**Hill College**

**112 Lamar Drive**

**Hillsboro, Texas 76645**

**COURSE SYLLABUS**

**Course Prefix and Number Course Title**

BIOL2402 **Section: j05 Semester: Fall, 2023** Human Anatomy & Physiology II

**Instructor:** Eleanor T. Bush

**Contact:** Email Address: ebush@hillcollege.edu

**ACGM Description:**

Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.

**Catalog Description:**

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Lecture Hours: \_3\_ Lab Hours: \_3\_ Semester Hours: \_4\_

Pre-requisites: BIOL2401 Human Anatomy and Physiology I (lecture and lab) **or** BIOL2301 Anatomy & Physiology I (lecture) and BIOL2101 Anatomy & Physiology I Laboratory (lab)

Co-requisites: BIOL2102

Introduction and Purpose:

This course is intended to prepare the student for further study in physical education and the allied health fields and to meet the general education requirements for a laboratory science. This course can be used to fulfill core requirements for graduation and/or transfer to senior institutions.

Instructional Materials:

*Human Anatomy & Physiology*, 11th Edition, Marieb and Hoehn, Pearson, 2019

 ISBN 13: 978-0-13-6874034

*Human Anatomy & Physiology I Lab Manual,* Don Nelson, Hill College Science Department, ISBN: 978-1737388104

*A Brief Atlas of the Human Body,* Second Edition, Hutchinson, et al., Pearson, 2007

Supplies & Materials:

Access to a computer with webcam, microphone, and reliable internet connectivity.

Knowledge of Lockdown Browser and Respondus Monitor. Great River Learning online access code or Mastering a and p online access code.

Objectives/Student Learning Outcomes:

At the completion of this course, students should be able to:

1. Use anatomical terminology to identify and describe locations of major organs of each system covered.
2. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
3. Describe the interdependency and interactions of the systems.
4. Explain contributions of organs and systems to the maintenance of homeostasis.
5. Identify causes and effects of homeostatic imbalances.
6. Describe modern technology and tools used to study anatomy and physiology.

Method of Instruction:

This course will be taught face-to-face and by various distance learning delivery methods. Audio-visual materials and computer-based technology will be used when appropriate. Students are required to have access to Schoology and to a computer with a webcam. All testing is done online using Lockdown Browser and Respondus Monitor. Chromebooks, iPhones, and iPads are not compatible with Respondus Monitor and cannot be used for testing.

Methods of Evaluation:

Grades in this course will be based on the following evaluative criteria:

The average of the course curriculum will make up \_50\_% of the students’ grades. The laboratory will make up \_30\_% of the students’ grades. The final exam will make up \_20\_% of the students’ grades.

The grade for this course is based on 1000 points: Lecture Exams (400 points), Homework/Assignments (100 points), Final Exam (200 points), and Lab Average (300 points).

Laboratory grade will be based on attendance, performance on lab quizzes, lab assignments, and practical examinations. Refer to lab syllabus for all requirements and policies.

The Final exam is comprehensive and will be given at the end of the semester. The exam is taken online using Lockdown Browser and Respondus Monitor. There will be Review/Study Questions on Schoology for the final exam.

Letter grades for the course will be based on the following percentages:

90-100% A 900-1000 points A

80-89% B 800-899 points B

70-79% C 700-799 points C

60-69% D 600-699 points D

Below 60% F Below 600 points F

Course Policies:

1. Free tutoring is available to Hill College students. Please visit <https://www.hillcollege.edu/Student/Advising/Tutoring.html> for more information.
2. If a student participates in any behavior that can be characterized as academic dishonesty (including cheating on an exam or assignment, or plagiarizing a written paper), then he/she will be reprimanded by the instructor, and he/she will receive a 0 on the assignment. If the behavior occurs again, then the student will be referred to the Dean.
3. Student conduct outlined in the policy manual (found here:  https://pol.tasb.org/Policy/Section/649?filter=F) will be enforced in this class. The complaint process is also described in the policy manual. Plagiarism is also described in the policy manual.
4. All students must be signed for a lab section (BIOL2102) as well as a lecture section (BIOL2402), and they need to be taken concurrently.
5. Lecture exams will be taken online using Lockdown Browser and Respondus Monitor. Students are required to take the exams during scheduled times to get full credit. If a student misses a lecture exam, it is that student’s responsibility to arrange a conference to discuss the reason for missing the exam, and the possibility of taking a make-up exam. Make up exams must be taken within one week after the missed scheduled exam. Failure to comply will result in a grade of zero for the exam.
6. If a student misses the Final Exam, he/she will receive an incomplete for the final grade, which will be changed to a letter grade when the final exam is taken the following semester.
7. All Homework/Assignments will be placed on Schoology and must be taken by the due date. NO LATE WORK will be accepted! Work not completed by due date will result in a grade of zero. Exception to this rule would be a written excused absence (ex. Illness, death in family, etc.) Job and/or vacations are not considered exceptions.
8. The census date is September 13th. If you do not attend class by that date, I will be required to turn you in as “Not Attending”. This can impact your financial aid.
9. Students are expected to attend both lecture and lab each class period, be aware of, and meet deadlines on class assignments and exams. Regular attendance is important to succeed in this course.
10. Cell Phones – When not being used in a classroom activity, should be in silent mode, or placed on vibration during class time.
11. I am an adjunct and do not have an office. If you have questions about the course, schedule a conference time after class or email me. I will answer your emails within 24 hrs. Working hours are Monday through Friday 8AM-5PM. Any emails received after 5PM Friday will be answered as time permits.
12. Chapter notes, assignments, etc. will be posted on Schoology. It is your responsibility to check Schoology on a regular basis, and to obtain your notes, assignments, etc.
13. Extra credit will also be available on Schoology. Each extra credit assignment will be time sensitive. There will be no extra credit or extra work available to boost your grade at the end of the semester.

Topic Outline:

* 1. Major areas to be covered in lecture are structure and function of the:
		1. Endocrine System
		2. Blood
		3. Cardiovascular System
		4. Lymphatic System
		5. Innate and Adaptive Body Defenses
		6. Respiratory System
		7. Digestive System
		8. Metabolism
		9. Urinary System
		10. Fluid, Electrolyte, and Acid-Base Balance
		11. Reproductive System
		12. Human Development and Heredity

Disabilities/ADA

Reports of discrimination based on disability may be directed to the ADA/Section 504 coordinator.  The College District designates the following person to coordinate its efforts to comply with Title II of the Americans with Disabilities Act of 1990, as amended, which incorporates and expands the requirements of Section 504 of the Rehabilitation Act of 1973, as amended:

Name:           Lizza Ross

Position:       Vice President Student Services

Address:     112 Lamar Drive, Hillsboro, TX  76645

Telephone: (254) 659-7601

Students with qualified and documented disabilities may request accommodations which will enable them to participate in and benefit from educational programs and activities.  Students should contact the Academic Advising and Success Center for more details at 254-659-7650 for Hill County Campus, 817-760-5650 for Johnson County Campus, or 817-295-7392 for Burleson Center.

  Title IX

Reports of discrimination based on sex, including sexual harassment or gender-based harassment, may be directed to the Title IX Coordinator.  The College District designates the following person to coordinate its efforts to comply with Title IX of the Education Amendments of 1972, as amended, and related state and federal laws:

Name:          Adrian Riojas

Position:       Dean of Students

Address:      2112 Mayfield Parkway, Cleburne, Texas 76033

Telephone: 817-760-5504

Email:          ariojas@hillcollege.edu

Webpage:   [TitleIXcontact (hillcollege.edu)](https://www.hillcollege.edu/Faculty_Staff/HR/Title9.html)

**Statement of Nondiscrimination:** The College District prohibits discrimination, including harassment, against any employee on the basis of sex. Retaliation against anyone involved in the complaint process is a violation of College District policy and is prohibited.

The College District prohibits discrimination, including harassment, against any student on the basis of race, color, national origin, disability, religion, age, or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy and is prohibited.

07/12/2022)

The information in this syllabus is subject to change.

Signature Page

Please read the statement below and sign the appropriate lines within and at the bottom of the page.

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ do acknowledge that I received and/or have access to a copy of the course syllabus.

I understand the course requirements.

I have also been shown or provided the link for the policy manual and I understand that I am responsible for my behavior and will be held accountable for my actions.

I understand that I will follow the policy manual regarding student conduct.

I further understand that if I have a complaint or grievance relating to this class, I should follow the chain of command according to the Hill College Policy.

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acknowledge that I must be signed up for a lab as well as a lecture.

I am signed up for BIOL2102 \_\_\_\_\_\_ lab with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 Section Lab Instructor

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Signature Date