

Basic Course Information

Semester	Summer 2015	Instructor Name	Jim Pendley
Course Title & #	Biology 200: Human Anatomy/Physiology I	Email	pendley@imperial.edu
CRN #	30120	Webpage (optional)	
Room	2737 lec and lab	Office	
Class Dates	6/24/15-7/30/15	Office Hours	n/a for part-time faculty
Class Days	Check schedule below	Office Phone #	Leave message 355-6201
Class Times	0830- 0945 AM LEC 1000 AM- 1210 PM Lab	Office contact if student will be out or emergency	Department Secretary
Units	4 units		

Course Description

Required language

This is an intensive lecture and lab course designed to study the fundamental principles of human anatomy and physiology at the cellular, tissue, organ and systems level of organization. The course may includes pig and organ dissection, study of the human skeleton, structural and functional relationships, and an appreciation of related human diseases and aging. Additionally, this course may include human cadaver dissection. Prerequisites include Math 091 or MATH 090, and CHEM 100 and BIOL 100 or BIOL 122 or BIOL 180 or BIOL 182 with grades of “C” or better, or MATH 191 or MATH 090 with a grade of "C" or better and a current California LVN/RN license.

Student Learning Outcomes

Upon course completion, with a grade of “C” or better, the successful student will have acquired new skills, knowledge, and/or attitudes as demonstrated by being able to:

1. Demonstrate an understanding of the steps of the scientific method. (ILO2)
2. Communicate an understanding of the various patterns of inheritance of genetic traits
3. Explain how the processes of natural selection influence evolution. (ILO1& ILO2)
4. Perform lab activities properly, and correctly analyze lab data. (ILO1 & ILO2)

Course Objectives

Required language:

Upon satisfactory completion of the course, students with a grade of “C” or better will be able to:

1. The student will list the characteristics of the human organism and describe the body's organization, regions, and cavities.
2. The student will describe the structure and explain the function of the cell membrane, cytoplasm, nucleus and associated organelles. The student will describe genetic regulation and protein synthesis.
3. The student will list and describe the types, function, and locations of the different tissues in the body.
4. The student will describe the structure of the integumentary system and derivatives and

will explain their functions.

5. The student will explain bone formation and functions. The student will also recall the names and location of selected skeletal parts and describe the various types of articulations.

6. The student will explain the molecular theories of muscle contraction and will recall the names, location and actions of selected muscles.

7. The student will explain transmission and regulation of nerve impulses. The student will describe the structure and function of the human brain, spinal cord, and sensory organs.

Rules of Professional Conduct in This Class: Health care professionals are expected to conduct themselves professionally. If health care professionals engage in unethical or unprofessional conduct, they can receive discipline ranging from being fired to losing their license. The following rules of professional conduct are not exclusive. Think about the policy that drives these rules and what other behavior not explicitly mentioned falls within the rules. Unprofessional behavior that is disruptive to the learning environment may result in removal from the class

Textbooks & Other Resources or Links

1) Saladin, Kenneth. 2012. *Anatomy and Physiology: The unity of form and function* (7th edition). McGraw Hill Publisher
ISBN-13: 978-0073403717 or ISBN-10: 0073403717

2) Marieb, E., and S. Mitchell. *Human Anatomy and Physiology Laboratory Manual (Fetal Pig Version)*. 11th Edition. Pearson Publishing
ISBN13: 9780321831569

Course Requirements and Instructional Methods

Required Information—discretionary language

**** A student who fails to attend the first meeting of a class will be dropped by the instructor as of the first official meeting of that class.**

1. Attendance Policy: BE ON TIME for Lecture AND the lab sessions.

2. Active participation in classroom discussions .All students are expected to participate in classroom discussions, in a voice easily heard by all in the room on the various topics presented in class. Learning is not a one-way process -- it requires active involvement in the subject. Expect to be asked for your comment or answer orally, as the lecture goes forward. Points are not awarded nor removed for participation.

3. Classroom Behavior and Conduct: The Golden Rule : Treat others how you would like to be treated, I intend to follow it as well.

Note: While in the classroom, cellular phones are to be turned off or set on silent mode. Turned Off during Tests or Quizzes. A ringing cell phone costs you 10 points of your total. In fairness , if mine rings during lecture or lab the class members present will gain 10 points. If you are on call , tell me before the class starts.

4. WITHDRAWAL POLICY :

If you wish to **drop this class you must do so by going through the proper procedure (ie- thru WebStar) by the proper deadlines.** Don't just stop showing up!!! If you simply stop showing up

instead of “officially” dropping the class thru Webstar, you will receive a grade of “F” for the class! Check with registrar concerning fees or refunds.

Last day to withdraw with no course showing on transcript is June 29th

Last day to withdraw with a “W” is July 21

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

Grading Scale: The student's semester grade will be determined by the total number of points the student has earned in both the laboratory and lecture sections.

A=at least 90% of total points

B=at least 80% “

C=at least 70% “

D=at least 60% “

F= below 60% “

Make up Policy: there will be NO make-up labs or lecture quizzes.

A student may take a make up test in the **next** class period, only if I am forced to by college rule, court appearance (excuse or document needed), extreme personal need (my decision)

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. IVC rules will be followed .

Attendance

Required language

- 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

Required Information --Discretionary language

This is where an instructor explains his/her policy on these matters.

- 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.
- 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

Required Language

- 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 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) using a commercial term paper service.

Additional Help – Discretionary Section and Language

The instructor can add the information pertinent to his or her class here. Some suggested language:

- 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 Study Skills Center (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 Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Required Language: 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

Required Language: 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

Required Language: 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

Information Literacy

Required Language: Imperial Valley College is dedicated to helping 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

You can pass this course, thousands have done so with me. Do not let someone distract you from your goal. If you need to contact me, the best way is by email or leave a message with 355-6201. Pendley@imperial.edu
Safety glasses must be worn in the lab exercises as directed. You must sign an online safety affirmation in order to stay in the classrooms.

WK	DATE	LECTURE	LABORATORY
1			
	6-24	Orientation/intro/chp:1	Lab orientation/safety requirements/Class procedures
	6-25	Chp. 2 Chem Process	Intro human structure
	6-26	Chp. 3 Cells	Semi-Test Chp 1,2 / Microscopes
2	6-29	Chp. 4 Genetics	Microscope/slides
	6-30	Chp. 5 Histology	Slides
	7-1	Chp. 6 Integumentary	Skin models, slides
	7-2	Chp. 7 Bones	Test Chp. 3-6 / Lab catch up if needed
3	7-6	Chp. 8 Skeletal	Skeletons, bone boxes, joints , slides
	7-7	Continued	Cont.
	7-8	Chp. 9 Joints	Cont. / LAB TEST
	7-9	Chp. 10. Muscular Sys	Test chp. 7-9
4	7-13	Chp. 11 Muscular tissue	Muscle models, slides, charts
	7-14	Chp. 11/12 Nervous	"
	7-15	Chp. 12 Nervous	Neuron slides, models, etc.
	7-16	Chp 13, Spinal/reflexes	Test Chp 10-12
5	7-20	Chp. 14 Brain/cranial n.	BRAIN, Models, slides
	7-21	Chp. 14 cont.	"
	7-22	Chp. 15 ANS	"
	7-23	Chp. 16 Sense organs	Test Chp.13-15
6	7-27	Chp. 16 cont.	Eyes, models Ear, vision tests, ...
	7-28	Finish Material	Review materials for Lab Final
	7-29	LAB FINAL	Review for Lecture Final
	7-30	LECTURE FINAL	