

# Syllabus

## Biological Science 152: Human Anatomy and Physiology

Tuesday, Thursday 1:30 - 2:20pm CTCC 254

**Instructor:** Frederique Kandel      **Email:** [Frederique.Kandel@adjunct.chaminade.edu](mailto:Frederique.Kandel@adjunct.chaminade.edu)

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**Office Hours:** by appointment

Human Anatomy and Physiology (Bio 152) is the second part of a two semester's course for health/medical sciences programs. Course material this semester encompasses a detailed overview of the special senses (the nervous system) and the following systems: endocrine, circulatory, respiratory, digestive and urinary. The course consists of two lectures (one and a half hour each) and one three hour lab per week. The lab is intended to supplement the lecture and offers the opportunity to observe the structures and functions discussed in lecture.

### Required Texts and Supplementary Materials:

-Fundamentals of Anatomy and Physiology (9th Edition)

Authors:

Frederic H. Martini, Judi L. Nath and Edwin F. Bartholomew

-Computer with internet access

-Access to MasteringA&P

-PAL 3.0 (Practice Anatomy Lab) available in the study area of MasteringA&P.

### Expected Course Learning Outcomes:

1. Identify selected structures of the human body
2. Relate the structures of the human body to their functions.
3. List the organ systems of the human body and explain their functions .
4. Develop basic laboratory and dissection, skills which can be utilized in further investigations
5. Apply knowledge of structure and function learned at one level or system to other levels or systems. .

<b>Grading Policy:</b>		
Attendance/participation	10%	A= 90% and up
Homework	30%	B= 80-89%
Mid-Term	30%	C= 70-79%
Final Exam	30%	D= 60-69%
		F= less than 60%

-Please note that this point system is tentative and may change slightly.

-You are responsible for all material covered in class. If you foresee missing more than one or two days of class, please inform me.

-Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the CUH Counseling Center (Dr. June Yasuhara; phone 735-4845 or email: [jyasuhar@chaminade.edu](mailto:jyasuhar@chaminade.edu)) by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide written documentation will prevent your instructor from making the necessary accommodations. Please refer any questions to the Dean of Students and review the procedures at: [http://www.chaminade.edu/student\\_life/sss/counseling\\_services.php](http://www.chaminade.edu/student_life/sss/counseling_services.php).

**Academic Honesty**

Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action according to the University policies which may include recommendation for dismissal.

**Attendance and submittal of late work and make-up of missed quizzes/exams policy:**

Attendance to all scheduled lectures is required and students should be on time or early. Late-work submittals and make-up of missed quizzes and exams will not be permitted, without prior approval by instructor.

**Withdrawal policy:** Please consult your program coordinators for assistance regarding withdrawal from this course.

**Electronics:**

No cell phone or other electronics use is permitted without specific permission from the instructor.

**Course Structure:** This course is taught in connection with the laboratory portion. Lectures will be formal and full attendance is required. In the event of an absence, lecture information will not be provided by the instructor. It is the student's responsibility to network with peers to get the relevant information. Laboratory will follow lecture topics unless otherwise specified.

**Listed below are the four important components of this course:**

**#1 Lecture**

You should read the chapter corresponding to the relevant lecture. Note taking is highly recommended. Power point lecture will be made available.

**#2 Homeworks**

The mastering A&P assignment will help you stay on track with the material. They must be completed on time and will be graded. The cumulative grade will represent 30% of the grade for this class.

**#3 Examination**

Exams will consist of the following potential question types: multiple choice, fill in the blank, short answer, and essay questions.

**#4 Participation:**

Participation grade includes attendance, group assignments, and participation in class discussions. Every student must sign into the attendance book upon attending class. Failure to attend regular classes for unexcused reasons will result in a grade no higher than a B.

Week	Class	Date	Lecture topic	Chapter
1	1	1/14/2014	Introduction: Syllabus and course outline. Review	
	2	1/16/2014	Special senses	17
2	3	1/21/2014	Special senses	17
	4	1/23/2014	Endocrine system	18
3	5	1/28/2014	Endocrine system	18
	6	1/30/2014	Endocrine system	18
4	7	2/4/2014	Blood	19
	8	2/6/2014	Blood	19
5	9	2/11/2014	Heart	20
	10	2/13/2014	heart	20
6	11	2/18/2014	Blood vessels and circulation	21
	12	2/20/2014	Blood vessels and circulation	21
7	13	2/25/2014	Lymphatic system and immunity	22
	14	2/27/2014	Lymphatic system and immunity	22
8	15	3/4/2014	Respiratory system	23
	16	3/6/2014	<b>MID-TERM</b>	17 to 22
9	17	3/11/2014	Respiratory system	23
	18	3/13/2014	Digestive system	24
10	19	3/18/2014	Digestive system	24
	20	3/20/2014	Metabolism and energetics	25
	<b>Spring Break</b>			
11	21	4/1/2014	Metabolism and energetics	25
	22	4/3/2014	Urinary system	26
12	23	4/8/2014	Urinary system	26
	24	4/10/2014	Fluid, electrolyte and acid/base balance	27
13	25	4/15/2014	Fluid, electrolyte and acid/base balance	27
	26	4/17/2014	Reproductive system	28
14	27	4/22/2014	Reproductive system	28
	28	4/24/2014	Reproductive system	28
15	29	4/29/2014	Development and inheritance	29
	30	5/1/2014	Development and inheritance	29
<b>Final Exam: Tuesday, May 6, 2014. 01:15 –03:15 PM</b>				