

# **Biology 22 (Human Physiology)**

## **COURSE DESCRIPTION**

INSTRUCTOR: Dr. Marquez (LS 5, Ext. 3257) OFFICE HOURS: by appointment

□

This course is designed to introduce the student to a variety of topics in the area of human physiology. The text, lab manual, lab handouts, and lectures are geared to students in biological, medical, physical education and health-oriented programs. This course is especially useful for those students planning a career as a nurse, physician's assistant, nurse practitioner, lab technician, radiologist, nuclear medicine technologist, inhalation therapist, medical office assistant, medical record keeper, dental hygienist, physical therapist, surgical assistant, diagnostic medical sonographer, mortician, cytotechnologist, EEG technologist, paramedic, and students in premedical, pre dental, physical education, sports medicine, nutrition, dietetics, and prechiropractic programs.

Your active participation in all lectures and laboratory sessions is mandatory because of the many oral questions and discussions, demonstrations, and exercises carried out during these periods. Your point totals will be reduced by your absence from lecture and lab. Excessive unexcused absences will cause you to be dropped from the course.

Microscopes and lab supplies will be made available to each student. Each student is responsible for his/her laboratory materials and a replacement fee will be charged for lost or broken materials.

1. The final course grade will be determined as follows:
  - a) 60% of your grade (600 points) will be based on 7 lecture-lab exams given at the end of each major section.
  - b) 15% of your grade (150 points) will be based on the final exam.
  - c) 20% of your grade (200 points) will be based on completed laboratory reports which will be due at the beginning of the next class session.

Late Lab Report	1 Day Late	2-7 Days	7 Plus Days
Point Value	-25%	-50%	-100%

- d) 5% of your grade (50 points) will be based on class participation. Attendance and non-tardiness is required to obtain class participation points.
  - e) Percentage Required For Each Grade: A=90% or higher B=80-89% C=70-79% D=60-69% F=Less than 60%
2. Students can discuss any items related to this course by making an appointment with me immediately after the lecture, during the laboratory period, or during my office hours.
3. It is the student's responsibility to make up missed work as soon as possible and according to a schedule worked out by the instructor.
4. If you decide to drop this course you should:
  - a) complete the appropriate drop card and return it to the admissions office.
  - b) drop the course before the official drop date, which is Friday, March 10, 2000 .

# **Biology 22 (Human Physiology)**

## **COURSE DESCRIPTION**

### **REQUIRED MATERIALS**

Principles of Anatomy and Physiology (Tortora & Grabowski, ninth edition)  
Laboratory Exercises (Foletta, 1996)

### **REQUIRED BASIC SKILLS**

Eligibility for Math 1, Eng 25, and Eng 26.

Because a great deal of writing on lab reports and exams will be required in this course it is strongly recommended that you complete English 25 and English 26 before you take Biology 22.

### **SUBJECT PRE-REQUISITES**

Principles of Biology (Biol 1), Human Anatomy (Biol 20), and Chemistry (Chem 10, 3A, 1A or H.S. Chemistry)

### **IMPORTANT DATES**

#### **Spring Semester**

Instruction Begins Monday, January 10, 2000

Physiology Lecture Hours Monday, Wednesday, Friday 12:00 – 1:05 p.m.  
Laboratory Hours Thursday, 9:00 – 11:50 a.m.

#### **Holidays - Spring Semester**

MLK Holiday Monday, January 17  
Lincoln Day Friday, February 18  
Washington Day Monday, February 21  
Spring Break Monday – Friday, April 17 – 20

Last Day To Change To Or From A CR/NC Grading Basis Friday, February 11  
Last Day to Drop Class Without Assigned Grade Friday, March 10

Final Exams Week May 15 - 19

Physiology Final Examination May 19, 2000 10:30a.m. – 12:30p.m.