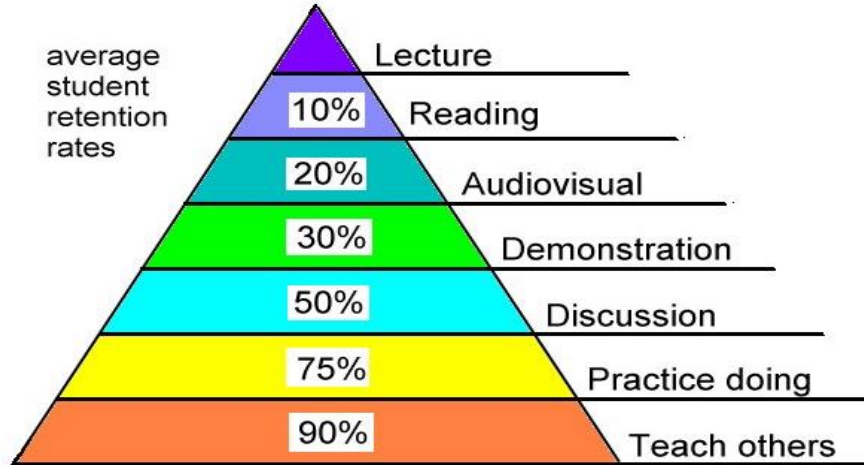


Anatomy and Physiology II Spring C 2023 (Jan 9th - May 4th)
BSC 2086-07 Tues 2-121 6:30-7:45pm
Thurs on ZOOM 6:30-7:45pm
BOTH meetings are mandatory!

Learning Pyramid



Source: National Training Laboratories, Bethel, Maine

I. Course Information

Course Title:	Anatomy and Physiology II	Course No. and Section:	BSC2086-01 Tues 2-121 6:30-7:45pm Thurs on ZOOM 6:30-7:45pm BOTH meetings are mandatory!
Credit Hours:	03	Instructor Name:	Prof. Lewis, M.S. Molecular Biology & Microbiology. <i>Please do NOT call me by my first name, Miss, Ma'am or Mrs. You may address me as Prof, Professor with my last name.</i> Please also let me know your preferred name & pronouns!
Course Location:	2-121 & zoom	Meeting Dates:	Tues 2-121 6:30-7:45pm Thurs on ZOOM 6:30-7:45pm BOTH meetings are mandatory!
Office Location:	2- 218F & Zoom	Student Office Hours:	Mon: 3:15-4:05pm BOTH office 2-218F or 2-214 Tues: 2-5pm BOTH office 2-218F or Zoom link Wed: 3:15-4:05pm BOTH office 2-218F or 2-214 Thurs: 2-5pm Zoom link ONLY Fri: 12-12:50pm office 2-218F or Zoom link. OR Fri evening BOTH 7:30pm-8pm in 2-126 or office 2-218F
Telephone No.:	352-854-2322 x1467	E-mail:	Lewisvok@CF.edu Students zooming into office hours (links in Canvas) will have faster responses than email OR Canvas messages...
Required Text – Title:	Fundamentals of Anatomy and Physiology	Author of Text:	Frederic H. Martini

Edition:	11th ed. with Mastering A & P access	ISBN No.:	9780134810423
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Other Required Materials:	<ol style="list-style-type: none"> 1. One 3 ring binder (1 ½-2 inch) 2. Three to Six Composition books (spiral notebooks are NOT acceptable) 3. Color pencils 4. Pen (blue or black)
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Optional Materials: Openstax.org & Tracing paper or tracing sticky notes

Course Description: The sciences of anatomy and physiology are the foundation for understanding the structures and functions of the human body. We will look at how each structure of the body is designed to carry out a particular function and how the structure of a part often determines the functions it can perform. In this course you will examine: (a) the molecular, cellular, and tissue levels of organization, (b) how the body systems relate to one another, and (c) the physiological processes responsible for maintaining homeostasis.

COURSE OBJECTIVES:

- Consider the levels of organization that characterize living things and the properties all living things share.
- Examine how the body constantly regulates its internal environment (homeostasis)
- Discuss how the various individual systems that compose the human body cooperate with one another to maintain the health of the body as a whole.
- Establish a basic vocabulary that allows us to speak about the body in a way that is understood by scientists and health-care professionals.
 - See Student Learning Outcomes & Description below

Student Core Competencies: This course seeks to reinforce the following Student Competencies: **Think** clearly, critically and creatively by analyzing, synthesizing, integrating and evaluating symbolic works and truth claims. Reflect on your own and others' **values** from individual, cultural and global perspectives.

Communicate by reading, listening, writing and speaking effectively. **Act** purposefully, reflectively and responsibly by implementing effective problem solving and decision-making strategies.

Student Office hours: Are for one on one or small group help with course materials in my office or after a class/lab session. These are the times to come get your questions answered! Preferably starting the first two weeks of classes NOT the day of an exam. If more than a few of you want to meet for help let me know ahead of time & I can pull a cart OR we can move to the LRC 101J, Building 3. That is our OPEN A&P lab, which also has FREE tutoring. Keep in mind that there is also a Math Lab in building 7 if you are struggling with the math in this course!

Canvas messages & Email: Please allow 24-48 hours for a response Monday through Friday & NO I do not regularly check email or Canvas messages on Saturday or Sunday. Scheduled holidays may extend the response time. However, during the week I have 10+ office hours that students can pop into, my Student office hours should be quicker for a response! I do check my Canvas messages periodically throughout the day so some responses should be quicker. *However, most professors have up to 300 students, so please be patient.*

Extended Emergency Closure: For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu.

II. Course Description & Instructor's Expectations of Students (Student Core Competencies continued):

1. All students are expected to have an active interest in the course and to participate in the presentation of each topic. The pace of this course is rapid; we will cover approximately 1.5 to 3 chapters a week in lecture sessions (and online) and each exam will cover three to several chapters. You must read and prepare ahead of time for each of the class topics prior to the tests to be successful, so be sure to pay attention to time management. Because of the nature of the material and the thought processing required to understand topics covered in this course, you will need to keep up with your reading/studying to be successful in this course. The instructor is a facilitator who will assist student learning; it is the responsibility of the student to actively seek understanding of the material. If you have a concern with the course contact me before contacting the Science Department, Chair or anyone else at the college. If you contact them first they will refer you back to me. **Remember I am here to HELP YOU!! READING and asking questions are required for successful completion of this course.** Please do NOT call me by my first name, Miss, Ma'am or Mrs. You may address & refer to me as Prof, Professor or by one of my last names. **If you go by a nick name please let me know, so I may properly address you too!** If you accidentally use a female salutation when communicating with me do not get flustered or embarrassed, learn & move forward. (My pronouns are: she/her)
2. I can be contacted through Canvas messages while awaiting to be assigned a CF email address. I will reply within 1-48 hours of being contacted through Canvas on weekdays 9am to 5pm. *I rarely check my email on the weekends or after 6pm on weekdays! This means if you miss a deadline after 6pm on a weekday or on a weekend I will NOT be available to aid you until the next weekday or the following Monday or Tuesday at the latest, which is why early work is encouraged! Do NOT expect me to reply to an email 5 minutes after you have sent it, there are times in the semester where it may take me 48 hours to respond to your email, please be patient and review the "Netiquette" guidelines below.
3. **Netiquette (Discussion Boards, Email, ALL Online & Virtual communications):** The term 'netiquette' refers to the awareness of the need for a certain code of behavior (etiquette) in electronic environments (the net) Net + Etiquette = netiquette.

In order to maintain a positive online environment for our class, we all need to follow the netiquette guidelines summarized below **all students are expected to:**

- Always show respect for the professor, tutors and for other students in the class discussions, online & via email/canvas messages. This includes ADDRESSING YOUR CLASSMATES, Tutors, BY NAME IN EACH DISCUSSION REPLY & message. Remember to address me by my last name.
- Always respect the privacy of other students
- Always express differences of opinion in a polite and rational way
- Always maintain an environment of constructive criticism when commenting on the work of other students (language that is negative, disrespectful or stereotyping WILL result in being withdrawn from the course).
- Always avoid bringing up irrelevant topics when involved in group discussions or other collaborative activities
- Always avoid asking Tutors, and Lab Techs answers to quizzes, tests, labs activities etc. Please ask me directly & no one else.
- Always avoid discussing your personal grades and scores with anyone in the course including Tutors, and Lab Techs. Please ask me directly & no one else.

The following list summarizes the kind of behavior that is not acceptable. Each item listed below is grounds for removal from the class. **Students are expected to avoid:**

- Never show disrespect for the professor, tutors, and other students in the online class, discussions, or via email.
- Never send messages or comments that are threatening, harassing, or offensive
- Never use inappropriate or offensive language that is negative, disrespectful or stereotyping of ANY people, culture, ethnicity, gender, other students, faculty, or staff
- Never convey a hostile or confrontational tone when communicating or working collaboratively with other students
- NEVER ask for answers to quizzes, tests, labs activities etc.
- NEVER ask Tutors or Lab Techs answers to quizzes, tests, labs activities etc. Please only ask me directly.
- NEVER discuss your personal grades and scores with anyone in the course including Tutors, Lab Techs or Teaching Coaches. Please ask me directly & no one else.

****If I feel that a student is violating or has violated any of the above guidelines, I will contact that student to discuss the situation in person. If you feel that a student is behaving inappropriately, please send me a private email or Canvas message explaining the situation as soon as possible. If you are engaging in electronic environments as a member of this class then you are subject to the same expectations and rules of conduct any instructor, staff, or administrator might expect of you in a face-to-face environment. Additionally, whether or not you are entering an electronic environment as a member of the class, if you are doing so via a Canvas or Atlas account, you are legally responsible to abide by Central Florida College's policies and expectations. Students may be referred to a Dean and/or withdrawn from the course for violating any Central Florida College's or course specific policies**

III. Student Learning Outcomes/Course Objectives

Institutional Learning Outcomes	Quiz	Exam	Project/Paper	Classroom Activity	Service Learning
Critical Reasoning: The student will reflect, analyze, synthesize, and apply critical thinking.				X	
1. State question at issue.	X	X		X	
2. Identify purpose of argument.	X	X		X	
3. Identify the ideas and concepts, information and data, and the use of such in the argument.	X	X		X	
4. Identify assumptions, bias, and point of view of information presented.	X	X		X	
5. Create plausible solutions and implications of solutions.	X	X		X	
6. Evaluate (Steps 1-5) and revise if needed.	X	X	X	X	X

IV. Assessment

- The instructor does not give you a grade. He/she records the grade you the student have earned over the term based on the work completed and grades earned.
- Absences may adversely affect your performance and result in lost points due to missed class assignments, tests and quizzes.
- Prolonged absences may make withdrawal from the course the only viable option.
- Non-attendance does not constitute withdrawal from this course. It is the student's responsibility to complete the withdrawal forms by the appropriate date.
- No make-up work will be given unless there is an emergency or prior approval has been given by the instructor. In such an event, you must notify your professor before the exam or item is due unless the emergency prohibits it and you will be asked to bring proof of the emergency. A make-up exam must be taken

within one week of the original exam date unless the emergency prohibits it. While you do not need to disclose personal details, let your professor know as soon as possible if something is preventing you from participating online or completing work.

NOTE: It is recommended that students do not travel or take vacations during this course. However, if a student chooses to do this, they must ensure that they have reliable wifi and computer access. They will be expected to complete all assignments as scheduled and quizzes AND lab practicals ahead of time.

- Any Student who misses two classes (or is late to two or more lecture/class, or misses a class and is late to two class) that does not have documentation e.g., a doctor’s note will be dropped an ENTIRE LETTER GRADE. See also below the “Make-Up” Policy.

Your final grade will be calculated based on:

50% Tests/Quizzes + 50% Activities, active participation & attendance and Mastering A&P assignments^
 ^Access code will be required for Mastering A&P – **There is a TWO WEEK FREE trial, so do NOT ask for extensions the first two weeks. The etext is available in this trial too!**

Grading scale:

A	90.0-100
B+	87.0-89.9
B	80.0-86.9
C+	77.0-79.9
C	70.0-76.9
D	60.0-69.9
F	0-59.9

V. Course Schedule/Outline

Preparation, Activities and Evaluation	Week/Module
Chapter 18 – The Endocrine System	1/9 Week1/Module1
Chapter 18 – The Endocrine System Chapter 19 – Blood	1/17 Week2/Module1 *1/16 is MLK Day no classes on Monday 1/16 only
Chapter 19 – Blood Test #1 Review: Chapters 18 and 19	1/23 Week3/Module1
Chapter 20 – The Heart Test #1: Chapters 18 and 19	1/30 Week4/Module1 & 2 Review on Wed
Chapter 21 – Blood Vessels and Circulation *Tues 2/14 Faculty Development Day NO Tues classes/labs scheduled	2/6 Week5/Module2

Chapter 22 – Lymphatic System and Immunity Test #2 Review Mon: Chapters 20, 21 and 22	2/13 Week6/Module2
Test #2: Chapters 20, 21 and 22 Chapter 23 – The Respiratory System	2/20 Week7/Module2
Chapter 23 – The Respiratory System Chapter 24 – The Digestive System	2/27 Week8/Module3
Chapter 24 – The Digestive System Chapter 25 – Metabolism and Energetics	3/6 Week9/Module3
Spring Break, College Closed	3/13 Week10/Module3
Test #3 Mon: Chapters 23, 24 and 25	3/20 Week11/Module3
Chapter 26 – The Urinary System Chapter 27 – Fluid, Electrolyte, and Acid-Base Balance Withdrawal deadline is 3/31	3/27 Week12/Module4
Chapter 27 – Fluid, Electrolyte, and Acid-Base Balance	4/3 Week 13/Module4
Chapter 28 – The Reproductive System Chapter 29 – Development and Inheritance	4/10 Week14/Module4
Chapter 28 – The Reproductive System Chapter 29 – Development and Inheritance	4/17 Week 15/Module4
Chapter 29 – Development and Inheritance Review Test #4: Chapters 26, 27, 28 and 29	4/24 Week16/Module4
Test #4: Chapters 26, 27, 28 and 29 BSC 2086-01 Tues 5/2 at 6:30pm	4/28-5/1 Finals Week BSC 2086-01 Tues 5/2 at 6:30pm

*STATEMENT: Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes.

Other documents that will be covered on the syllabus quiz to read:

- Student survey, print, complete & hand in week 2
- How to post to a discussion with replies
- How to Calculate your grade, read & ask questions as needed
- Learning Style inventory complete & upload