COURSE MATERIALS


Lab Safety Gear: Lab coat, Splash Proof Goggles, and Disposable Gloves. All can be obtained at the Woodbridge Campus Bookstore.


COURSE DESCRIPTION

Biology 142 (Human A & P) is the second part of the Bio 141-142 course sequence that is designed for students who require 8 credits of a science course with a laboratory and for those students who plan to enter the medical and related fields. Bio 142 is a college transfer level course that encompasses the following topics: Nervous System, Sense organs, Lymphatic and Immune systems, Endocrine System, Digestive and Excretory systems, Electrolytes, Acid and Base Balance, Nutrition, Reproductive Systems, Development, and Genetics.

EVALUATING YOUR PROGRESS

1. LECTURE REQUIREMENTS: 600 points

Seven unit tests (two chapters per test) 100 points each (Grade Scale: A: 90 & up, B: 80 & up, C: 70 & up, and D: 60 & up, F: 59 and below). The tests are given in the classroom and are composed of 50 multiple choice questions. Few bonus questions may be added to each test. YOU MUST SUPPLY YOUR OWN SCANTRON SHEETS (# 882). NO SCANTRON NO TEST! The scantrons can be obtained at the campus bookstore.

One lowest lecture grade is dropped at the end of the semester. Time allowance for lecture tests is 1 hour.

NOTE: A make up for any missed lecture exam WILL ONLY BE GIVEN to those students with a VALID EXCUSE, i.e., Doctor's note with the physician's name and phone number. The makeup test must be taken within a week of the exam date.
2. LAB EXAMINATIONS AND REGULATIONS: 200 points.

Five lab practical 50 points per lab practicum (Grade Scale: A: 45, B: 40, C: 35, and D: 30, & F: 29). All the questions for each lab practical are adopted from the lab manual, the handouts, models, microscope slides and the experiments or lab exercises performed in the lab. Few Bonus questions may be added to each lab practical. One lowest score for lab practical will be dropped at the end of the term. Time allowance for lab practical is 45 minutes.

ABSOLUTELY NO MAKE-UP IS GIVEN FOR MISSED LAB PRACTICAL.

3. LAB ACTIVITIES: 40 Points for 10 Lab Units - Optional

2 points is awarded for each unit’s pre-lab and 2 points for each unit’s review. The pre labs must be completed before coming to the lab.

Note: Students’ performances in the lab is observed and evaluated. Leaving the lab early without the instructor's permission, incomplete lab activity exercises, and poor behavior and performance result in loss of 5 points per occurrence.

DESCRIPTION OF LAB ACTIVITIES:

- Labeling figures in each exercise, answer to the discussion questions associated with a particular activity in the lab manual, recording data of an experiment, etc., these items may be checked before the lab period dismissal.
- Students must complete the lab units review in order to earn points.

4. Presentation: Up to 20 Points - Optional

Students may earn up to 20 points by giving a 5-10 minutes presentation of any topic covered in this semester i.e., human anatomical or physiological disorders, issues on human diseases caused by viruses, bacteria or other microorganism, impact of environment, drugs, and nutrition on human health, etc. You may use the web or other resources to select a presentation. You must submit a typed summary of your presentation NOT a copy of the presentation’s power point or outline.

THE LAST DAY OF PRESENTATION is 4/24/13

Presentation Criteria:

- Attire: 3 point
- Visual Aide: 5 points
- Presentation Subject: 3
- Presentation Delivery: 10 points

Grading Scale:
Lecture Exam:  600, Lab Exams: 200, Lab Ex. Credit: 40 points, and Presentation 20 points.

Total Points May Be Earned:  860

A = 720 (90%), B = 640 (80%), C = 560 (70%), D = 480 (60%), and F = 479 (less than 60%)

GENERAL RULES AND REGULATIONS

DISABILITY & PREGNANCY: If you have a diagnosed and documented disability, which may cause you with any part of this course, please see me as soon as possible so we can discuss options and make alternate arrangements where necessary. If you are pregnant, let me know as soon as possible. I will explain the potential chemical hazards in the lab.

ATTENDANCE: All students are required to attend both lecture and lab classes. It is the responsibility of the student to recover the missed material when misses a lecture or a lab session. WITHDRAWAL without the GRADE PENALTY: March 25/13

LAB ATTIRE: ALL STUDENTS MUST AVOID WEARING SHORTS, SLEEVELESS SHIRTS, AND OPEN TOED SHOES. Students will be asked to leave the lab if they are not properly dressed. NO EXCEPTION.

LAB ATTENDANCE POLICY: Important…… Important … Important …. Important College Lab Attendance Policy: All students are required to attend all lab sessions. Five lab absences (excused or unexcused) will result in a grade of “W” if the 5th absence occurs before the official withdrawal date (March 23/12) and a grade of “F” if the 5th absence occurs after the official withdrawal date. 5 Points will be deducted per lab absence.

Incomplete Grade “I” Policy:

An "I" will be awarded only for extraordinary extenuating circumstances. Please consult the student handbook for details.

CLASS DISRUPTION: Any disruption of classroom activities including talking, using derogatory words and improper behavior will result in an immediate dismissal from class and loss of 50 points per occurrence. Three dismissals for any one student will result in an "F" for the class.

CELL PHONE USAGE, TEXT MESSAGING IS NOT PERMITTED IN THE CLASS ROOM. FOR EMERGENCY PURPOSES ACTIVATE THE VIBRATING MODE ON YOUR CELL PHONES. ALL CELL PHONES MUST BE PUT AWAY IN YOUR BOOK BAGS DURING EXAMINATIONS. 30 POINTS WILL BE DEDUCTED WHEN STUDENTS FAIL TO FOLLOW THE RULES.

HONOR CODE:

This college, this department, and I do not tolerate plagiarism, cheating (copying answers of a quiz, giving answers to another student) or any act of academic dishonesty. A first offense of perfidy will result in an automatic failure (score = 0) for that quiz. For the second time the student will automatically receive a failing grade “F” for the course.