

Biological Science 152: Human Anatomy and Physiology

Tuesday	10:00 – 12:50	HL2
Tuesday	14:30 – 17:20	HL4
Thursday	14:30 – 17:20	HL2

Instructor: John Crocker

Email: john.crocker@chaminade.edu

Office: H101

Office Hours: Monday 10:20-12:20 or by appointment

Required Texts and Supplementary Materials:

Michael G Wood Laboratory Manual for Anatomy and Physiology 5th Edition

Computer with internet access

<http://chaminade.college.com>

Supplemental Texts / Materials:

www.masteringaandp.com

Rust, A Guide to Anatomy and Physiology

McMinn, Color Atlas of Human Anatomy

Coloring Atlas for A&P

Netter's Anatomy Flashcards or an anatomy and physiology app

Human Anatomy and Physiology Laboratory (Bio 152L) will conclude the human anatomy & physiology course materials for nursing students. Topics covered will include the control systems, maintenance, and continuity of the human body. Course material encompasses a detailed overview of the following systems: nervous, endocrine, respiratory, urinary, and reproductive system. The course consists of one three hour lab per week; the lab is intended to supplement the lecture and offer the opportunity to observe the structures and functions discussed in lecture. This course is intended for students pursuing careers in nursing or other health occupations, or as an elective course for other majors.

Recommended preparation:

First semester of human anatomy and physiology is required. Concurrent registration in Bio 152 is required unless previously completed.

Expected Course Learning Outcomes:

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

Measure: written exams and quizzes, homework, current issues reports

Strategies for Success

1. Read your laboratory assignments before lab.
2. Attend all labs and study sessions.
3. Actively engage in all activities. Don't divvy up work and copy.
4. Devote a block of time each day to your A&P course. You should be spending 2 hours at home for every class hour. That is 12 hours a week you should spend on lecture and lab.
5. Set up a study schedule and stick to it
6. Do not procrastinate. Spend time studying models, charts, dissections etc during each lab. Don't wait until just before the practicals.
7. Develop the skill of memorization, and practice it regularly
8. Approach the information in different ways and find ways that have special significance to you. The more ways you learn something, the more often you access it, and the more importance you assign it the more easy it becomes to remember
9. Have your classmates help motivate you and form study groups
10. As soon as you experience difficulty with the course, seek assistance

Grading Policy:

Laboratory Exercises	30%
Laboratory Quizzes	10%
Mid-Term Lab Practical	20%
Final Exam Lab Practical	20%
Participation	20%

A= 90% and up

B= 80-89%

C= 70-79%

D= 60-69%

F= less than 60%

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

Academic Honesty:

Students are expected to have read and to abide by the “Student Rules of Conduct” which are available in your copy of Chaminade University’s Student Handbook. Cheating in the form of plagiarism, collusion, or deception will not be tolerated and will negatively affect your grade.

Any plagiarism or other cheating will result in failing the assignment and referral to the dean for disciplinary action, which may include expulsion from the program and the school.

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

Students are expected to attend regularly all courses for which they are registered. Students should notify their instructors when illness or other extenuating circumstances prevents them from attending class and make arrangements to complete missed assignments. Notification may be done by emailing the instructor’s Chaminade email address or by leaving a message with the instructor’s division office (Natural Science and Math 1 (808) 440-4204). It is the instructor’s prerogative to modify deadlines of course requirements accordingly. Any student who stops attending a course without officially **withdrawing** may receive a failing grade.

Unexcused absences equivalent to more than a week of classes may lead to a grade reduction for the course. Any unexcused absence of two consecutive weeks or more may result in being **withdrawn** from the course by the instructor, although the instructor is not required to **withdraw** students in that scenario. Repeated absences put students at risk of failing grades. Late arrival counts as missing half a class.

Late-work submittals and make-up of missed quizzes and exams will not be permitted, without prior approval by instructor and a valid excused absence.

Withdrawal policy:

Please consult your program coordinators for assistance regarding withdrawal from this course.

Electronic Devices

Use of music devices and cell phones is prohibited during all Natural Science and Mathematics classes at Chaminade, unless specifically permitted by your instructor. Use of cellphones and music devices in laboratories is a safety issue. In addition, use of cellphones and music devices in any class is discourteous and may lead to suspicion of academic misconduct. Students who cannot comply with this rule will be asked to leave class and may be subject to laboratory safety violation fines. You will be asked to leave class and marked absent if you do not comply. This will negatively affect your grade. Please refer any questions to the Dean of Natural Sciences and Mathematics.

Electronic devices may be used for referencing class materials and specific lab activities (pictures of specimens) only. Students who cannot comply with this rule will be asked to leave lab and marked absent. This will negatively affect your grade. Please refer any questions to the Dean of Natural Sciences and Mathematics.

ADA Accommodation Statement:

Pursuant to several federal and state laws, including the Americans with Disabilities Act of 1990, as amended by the ADA Amendments Act of 2008, and Section 504 of the Rehabilitation Act of 1973, all qualified students with disabilities are protected from discrimination on basis of disability and are eligible for reasonable accommodations or modifications in the academic environment to enable them to enjoy equal access to academic programs, services, or activities. If a student would like to determine if they meet the criteria for accommodations, they should contact the Counseling Center at 808-735-4845 for further information.

Title IX Statement:

Chaminade University of Honolulu recognizes the inherent dignity of all individuals and promotes respect for all people. Sexual misconduct, physical and/or psychological abuse will NOT be tolerated at CUH. If you have been the victim of sexual misconduct, physical and/or psychological abuse, we encourage you to report this matter promptly. As a faculty member, I am interested in promoting a safe and healthy environment, and should I learn of any sexual misconduct, physical and/or psychological abuse, I must report the matter to the Title IX Coordinator. Should you want to speak to a confidential source you may contact the following:

- Chaminade Counseling Center | 808 735-4845.
- Any priest serving as a sacramental confessor or any ordained religious leader serving in the sacred confidence role.

Guidelines for Communications

The University provides a Chaminade email address for all students. Official Chaminade communications will be sent to the students' Chaminade email address and instructors will use only this email to communicate with students. It is the responsibility of the student to check their email frequently. Report email-related problems to the Helpdesk at 808-735-4855 or helpdesk@chaminade.edu.

When communicating with your professor:

- Use the Chaminade email account provided. (john.crocker@chaminade.edu)
- Always include a subject line.
- Use standard fonts.
- Special formatting such as centering, audio messages, tables, html, etc. should be avoided unless necessary to complete an assignment or other communication.

Week	Beginning	Assignments	Special Information
1	1/11	Exercise 25 Anatomy of the Brain Exercise 26 Autonomic Nervous System	
2	1/18	Exercise 27 General Senses Exercise 28 Special Senses: Olfaction and Gustation	Martin Luther King Day Add/Drop ends Tues
3	1/25	Exercise 29 Anatomy of the Eye Exercise 30 Physiology of the Eye	
4	2/1	Exercise 31 Anatomy of the Ear Exercise 32 Physiology of the Ear	
5	2/8	Exercise 33 Endocrine System Exercise C3 Cat Dissection (Endocrine)	Friday Deadline W (no record)
6	2/15	Exercise 34 Blood Review for Mid Term Lab Practical	
7	2/22	Mid Term Lab Practical	Lab Practical
8	2/29	Exercise 35 Anatomy of the Heart Exercise 36 Anatomy of the Systemic Circulation	
9	3/7	Exercise 37 Cardiovascular Physiology Exercise 38 Lymphatic System Exercise C4 Cat Circulatory System Exercise C5 Cat Lymphatic System	
10	3/14	Exercise 39 Anatomy of the Respiratory System Exercise 40 Physiology of the Respiratory System Exercise C6 Cat Respiratory System	
	3/21	SPRING BREAK	
11	3/28	Exercise 41 Anatomy of the Digestive System Exercise 42 Digestive Physiology Exercise C7 Cat Digestive System	
12	4/4	Exercise 43 Anatomy of the Urinary System Exercise 44 Physiology of the Urinary System Exercise C8 Cat Digestive System	W Deadline Monday
13	4/11	Exercise 45 Anatomy of the Reproductive System Exercise 46 Development	
14	4/18	Inheritance and Review for Final Lab Practical	
15	4/25	Final Lab Practical	Lab Practical