

# Biology 90- CRN: 20293

## Human Anatomy and Physiology (3 units)

Spring 2013

Instructor: Eddie Chang

### **Class Meets:**

Location-Room 2727

Time- 630p-755p Tues/Thurs

### **Materials**

Textbook: *Essentials of Human Anatomy and Physiology*, Elaine Marieb (9<sup>th</sup> or other recent edition).

OPTIONAL Workbook: *Anatomy and Physiology Coloring Book*, Elaine Marieb, (7<sup>th</sup> edition).

**Course Website: on Blackboard.** Go to the IVC website. Click on the “home” tab. Then click on Blackboard on the popup menu. Log in using the part of your IVC email address before the @ symbol (as the username) and the IVC email password. You can download lecture slides, handouts and review assignments from the website. The website also contains reminders and announcements. Please check it often

### **Course Description**

Introductory study of the structure and function of the human organism. Class is structured for health occupation students. It is not acceptable for pre-medical, pre-dental, pre-chiropractic, pre-physical therapy, or registered nursing students, and it is not open to students who have completed BIOL 200, BIOL 202, BIOL 204 (formerly ANAT 8), or BIOL 206 with a grade of “C” or better. (Non-transferable, for AA/AS degree only)

### **Prerequisites-None**

### **Grading**

4 exams, 100pts each

Paper on a disease or health issue (50pts) – more on this later in the semester

Periodic review/pop quizzes about 10-15 points each

Other review assignments: 10-20pts each (to be assigned throughout the semester)

No extra credit available

### **Student Evaluation**

Grades	Range
A	88.0 % or above
B	78.0% or above
C	68.0% or above
D	60.0 % or above
F	less than 60.0%

### **Attendance Policy**

You are expected to attend every class session. Any student who misses the first class session is dropped. Attendance is recorded and reported with your test scores and final grades to the registrar's office at the end of the term. If you know you will miss a class, make arrangements with the instructor or your classmates to keep up with the assignments or materials covered.

If you are continuously absent for more than a week's worth of class hours, you may be dropped at the discretion of the instructor. **If you wish to drop, it is your responsibility to fill out the proper forms or go onto WebStar before the drop deadline--if you simply stop coming to class you will get a final grade of "F" instead of "W"**

**make-up exams.** If you have a valid excuse for missing an exam (NOT THE FINAL,) the instructor may prorate your other exam scores to compensate for the missing score. Every student is expected to bring a No.2 pencil with a functional eraser to class every day. This is especially true for days on which we have examinations.

Examinations start at the beginning of the announced period. They consist of multiple-choice, fill in the blanks, and matching questions. No student is allowed to take the exam if he or she is more than 15 minutes late.

### **Classroom Disturbances**

Please **turn off the cell phones and all electronic devices** during classtime, including exams. Students who are disruptive will be asked to leave the classroom and to meet with the Chief Disciplinary Officer, who will follow disciplinary procedures as described in the catalog.

Cell phones and all electronic devices that are turned ON during tests and quizzes will be considered cheating devices and cheating penalties will be incurred (see below).

**If we are delayed by any type of classroom disturbance, we will stay in class past the scheduled end time until we finish covering the material!!!!**

### **Cheating Policy- IVC expects honesty and integrity from all students (that's YOU)**

Students caught cheating or attempting to cheat on quizzes or exams will be given a zero for that exam or quiz. The student may also be referred to the Chief Disciplinary Officer for possible further discipline. Subsequent episodes of cheating/plagiarism may result in dismissal from the class and/or the college. Cheating includes but is not limited to looking at another student's papers, speaking out answers or questions, the use of open books or notes, use of cell phones/electronic device, finger spelling in sign language or by notes written on the skin. Baseball caps may not be worn during quizzes or tests. Do not use iPods or other music-providing devices during lecture or tests.

### **DSP&S Statement**

Any student with a documented disability who may need educational accommodations should notify the instructor and the Disabled Student Program Services (DSP&S) office  
In Room 2117, Health Sciences Building. ☎ [760] 355-6312

**Instructor's Office: 2778**

Instructor's Phone: 760 355-6301 – please leave your name and callback number if I am not available to answer the phone.

eMail: eddie.chang@imperial.edu

**Office Hours effective Tuesday, Jan 22, 2013**

Monday	1245-125p
Tuesday	510-620p (please call my office if you are attending the Tuesday office hour so I can unlock the access door for you)
Wednesday	1245-125p
Thursday	11a-1230p (in 2712)

Or by arrangement

I am usually in the classroom about 15 minutes BEFORE and AFTER class; you can also see me during this time

## Tentative Schedule

WK	DAY	DATE	LECTURE	Remarks
<b>1</b>	Tues.	1-15	Ch.1 introduction	
	Thurs.	1-17	Ch2 chemistry	
<b>2</b>	Tues.	1-22	Ch2	
	Thurs.	1-24	Ch2	
<b>3</b>	Tues.	1-29	Ch3 cells and tissues	
	Thurs.	1-31	<b>Ch3</b>	
<b>4</b>	Tues.	2-5	Ch4 skin	
	Thurs.	2-7	Ch5 bones	
<b>5</b>	Tues.	2-12	Ch. 5 bones	
	Thurs.	2-14	<b>Exam 1- chapters 1-4</b>	
<b>6</b>	Tues.	2-19	Ch10 blood	
	Thurs.	2-21	Ch11 circulatory system	
<b>7</b>	Tues.	2-26	Ch11	
	Thurs.	2-28	Ch 13 breathing	
<b>8</b>	Tues.	3-5	Ch13; Ch12 lymphatic system	
	Thurs.	3-7	<b>Ch12</b>	
<b>9</b>	Tues.	3-12	Ch12; Ch14 digestive syst	
	Thurs.	3-14	<b>Exam 2 Ch 5,10-12</b>	

WK	DAY		LECTURE	Remarks
<b>10</b>	Tues.	3-19	Ch14	
	Thurs.	3-21	Ch15 urinary system	
<b>11</b>	Tues.	3-26	Ch15 urinary system	
	Thurs.	3-28	Ch16 reproductive system	
			<b>Spring break 4/1 to 4/5</b>	
<b>12</b>	Tues.	4-9	Ch16	
	Thurs.	4-11	<b>Exam 3 Ch 13-16</b>	
<b>13</b>	Tues.	4-16	Ch7 nervous system	
	Thurs.	4-18	Ch7	
<b>14</b>	Tues.	4-23	Ch7	
	thurs	4-25	Ch8 senses	
<b>15</b>	tues	4-30	Ch6 muscle	
	thurs	5-2	Ch6; Ch 9 endocrine system	
<b>16</b>	tues	5-7	Ch9	
	thurs	5-9	Exam 4: Ch6-9	

### Student Learning Outcomes

Satisfactory performance in this class entails the following:

1. Be able to accurately explain how the major organ systems function
2. Apply one's knowledge of the major organ systems to solve problems based on materials and situations not explicitly covered in lectures
3. Keep up to date with the materials that are covered in class