals with the structure of atom, molecule, ions etc. Concept of acid, base is also dealt with along with pH of body fluid. Details of organic compounds are also discussed. Structure and function of DNA are also dealt with.
3	Cellular biology	60--101
4	Tissues	Histology of the tissues and skin will be covered in the lab.
5	Integumentary sys.	140-159 Main focus will be on Skin structure and functions
6	Bone tissue	162-184 Basic information on structure, blood supply
7 & 8	Skeletal system Axial and Appendicular	For most part, the bones of the skeletal system will be studied in the lab. Specific bones will be discussed in lecture. Questions may be asked on these specific bones
9	Joints	244-272
10	Muscle tissue	Information about the type, structure and electrical properties of muscle tissues will be discussed here.
11	Muscular system	For most part, individual muscles will be studied in the lab. Specific muscles will be discussed in lecture.
12	Nervous tissue	Basic information, organization, neurons, RMP etc
13-14	Spinal cord & Spinal nerves Brain & Cr. nerves	440-472 & 474-523 basic information, Neurons, organization, RMP etc
15.	ANS	Brain, spinal cord, spinal nerves & cranial nerves etc
17	Special senses	525-545 Sympathetic and parasympathetic systems 575-613 some anatomy & physiology of special senses

Class attendance and behavior:

When I am lecturing, I expect students to behave themselves and maintain silence; however, your questions are encouraged. Students who will be found disrupting the class will be removed from the class and if necessary dropped from the course. You are now preparing for the future and successful completion of this course may determine your future job prospects and the programs that you are admitted to in other colleges. Class disruption is rude and inconsiderate of others who are trying to learn. Therefore, good behavior in class is expected as you are now an adult and you should behave as such.

Class attendance will be taken in each period. Students missing three consecutive lectures or consecutive labs without prior permission will receive 'F' for the course. If you are ill or have an emergency, exceptions will be made after proof of the illness or emergency is provided. It is your responsibility to attend classes regularly and get the notes and assignments

Important dates

First class day: Aug. 12, 2013

Holidays

Labor day holiday Sept.2, 2013

Midterm: Oct. 3, 2013 (last day to withdraw) 75 Tm(da)-60(Im)121 0 0 1 206.57(a)4,1.75 TmTET@052f5kot

Please turn over

**Biol 2651
Human Anatomy & Physiology
Sections A,B
Fall 2013**

Instructor: Dr. M.F. Karim
Office: 2033 (Room)
Tel: 333 7359
Laboratory Schedule

Date (Week of)	Topic	Lab Chapter
Aug. 12	Microscope & cell	2,4
Aug 19	Tissues	
Aug 26	Tissues	
Sept. 2	No Lab this week	
Sept. 9	Lab Practical 1	
Sept. 16	Skeletal system	5
Sept. 23	Skeletal system	5
Sept. 30	Lab practical 2	
Oct. 7	Muscular system	6
Oct.14	Muscular system	
Oct.. 21	Lab practical 3	
Oct. 28.	Dissection of sheep brain	7
Nov. 4	Dissection of Cow's Eye	8
Nov.11	Lab practical 4 (Last test)	

Good luck

