

Basic Course Information

Semester:	Spring 2017	Instructor Name:	Dr. Jia Sun
Course Title & #:	Anatomy and Physiology for Health Occupations – BIOL 090	Email:	jia.sun@imperial.edu
CRN #:	20024	Webpage (optional):	NA
Classroom:	2734	Office #:	2778
Class Dates:	2/13/17 – 6/09/17	Office Hours:	MW 5:15PM-6:25PM TR 1PM-1:50PM
Class Days:	MW	Office Phone #:	(760) 355-6521
Class Times:	6:30PM-7:55PM	Emergency Contact:	jia.sun@imperial.edu
Units:	3		

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. (Nontransferable, 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. Explain how the major organ systems function. (ILO2, IL05)
2. Apply his/her knowledge of organ system function to solve problems based on materials and situations not covered directly in class. (ILO1, ILO2, IL05)
3. Keep up-to-date with the materials that are covered in class. (ILO3, ILO4)

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.
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

Saladin & McFarland *Essentials of Anatomy & Physiology with Connect Access* ISBN: 9780077706746

Course Requirements and Instructional Methods

Exams:

The course includes four (4) equally-weighted lecture exams. While the lecture exams may not be fully cumulative; no concept in biology is truly independent, so each might require knowledge of previously covered material.

iClicker Questions:

Almost all class session includes iClicker questions that students will answer in class based on the lecture given. Each correct answer will be worth one (1) point. Although more than 50 questions will be given over the semester, a total of 50 points can be earned from answering these questions correctly.

Reading Assignments:

One (1) online reading assignment will be assigned for each chapter we cover in lecture, for a total of 20 assignments over the entire semester. Each assignment will be worth 10 points, only 15 out of 20 need be completed for a maximum of 150 points, additional assignment completions will not be counted. In general, assignments are due one (1) week after the respective chapters are scheduled to be covered in lecture.

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.

THE LAST DAY TO DROP THE COURSE WITH A 'W' IS 5/13

Course Grading Based on Course Objectives

Lecture Exams	4 x 100pts	400pts
iClicker Questions	50+ x 1pt	50pts
Reading Assignments	15 x 10pts	150pts

600pts

The Following grade cutoffs are guaranteed:

A: ≥ 90%; B: ≥ 80%; C: ≥ 70%; D: ≥ 60%

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

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- 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 by the instructor.
- 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](#).
- 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

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property. There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **Plagiarism** is taking and presenting 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 "cite a source" correctly, 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 that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing 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 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) using a commercial term paper service.

Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **Blackboard Support Site.** The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **Library Services.** There is more to our library than just books. You have access to tutors in the [Study Skills 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. Please contact them 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.

- **Student Health Center.** A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **Mental Health Counseling Services.** Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#)

Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

Anticipated Class Schedule/Calendar

WK	DATE	LECTURE
1	2/13	Introduction (1)
	2/15	Chemistry of Life (2)
2	2/20	HOLIDAY
	2/22	Cells (3)
3	2/27	Tissues (4)
	3/1	Skin + Bones (5/6)
4	3/6	Exam Q&A
	3/8	EXAM I
5	3/13	Muscles (7)
	3/15	Muscles (7)
6	3/20	Nervous System I (8)
	3/22	Nervous System II (9)
7	3/27	Senses (10)
	3/29	Endocrine System (11)
8	4/3	Endocrine System (11)
	4/5	Exam Q&A
9	4/10	EXAM II
	4/12	Circulatory System I (12)
		SPRING BREAK (4/16-4/22)
10	4/24	Circulatory System II (13)
	4/26	Respiratory System (15)
11	5/1	Lymphatic System and Immunity (14)
	5/3	Lymphatic System and Immunity (14)
12	5/8	Exam Q&A
	5/10	EXAM III THE LAST DAY TO DROP THE COURSE WITH A 'W' IS 5/13
13	5/15	Digestive System (17)
	5/17	Nutrition and Metabolism (18)
14	5/22	Urinary System (16)
	5/24	Reproductive System (19)
15	5/29	HOLIDAY
	5/31	Development and Aging (20)
16	6/5	Exam Q&A
	6/7	EXAM IV

*****Tentative, subject to change without prior notice*****