Suffolk County Community College
Eastern Campus – Riverhead, New York

Survey of the Human Body 2010 – Course Outline

Course Title: Survey of the Human Body
Catalog #: BIO105
CRN#: 23990 **(**Section 400)
Lab: 7:35-9-35pm Wednesday/Shinnecock 208

Instructor: AnnMarie Armenti, MS.
E-mail: armenta@sunysuffolk.edu
(*email is the best way to reach me!!!)
Phone: (631)548-2628 (Department Secretary)
Website: www.annmariearmenti.com

Office Hours: By Appointment Only!!!
Anytime via e-mail!

Textbooks: Human Biology, 11th Edition, by Sylvia S. Mader, McGraw Hill, 2010. ISBN #978-0-07-337798-8.

Laboratory Manual Human Biology, 11th Edition, by Sylvia S. Mader, McGraw Hill, 2010. ISBN #978-0-07-723513-0.

Course Description:

This course will introduce students to the basic structure and function of the human body. Students will learn general chemical principles and basic cellular biology in order to better understand the principles of human biology.

Learning Objectives:

This course will provide students with an understanding of:

1) Apply the scientific method.
2) Basic chemistry of life.
3) Cell structure and function.
4) Basic understanding of human genetics.
5) The organization of the human body and the workings of its major internal systems.

Policies, Attendance, and Student Responsibilities:

Attendance:

Attendance is mandatory, and you are expected to arrive on time. Students are responsible for all that transpires in class whether or not they are in attendance, even if absences are the result of late registration or add/ drop activity at the beginning of the term as permitted by college policy. There will be NO make-up lab exercises or practical exams.

The college defines excessive absence or lateness as more then the equivalent of one week of class meetings during the semester (in our case that would be any more then 1 missed laboratory). Excessive absence or tardiness may lead to failure of the course.

Students will receive 15 points for perfect lab attendance. One point will be deducted for each lab missed.

Student Requirements for Completion of the Course

Completion of this course requires the completion of all assignments on time. Should you encounter difficulties on any of the topics, seek assistance immediately. You can make an appointment to meet with me and/or receive tutoring at the Skills Center in the Orient Building if needed.

Cell phones and recorders:

TURN OFF YOUR CELL PHONE before class begins. If your phone or other noise producing electronic devices continuously disrupts the lecture your participation grade will reflect those occurrences and you may be asked to leave the class. The college does not permit the use of cell phones for any reason, including as a calculator, during exams.

Use of tape recorders is permitted so long as they do not interfere with the learning process of others. You are welcome to place your recorder on the front table for better sound quality.

Required Reading and Preparation:

You are required to read the chapters in the text and laboratory manual pertaining to the lab in advance to be familiar with the material. The class experience is more useful when the time can be spent learning the concepts rather than attempting to decipher new and unfamiliar vocabulary. The course period is inadequate to complete your learning of this dense material. Furthermore, the majority of your comprehension will depend on your reading and studying outside of the class. Expect to spend a minimum of four hours studying outside of class for every hour in it.

Withdrawal and Failure:

Do not vanish from the course. If you decide that you no longer wish to be enrolled in the class, regardless of reason, *you must officially withdraw yourself* at the registrar's office by the mid-semester withdrawal date indicated on the academic calendar. If you fail to attend the assigned meeting times and exams without filing withdrawal paperwork you will be issued a permanent grade of "F" for the course.

How to get the most out of this course:

The Texts:

Your textbook is a required tool to aid in your complete understanding of material covered throughout the course. You are responsible for complete comprehension of all of the material outlined in the course and that can only be accomplished by extensive reading on your own. We do not have time to cover it all in adequate detail to insure your complete understanding in class alone.

Make Connections:

Do not make the mistake of treating the lecture and the lab as completely different courses. Although the timing may not perfectly coincide, both aspects of the course deal with the same or at least similar information. Lab provides a tactile and visual learning experience to complement the auditory information in the classroom. If an explanation or diagram is unclear in your textbook look in your lab book and vice versa. The exams may have different emphasis on the details but the facts remain the same.

Utilize All the Time Designated for Laboratory:

Utilize the entire lab period. You are allowed to work at your own pace, so there is no temptation to get out as early as possible. This is your time to get one-on-one instruction from me if you are in need of clarification. It might be your only chance to really make sure you understand what is going on.

Make Us of Me!

Make an appointment or communicate with me via e-mail if you have any questions. Remember, there are not stupid questions. I am more than willing to find a way to explain something to you so it will make sense. I will try my best to respond to your e-mails in a timely manner, however, I may not have the opportunity to respond until the weekends.

Student Assessment:

Laboratory Practical Exams:

Lab material will be broken into two parts with an exam on each. The practical exam will cover material since the previous exam and are not cumulative. Lab practical exams tend to be in the format of question stations around the room where you are asked to identify features on the slide/specimen/object. No word banks are provided. The time allotted to a lab exam will be determined by the complexity of the exam and the manner in which it is administered.

Laboratory Quizzes:

There will be two laboratory quizzes throughout the semester. They will generally cover three laboratory periods. You will be given approximately 15 minutes at the start of the class to complete the quiz. Do not be last as quizzes will be collected promptly after the appropriate amount of time has passed, regardless of when you arrived. If you wish for more time you may start the quiz ten minutes prior to class. Quizzes are usually a mixture of multiple-choice questions, fill-in questions and labeling of diagrams. The purpose of the quizzes is to insure that you have an understanding of the laboratory material. Cramming the night before a practical exam is a sure way to fail a course as dense as this one.

Grading:

Your performance on two lab practical exams, quizzes, lab questions, and attendance will determine your overall grade for the course.

Grades are calculated as follows:

Lab Practical I	100 points
Lab Practical II	100 points
Lab Quiz I	20 points
Lab Quiz II	20 points
Lab Attendance	15 points
Lab Questions	110 points (10 pts/lab)

Translating Numbers into your Final Grade:

Your final grade in laboratory will make up 47% of your course grade. Please refer back to Prof. Gardner's syllabus.

Work hard and Good Luck!

Record your grades here to keep track of your progress:

Practical 1: _____

Practical 2: _____

Quiz 1: _____

Quiz 2: _____

BIO105 400 Lab Schedule Wednesday 7:35 – 9:35 Room: S208

Week #	**Date**	**Lab**	**Readings**
1	02/3	Light Microscopy	Lab 2, pp. 9-22
2	02/10	Chemistry Composition of Cells	Lab 3
3	02/17	Cell Structure and Function	Lab 4
4	02/24	Histology **Quiz 1: Lab Wk 1-3**	Lab 5
5	03/3	Digestion & Respiratory System	Lab 6
6	03/10	Cardiovascular System	Lab 7
7	03/17	**Lab practical I**	Labs (wk 1-6)
	03/24	***All College Day***	
	03/31	***SPRING BREAK***	
8	04/07	Immune system	Handout
9	04/14	Homeostasis	Lab 11
10	04/21	Musculoskeletal System	Lab 12
12	04/28	Musculoskeletal System, Pt. 2 **Quiz 2: Lab Wk 8-10**	Lab 12
13	05/05	Nervous System	Lab 13
14	05/12	Reproductive System	Lab 10
15	05/19	**Lab Practical II**	Labs (wk 8-14)

Schedule subject to change at instructor's discretion