

De Anza College
Biology 40 B : Human Anatomy and Physiology
Spring Quarter 2016



Instructors:

Lecture: Miguel Angeles
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Laboratory: Dr. Kandula
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Office hours:

For lecture: TBA (2 hours /week)

For lab: Thursdays 3: 15 – 3:45; by appointment but I can try and work with your schedule.

Lecture: **S34 Tuesdays and Thursday 4:30 pm – 6:20 pm**

Lab: **SC2106 Thursdays 6:30 pm to 9:20 pm**

A. Objectives of the Course

Lecture periods will be devoted to the fundamental anatomy and physiology of the human body with a consideration of medical diseases that arise due to abnormalities in the above. These will be correlated with laboratory procedures when possible. A list of the lab topics and the order in which they will be covered is attached.

The course is the second of a three part series of anatomy and physiology classes.

Class time will be devoted to a continuation of the disciplines of anatomy and physiology with emphasis on basic principles as exemplified in the study of the nervous system, cardiovascular system and the respiratory system.

B. Texts and Materials

Required Text:

- *Tortora Grabowski or Tortora Derrickson, Principles of Human Anatomy and Physiology*
- *Elaine Marieb, Human Anatomy and Physiology Lab Manual*

The students, **you**, are expected to read exercises and answer questions in the lab book and assignment handouts. The homework and assignments will count towards your homework points.

HOMEWORK ASSIGNMENTS MUST BE TURNED IN COMPLETED AND ON TIME TO COUNT TOWARDS YOUR GRADE. Materials from the lab manual, lab notes, classroom discussions and paperwork passed out in class will appear in lab exams.

C. Attendance

Students are expected to arrive to class on time (**failure to do this will result in loss of professional conduct points**) and prepared for every class meeting. Students are responsible for all material missed in any absence. **Make up examinations will not be given.**

D. Study Tips

This is a 5-unit course. As a general rule, it is expected that each unit of a college level course will require three hours of your study time per week. This means that you will need to spend at least 15 hours per week studying for this course. Some students will require more time and other will require less.

E. Examinations and Grading

3 lab exams @ 100 points ea.	= 300 points
homework	= 60 points
professional conduct points	= 20 points

Total = 362 points

Make up examinations will not be given. Grades are based on a percentage of accumulated points.

F. Classroom Policies

1. Homework and assignments must be **turned in completed and on time** to count towards your grade. Homework assignments are assigned every lab session and are due the next lab meeting unless otherwise indicated.
2. In addition **the students are required to access and read the student handbook. An on-line copy is available at** <http://bhs.deanza.edu/StudentHandbook.pdf> This handbook provides

- useful information on how you can improve your chances of success in classes within this department and division. It also outlines expected behavior. The material and expectations contained in this handbook are part of my contract with you and will be applied during this course.
3. **Cheating will not be tolerated and will result in an automatic zero in the concerned assignment and/or exam.**
 4. **Cell phones must be turned off or put in vibration mode prior to the beginning of each class session. Failure to do this will result in a loss of professional conduct points.**
 5. In lab **close-toed shoes are an absolute must.** You will not be allowed in lab with flip-flops, sandals or open toed shoes.
 6. **Eating and drinking are not allowed in lab rooms.** If caught with food or drinks you will be asked to leave that lab session. No food in lecture. No drinks other than water.
 7. Lab periods should be spent studying lab materials, models, skeletons, and bones, observing slides. **Homework should be done at home** and cheating/sharing answers or plagiarism will result in an automatic zero.
 8. **For exams the class will be divided into groups and you will be assigned times to come in and take the exam. You must attend on your lab day and time. No make-up exams or quizzes, no exceptions.**

G. Exam Dates

Midterm I – **April 28**

Midterm II – **May 26**

Final lab exam – **Thursday June 16**

Make up examinations will not be given

H. Other Important Dates

April 16 - last date to add class

April 17 - last date to drop class without a W

May 27 - last date to drop class with a W

IT IS ALWAYS THE STUDENT'S RESPONSIBILITY TO DROP THE CLASS!!!! Failure to drop by May 27 will result in a letter grade.

I. Professional Conduct Points

Every student starts the quarter with **20 points**. These are **yours to lose or keep**.

How do you lose these points?

1. Coming late to class

2. Absent or late for exams
3. Attending the wrong lab day
4. Attending the wrong lab exam time
5. **PHONE RINGING DURING CLASS**
6. Eating or drinking in lab;
7. Turning in homework late.
8. Wearing open toe shoes/flip-flops/sandals to lab.

J. Homework and assignment schedule

The following is a list of homework / assignments with possible points. You will receive points for turning in the above **completed and on time**. You must turn in the work only during **your lab session**. Points will be deducted for homework turned in late. **Homework assignments accompany each lab exercise and are due the following week** unless otherwise indicated.

Assignments will be graded, check your answers.

	<u>Homework/ Assignment</u> (you must do the entire exercise unless otherwise stated during class)	<u>Due Date</u>	<u>Possible points</u>
1.	Ex 17 Histology of Nervous Tissue		5
2.	Ex 19 Gross Anatomy of the Brain and Cranial Nerves		10
3.	Ex 21 Spinal Cord and Spinal Nerves		5
4.	Ex 24 & 25 Special Senses (anatomy and physiology only; no tests)		10
5.	Ex 29 Blood		5
6.	Ex 30 Anatomy of the Heart		10
7.	Ex 32 Anatomy of Blood Vessels		10
8.	Ex 37 Respiratory system		5
	<u>Total points</u>		60

K. Schedule of Topics

The following is a *tentative schedule* with dates that topics will be covered

DATE	LAB TOPIC
4/7/16	Nervous system
4/14/16	Brain and cranial nerves
4/21/16	Spinal Cord and spinal nerves
4/28	Exam I
5/5/16	Special senses
5/12/16	CVS: Blood
5/19/16	CVS: Heart
5/26/16	Exam II
6/2/16	CVS: Blood vessels
6/ 9/ 16	Respiratory System
6/16/16	Final Exam