



Chaminade
University
OF HONOLULU

Course Syllabus

[Chaminade University Honolulu](http://www.chaminade.edu)

3140 Waiialae Avenue - Honolulu, HI 96816

www.chaminade.edu

Course Number: BI-152L-01-1

Course Title: Anatomy & Physiology laboratory.

Department Name: Biology

College/School/Division Name: NSM

Term: Spring

Course Credits: 1

Class Meeting Days: Tuesday

Class Meeting Hours: 02:30PM - 05:20PM,

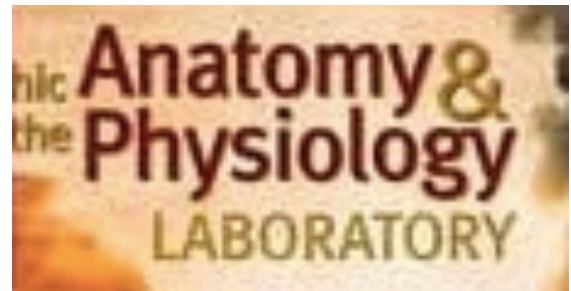
Class Location: Henry Hall, Room L2

Instructor: Gang-Ming Zou, MD, PhD.

Email: gang-ming.zou@chaminade.edu

Phone: 808-440 4211

Office Location: Henry Hall 123C



Office Hours: Tuesday 11am to 12:01pm and by appointment

University Course Catalog Description

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-hours 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.

Laboratory course to accompany BI 152. Materials intensive fee applies

Course Overview

Introduction to Anatomy & Physiology laboratory with an emphasis on clinical approach relevant to health professionals. The laboratory is designed to provide you with hands-on applications of the concepts explored in class.

Marianist Values

This class represents one component of your education at Chaminade University of Honolulu. An education in the Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon the role of these characteristics in your education and development:

1. Education for formation in faith
2. Provide an integral, quality education
3. Educate in family spirit
4. Educate for service, justice and peace
5. Educate for adaptation and change

Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Olelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Olelo No'eau 364) May I live by God
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Olelo No'eau 1957) Acquire skill and make it deep
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Olelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship
4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Olelo No'eau 1430) Education is the standing torch of wisdom
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Olelo No'eau 203) All knowledge is not taught in the same school

A&P Laboratory program learning outcome

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*

Course Prerequisites

Prerequisites: priority will be given to students accepted in the CUH Nursing Major.

Required Learning Materials

This laboratory course will use the material required for the class BI152. Student should purchase (register) in Top-Hat (Like BI 151) for teaching materials

If you are not taking the class, you will need to purchase the access **for Top-Hat** in teaching-study materials. Additional material will be supplied as needed using canvas.

Course Website:

<https://chaminade.instructure.com/courses/17228>

Technical Assistance for Canvas Users:

- Search for help on specific topics or get tips in [Canvas Students](#)
- [Live chat with Canvas Support for students](#)
- Canvas Support Hotline for students: +1-833-209-6111
- Watch this [video to get you started](#)
- [Online tutorials](#): click on “Students” role to access tutorials
- Contact the Chaminade IT Helpdesk for technical issues: helpdesk@chaminade.edu or call (808) 735-4855

Tutoring and Writing Services

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua ‘Ike: Center for Student Learning in a variety of subjects (including, but are not limited to: biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check Kōkua ‘Ike’s website

(<https://chaminade.edu/advising/kokua-ike/>) for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click Account – Notifications – TutorMe. For more information, please contact Kōkua ‘Ike at tutoring@chaminade.edu or 808-739-8305.

Assessment

Laboratory Exercises	30%
Laboratory Quizzes	10%
Mid-Term Exam Lab Practical	25%
Final Exam Lab Practical	25%
Participation	10%

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.

Grading Scale

Letter grades are given in all courses except those conducted on a credit/no credit basis. Grades are calculated from the student's daily work, class participation, quizzes, tests, term papers, reports and the final examination. They are interpreted as follows:

- A** Outstanding scholarship and an unusual degree of intellectual initiative
- B** Superior work done in a consistent and intellectual manner
- C** Average grade indicating a competent grasp of subject matter
- D** Inferior work of the lowest passing grade, not satisfactory for fulfillment of prerequisite course work
- F** Failed to grasp the minimum subject matter; no credit given

Course Policies

Late Work Policy

Assignments must be submitted by the due date. In case of issues, contact the instructor as soon as possible.

Grades of "Incomplete"

As per catalog policy, under exceptional circumstances the instructor can grant an incomplete grade. The work will have to be completed within 90 days.

Instructor and Student Communication

Please use your Chaminade email or canvas to communicate with the instructor via email outside the class. Response time will be within four business days. In-person and Zoom conferences can be arranged.

Cell phones, tablets, and laptops

Out of consideration for your classmates, please set your cell phone to silent mode during class. Students are encouraged to bring laptops or tablets to class as the instructor will assign online activities and readings that will require the use of a laptop or tablet. Laptops and tablets should not be misused, such as checking distracting websites. Use your best judgment and respect your classmates and instructor.

Disability Access

If you need individual accommodations to meet course outcomes because of a documented disability, please speak with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. 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 Kōkua 'Ike: Center for Student Learning by the end of week three of the class, in order for instructors to plan accordingly. If a student would like to determine if they meet the criteria for accommodations, they should contact the Kōkua 'Ike Coordinator at (808) 739-8305 for further information (ada@chaminade.edu).

Title IX Compliance

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. If you or someone you know has been harassed or assaulted, you can find the appropriate resources by visiting Campus Ministry, the Dean of Students Office, the Counseling Center, or the Office for Compliance and Personnel Services.

Attendance Policy

The following attendance policy is from the 2019-2020 Academic Catalog (p. 54-55). Faculty members should also check with their divisions for division-specific guidelines.

Students are expected to attend regularly all courses for which they are registered. Student 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, calling the instructor's campus extension, or by leaving a message with the instructor's division office. 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.

Students with disabilities who have obtained accommodations from the Chaminade University of Honolulu Tutor Coordinator may be considered for an exception when the accommodation does not materially alter the attainment of the learning outcomes.

Federal regulations require continued attendance for continuing payment of financial aid. When illness or personal reasons necessitate continued absence, the student should communicate first with the instructor to review the options. Anyone who stops attending a course without official withdrawal may receive a failing grade or be withdrawn by the instructor at the instructor's discretion.

Academic Conduct Policy

From the 2019-2020 Undergraduate Academic Catalog (p. 39):

Any community must have a set of rules and standards of conduct by which it operates. At Chaminade, these standards are outlined so as to reflect both the Catholic, Marianist values of the institution and to honor and respect students as responsible adults. All alleged violations of the community standards are handled through an established student conduct process, outlined in the Student Handbook, and operated within the guidelines set to honor both students' rights and campus values.

Students should conduct themselves in a manner that reflects the ideals of the University. This includes knowing and respecting the intent of rules, regulations, and/or policies presented in the Student Handbook, and realizing that students are subject to the University's jurisdiction from the time of their admission until their enrollment has been formally terminated. Please refer to the Student Handbook for more details. A copy of the Student Handbook is available on the Chaminade website.

For further information, please refer to the Student Handbook: <https://chaminade.edu/wp-content/uploads/2019/08/NEW-STUDENT-HANDBOOK-19-20-Final-8.20.19.pdf>

Credit Hour Policy

The unit of semester credit is defined as university-level credit that is awarded for the completion of coursework. One credit hour reflects the amount of work represented in the intended learning outcomes and verified by evidence of student achievement for those learning outcomes. Each credit hour earned at Chaminade University should result in 45 hours of engagement. This equates to one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester, 10-week term, or equivalent amount of work over a different amount of time. Direct instructor engagement and out-of-class work result in total student engagement time of 45 hours for one credit.

The minimum 45 hours of engagement per credit hour can be satisfied in fully online, internship, or other specialized courses through several means, including (a) regular online instruction or interaction with the faculty member and fellow students and (b) academic engagement through extensive reading, research, online discussion, online quizzes or exams; instruction, collaborative group work, internships, laboratory work, practice, studio work, and preparation of papers, presentations, or other forms of assessment. This policy is in accordance with federal regulations and regional accrediting agencies.

Schedule (tentative).

Week	Beginning	Assignments	Important this week
1	1/11	Exercise 25 Anatomy of the Brain Exercise 26 Autonomic Nervous System	
2	1/18	Exercise 26 Autonomic Nervous System Exercise 27 General Senses	Add/Drop ends Tues
3	1/25	Exercise 28 Special Senses: Olfaction and Gustation Exercise 29 Anatomy of the Eye Exercise 30 Physiology of the Eye	

4	2/01	Exercise 31 Anatomy of the Ear Exercise 32 Physiology of the Ear	Quiz 1
5	2/08	Exercise 33 Endocrine System Exercise C3 Cat Dissection (Endocrine)	
6	2/15	Exercise 34 Blood Review for Mid Term Lab Practical	
7	2/25	Mid Term Lab Practical	Lab Practical
8	3/01	Exercise 35 Anatomy of the Heart Exercise 36 Anatomy of the Systemic Circulation	
9	3/08	Exercise 37 Cardiovascular Physiology Exercise 38 Lymphatic System Exercise C4 Cat Circulatory System Exercise C5 Cat Lymphatic System	
10	3/15	Exercise 39 Anatomy of the Respiratory System Exercise 40 Physiology of the Respiratory System Exercise C6 Cat Respiratory System	Quiz 2
	3/22	--- SPRING BREAK ---	
11	3/29	Exercise 41 Anatomy of the Digestive System Exercise 42 Digestive Physiology Exercise C7 Cat Digestive System	
12	4/05	Exercise 43 Anatomy of the Urinary System Exercise 44 Physiology of the Urinary System Exercise C8 Cat Digestive System	
13	4/12	Exercise 45 Anatomy of the Reproductive System Exercise 46 Development	
14	4/19	Inheritance and Review for Final Lab Practical	
15	4/26	Final Lab Practical	Lab Practical

The instructor may modify elements of this syllabus according to the operational needs of the class.