

**Basic Course Information**

Semester	<b>Spring 2015</b>	Instructor Name	<b>Eddie Chang</b>
Course Title & #	<b>BIOL 90 Anatomy and Physiology for Health Sciences</b>	Email	<b>eddie.chang@imperial.edu</b>
CRN #	<b>20081</b>	Webpage (optional)	<b>See below</b>
Room	<b>2734</b>	Office	<b>2778</b>
Class Dates	<b>1/17/15-6/12-15</b>	Office Hours	<b>See below</b>
Class Days	<b>Tuesday and Thursday</b>	Office Phone #	<b>760-355-6301</b>
Class Times	<b>445p-615p</b>	Office contact if student will be out or emergency	<b>Ofelia Duarte, SME secretary, 760-355-6155 ofelia.duarte@imperial.edu</b>
Units	<b>3</b>		

Tentative Office Hours: Effective, Feb, 23, 2015

Monday/Wednesday	1230-115p in 2778
Tuesday	100p-130p in 2778 630-700p in 2712
Thursday	1100a-noon in 2778 100p-130p in 2717
Other days/times	By arrangement

**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, or BIOL 206 with a grade of "C" or better. (Non-transferable, for AA/AS degree only)

**Student Learning Outcomes**

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

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

**Course Objectives**

Upon satisfactory completion of the course, students will be able to:

1. Identify the basic organization of the human body from very simple to more complex levels.
2. Describe the basic structure and function of cells, tissues, and membranes.
3. Describe the basic organization, structure and function of each of the body's eleven organ systems.
4. Define the concept of homeostasis and describe some examples of homeostatic mechanisms in the body.
5. Describe the components of nutrition and what constitutes a healthy diet.

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6. Describe the basics of human reproduction, development, and heredity.
7. Describe some of the health issues and diseases related to each of the body's organ systems.
8. Discuss changes within the human organism due to the aging process

### Textbooks & Other Resources or Links

Required materials:

Textbook: Essentials of Human Anatomy and Physiology. Saladin and McFarlane. 1<sup>st</sup> ed. ISBN-13 9780072458282

**Course website**: go to [www.imperial.edu](http://www.imperial.edu). Once you're on the college site, you'll see some tabs near of the top of the web page. Click on the "Home" tab. Once you click on the home tab, a list of other tabs will then appear—now click on the "blackboard" tab and you can now log onto blackboard. To log onto blackboard, use the part of your official IVC student email address BEFORE the "@" symbol as the username and the password is your IVC email password.

Once you log in, you'll see the list of courses you're registered for and simply click on the course you're taking for me (eg, BIOL 100 CRN#^\*%+) and you're in!

The website contains the syllabus as well as lecture slides, assignments, review guides, announcements and reminders and other teaching materials for the class . Please check the website often. Feel free to view and download the materials on the site

### Course Requirements and Instructional Methods

In order to pass this class, students must attend the lectures on time. **Lectures are an essential part of this course; therefore, attendance and note-taking are required.**

Students are also expected to complete all assignments, take all exams, participate in any field trips or other class related activities

**Out of Class Assignments**: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

### Course Grading Based on Course Objectives

I do NOT "hand out" grades. You earn your grade!!! Your grade is the result of what YOU do. Your final grade is based on:

4 exams, 100pts each

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

Periodic in class review assignments/pop quizzes about 10-20 points each

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

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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%

Make up Policy: all exams must be made up within 2 weeks of the scheduled exam date

A student may take a make up test due to the following basic reasons:

1. Medical reasons – student’s or immediate family member’s illness.
2. Legal reasons – student is required to be in court.
3. Family tragedy/emergency – e.g. death in the family.

Note: An incomplete grade will be assigned only after a written request by the student stating the reasons why the student cannot complete the course as stipulated in the course syllabus. If the student does not make a written request for an incomplete grade, the student will be assigned a grade commensurate with the total points the student has earned up to the time the grades are turned into the Registrar’s office.

### Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student’s status will be the same as that of any other student who desires to add a class. It is the student’s responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as ‘excused’ absences.

### Classroom Etiquette

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- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class. Absolutely NO TEXTING or other online activities are allowed during the lecture or laboratory sessions. **If you use any electronic devices during an exam, your exam score will be reduced by 50%.**
- Food and Drink **are prohibited** in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- If your disruptive behavior delays the progress of the class- **you OWE me time.** We will stay in class beyond the end of class so we can make up for time lost due to your disruptive behavior. Also, if we are unable to cover the material in class due to disruptions on your part, you will STILL be responsible for it on the exam.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

### Academic Honesty- in other word, NO CHEATING allowed

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment ;(c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment, (e) use of a commercial term paper service

### Additional Help –

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

### Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313 if you feel you need to be evaluated for educational accommodations.

### Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

### Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at [http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)

### Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

### Anticipated Class Schedule / Calendar

WK	DAY	DATE	LECTURE	Remarks
1	Tues.	2-17	Ch.1 introduction	
	Thurs.	2-19	Ch2 chemistry	
2	Tues.	2-24	Ch2	
	Thurs.	2-26	Ch2	
3	Tues.	3-3	Ch3 cells	

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	Thurs.	3-5	<b>Ch3, ch4 tissues</b>	
<b>4</b>	Tues.	3-10	Ch5 skin	
	Thurs.	3-12	Ch6 bones	
<b>5</b>	Tues.	3-17	<b>Exam 1- chapters 1-5</b>	
	Thurs.	3-19	Ch. 6 bones	
<b>6</b>	Tues.	3-24	Ch12 blood	
	Thurs.	3-26	Ch13 circulatory system	
<b>7</b>	Tues.	3-31	Ch13	
	Thurs.	4-2	Ch 15 breathing	
<b>SPRING BREAK 4/6-4/12: NO CLASSES</b>				
<b>8</b>	Tues.	4-14	Ch15; Ch14 lymphatic system	
	Thurs.	<b>4-16</b>	Ch14 immune/defense system	
<b>9</b>	Tues.	4-21	Ch14; Ch17 digestive syst	
	Thurs.	4-23	<b>Exam 2 Ch 6,12,13,15</b>	

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<b>10</b>	Tues.	4-28	Ch17; ch18.2-18.4 metabolism	
	Thurs.	4-30	Ch16 urinary system	
<b>11</b>	Tues.	5-5	Ch16 urinary system	
	Thurs.	5-7	Ch19 reproductive system	
<b>12</b>	Tues.	5-12	Ch19	
	Thurs.	5-14	<b>Exam 3 Ch 14,17,18.2-4,16,19</b>	
<b>13</b>	tues	5-19	Ch8-9 nervous system	
	thurs	5-21	Ch8-9	
<b>14</b>	tues	5-26	Ch8-9	
	thurs.	5-28	Ch10 senses	
<b>15</b>	tues	6-2	Ch7 muscle	
	thurs	6-4	Ch7 muscle; Ch 11 endocrine system	
<b>16</b>	tues	6-9	Ch 11	
	thurs	6-11	<b>Exam 4: Ch7-11</b>	

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