

BIO* 110 Principles of the Human Body

Professor: Cheri Goretti

Phone: 860-932-4087

Office Hours: T, Th 8am-9:30am

Email:cgoretti@qvc.comnet.edu

Course Description

This course provides an overview of the basic structure and function of the human body. It will explore the major organs and systems of the body as well as provide an overview of chemical and cellular processes as they relate to the human body. Basic pathologies of the human body will also be covered. Lecture only.

The delivery of this course will be via Blackboard. Students will be required to log onto the course almost daily and participate in class discussions, projects, and assignments. Due dates will be given for discussion participation and assignments but students can work on the course on their own time and will not be required to log onto the course at a specific time of the day.

A major portion of the course involves the students to read and participate in class discussions. Students will not only be graded on the quality of their postings but also on the number of postings they have read. A discussion participation grading rubric will be posted in the “Course Specifics” thread.

Required Text

***Diseases of the Human Body*, 5th edition. Tampo and Lewis, F.A. Davis.**

ISBN: 978-0-8036-2505-1

Interesting and useful websites:

<http://www.innerbody.com/htm/body.html>

<http://www.medtropolis.com/VBody.asp>

<http://dsc.discovery.com/tv/human-body/human-body.html>

http://www.picadome.fcps.net/lab/currl/human_body/default.htm

<http://www.uihealthcare.com/vh/>

Evaluation

Discussion Participation (17 total discussions @ 20 pts each) – 340 points

Written Assignments (7 total written assignments @ 10 pts each) – 70 points

Final Project - 200 points

TOTAL ATTAINABLE POINTS: 610 points

The grading of discussion postings, written assignments, and projects, will not only be based on content of the discussion/written assignment but also graded on grammar, spelling, and other writing mechanics, as well as plagiarism. All sources used must be cited, and no copying directly from websites or your text will be allowed. No use of abbreviations or "texting language" will be tolerated.

Postings and/or written assignments found to be plagiarized will receive a grade of zero and the Dean of Students will be notified.

Due dates for discussion postings and written assignments are Sundays by noon. Late discussion postings will not be accepted at all. Late assignments will be accepted but will receive -5 per day it is late, and will only be accepted up to 2 days late. Discussion threads are closed as soon as a new week begins. A week ends on Sunday at noon, and a new week begins on Monday.

****No excuses, whatsoever, will be allowed for missed work****

Detailed course specifics can be found in the Course Specifics Thread of the discussion board. Please make sure you read all of them.

Course Content*

***Please note, discussion topics and assignments may change during the semester and may not reflect what is written in this course content. Please always follow the topics that are posted in the discussion board**

WEEK (a new week starts every Monday)	CHAPTER(S)	DISCUSSION TOPIC(S)	WRITTEN ASSIGNMENT(S)	DUE DATE
1	1	a. Introduction b. Preventable & non-	None	NOON SUNDAY January 22 nd

		preventable diseases		
2	2	Alternative medicine and therapies	Medical Genogram (directions will be posted in discussion board) Due February 2 nd .	NOON SUNDAY January 29 th
3	3	Pain Management	Pg. 56 Discussion Q. # 2 (Answer must be typed in body of an email via Blackboard. Attachments will not be accepted)	NOON SUNDAY February 5 th
4	4	a. Differences between bacterial and viral infections b. Reportable communicable diseases c. Vaccines	NONE	NOON SUNDAY February 12 th
5	5	Tumors	Pg. 106 case study #2	NOON SUNDAY February 19 th
6	6	Congenital Diseases & Conditions – treatment and prevention	NONE	NOON SUNDAY February 26 th
7	8	Skin Conditions	Pg. 208 Case Study #1	NOON SUNDAY March 5 th
8	9	Injuries associated with musculoskeletal system	Assignment Activity– click on the following website and do the following activities: http://www.bbc.co.uk/science/humanbody/ 1. build a skeleton 2. stretch some muscles This is an UNGRADED assignment, but you must post your results in the discussion board	NOON SUNDAY March 12 th

9	10	Diagnostic procedures for nervous system conditions	Sports concussions have been in the news lately for both high school and professional athletes. What exactly is a concussion? What are the many ways it can occur? What are the symptoms of a concussion? What are some treatments for concussions? What are some long term effects of a concussion? How can concussions be prevented? DO NOT COPY AND PASTE information from websites. Essay must be in your own words. List sources used at end of essay (must use at least 3 sources) Send to me via Blackboard email.	NOON SUNDAY March 26 th
10	11	Causes and treatments of endocrine conditions	NONE	NOON SUNDAY April 2 nd
11	12	Risk factors and prevention of CVD	Pg. 348 Q. #2	NOON SUNDAY April 9 th
12	13	Respiratory system conditions and treatments	Pg. 389 Case Study #3	NOON SUNDAY April 16 th
13	14	GI diseases	NONE	NOON SUNDAY April 23 rd
14	16 15	STDs/STIs And Urinalysis	None	NOON SUNDAY May 7th