

HUMAN ANATOMY & PHYSIOLOGY BI 232 – Winter 2019

INSTRUCTOR: Steven Skarda

CLASS: MW 1 – 2:50 T - 215

PHONE: 917-4654

LAB: R WOH - 216

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OFFICE WHO 222: M 10 – 11 W 11 - 12

Class Website: MOODLE

Mastering A&P Course ID: MAPSKARDA82694

CRN: 33381 R 11-1

CRN: 33382 R 1-3

COURSE DESCRIPTION: BI 232, is part of a three-term sequence intended for those entering the health profession. This course has a prerequisite of BI231. BI 232 covers the Nervous system, Special senses, Endocrine system, Blood and Heart.

Activities are designed for different learning styles and include: lecture, lab work, discussion, homework, in class activities, on-line activities and case studies. Quizzes and midterms are multiple-choice. Some questions test your memory of structures and functions, while others require an application of knowledge to unique situations. It is important to realize that the course is much more than learning a series of related facts and concepts. You will need to apply your knowledge and use critical thinking and problem solving. This may require you to develop new learning skills and strategies, so it is part of the class goal is to facilitate the development of these skills.

REQUIRED MATERIALS

Marieb and Hoehn, Anatomy & Physiology, 11th edition
Modified Mastering A&P Online Access
Anatomy & Physiology Custom Lab Manual for LBCC
BI 232 Study Guide: Human Anatomy & Physiology
5 Scantrons
Green book or Blue book

GRADING: Points are a combination of activities. Tentative point distribution:

Quizzes 2 @ 25 questions each	100 pts.
Midterms 2 @ 50 questions each	200 pts.
CNS Quiz (20) & Heart Quiz (10)	30 pts
Final Exam	100 pts
Homework/Labs (50)/ Mastering A&P	<u>100 pts</u>
	530 pts

Course grade will be based on the following;

90 – 100% = A	60 - 69 % = D
80 – 89 % = B	< 60% = F
70 - 79% = C	

Mastering A&P assignments can be found here. The code and directions are in the Mastering A&P student access kit that came with your bundled text package. If you did not purchase the packet, you may purchase the access code on the Pearson website. Mastering A&P Course ID: MAPSKARDA82694

CLASS ATTENDANCE/MAKE-UPS

MAKE-UP TESTS will NOT be given after the scheduled date for an exam except for reasons of illness or emergency beyond the student's control. **CONTACT ME BEFORE TEST TIME IF ABSENCE IS UNAVOIDABLE.** If for any reason you are unable to take a quiz or midterm at the scheduled time, and fail to make arrangements with the instructor prior to the exam, you will be given an essay make up exam before the next scheduled class time. Otherwise the quiz and midterm points will be added to the final

exam. All assignments are due at the beginning of class or at the end of class if it was the day's assignment. After five minutes no papers will be accepted. There will be only one paper accepted late.

Attending all classes is essential for achieving a good grade in the course.

With regard to TRAVEL PLANS – It is your responsibility to make certain that any travel plans you make, or are made for you, do not conflict with the course calendar provided for this course.

Travel plans conflicting with scheduled assignment due dates or exam/quiz dates do not excuse you from missing critical course dates.

Do NOT ask me to “round-up” your grade, consider your “special circumstance(s)” (unless backed by LBCC policies), or offer you additional extra credit to boost your grade.

If you are worried about your grade, **be proactive** and come to my office for help and/or use any available resource to help you achieve the grade you want.

Simply sending your instructor an email does not then make it his/her responsibility to follow-up with you as the student.

Laboratory

Laboratory attendance is an important aspect of this course and is *essential* for a good grade. Material presented in lab will both complement lecture material and represent a portion of each future exam. You must attend at least 60% of the labs to pass the class. On occasion, assignments will be due at the end of the lab period. If you are absent from lab, it will be your responsibility to learn the material presented during that lab period but you will be unable to make up the lab activity or quiz.

If you miss an exam without prior arrangements, you will be allowed to make it up at the instructor's convenience, **but within three days of the originally scheduled date.**

MOODLE will be used in this course as a means for communication and facilitation of success in this course. Homework, Prelabs, lecture materials, supplemental materials, and assignments may be posted to the Moodle site. As such, it is the responsibility of the student to establish their access to the Moodle site and update their email address on the site to ensure they receive any correspondence from me or other students.

INCLEMENT WEATHER POLICY If LBCC is open, class will be held as scheduled. Only if the campus is closed will an exam be postponed and this will be made up on the next scheduled class date following the closure. No special exceptions will be made for those who could not make it to class - be prepared for alternate methods. You may visit the college website for closure information.

Study Suggestions

There are many study strategies that can help you be successful in this class. These include the following: **Rewrite class notes** each day so you can gauge your understanding and ask questions on material you do not understand the next class, **keep up** with the information presented in class by **reviewing** a little each day, **reading your textbook** when there are areas that we have covered in class that are unclear to you, and **turning assigned work in on time.** It is very important that you keep up with the material and not get behind. Read your textbook assignments prior to lecture, and then re-read areas that we covered in class that are unclear to you. Be sure to get any assigned work turned in on time. Most students find it helpful to participate in a **study group** that meets for an hour or two once or twice per week to review. Use the study group to check your knowledge, quiz each other, and ask each other about points you don't understand and help each other learn difficult material. It is important for you to find out what you are unclear on and what you don't understand before a quiz or exam; the study group allows you to do this in a non-threatening environment.

Keeping up with your reading and participating in a **study group** really pays off in the long run, because you will not have to “cram” for exams. More importantly, studying regularly helps you learn better. You will find that every topic is connected to those that precede and follow it. If you study and understand each topic as you go, you will have a firmer foundation for learning what comes next.

Attending all classes is essential for achieving a good grade in the course. There will be a variety of activities during these meetings including: lecture, discussions, discovery worksheets, and group work. Use your course calendar to identify the topics for class and scan the material in your book before class.

LEARNING ENVIRONMENT

I value the learning experience of *every* student in my classroom. I ask that we do not tolerate any disrespectful or disruptive behavior in the classroom. If you have a concern or witness anything in class, please let me know. Maintaining a respectful and peaceful classroom atmosphere is an important component to facilitating your success as students.

STUDENT BEHAVIOR: Although collaboration is important in learning, ultimately each student is responsible for demonstrating individual ability. Cheating on exams and copying homework/lab activity reports will result in a zero for that activity and may result in further disciplinary action. Likewise, attendance and participation are an essential part of the college experience, and any behavior that interferes with other student’s learning or personal safety may result in further disciplinary action. The basis for determining behavior and expectations in this class is outlined in the LBCC Student Handbook.

Students who are using cell phones, texting, or using computers for non-class related activities will be asked to leave regardless of the class activity at that time. This may result in the forfeiture of quiz scores, extra credit or in-class earned points. Use of electronic devices not related to class business is distracting and disrespectful to your fellow students and the instructor.

If you leave class to answer/place a call/text message, you will be asked to leave for the rest of the day. If you needs to have a phone on (emergency only) must clear it with the instructor.

*Disruptive children are not allowed in the classroom while students are attending class.

Center for Accessibility Resources – Meet with Instructor Week One

You should meet with your instructor during the first week of class if

- you have a documented disability and need accommodations,
- your instructor needs to know medical information about you, or
- you need special arrangements in the event of an emergency.

If you believe you may need accommodation services please contact Center for Accessibility Resources, 917-4789. If you have documented your disability, remember that you must make your request for accommodations through the Center for Accessibility Resources Online Services web page every term in order to receive accommodations.

"Additional instructional services, beyond classroom instruction and instructor consultations, are available for all students at the Learning Center and The Support Lab at RCH-114."

The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. We actively support this right regardless of race, creed, color, gender, sexual orientation, and as otherwise noted in Board policy. (related to Board Policy #1015)

BI 232 Human Anatomy & Physiology – Tentative Schedule of Events*¹

Week 1 Course Introduction
Jan 7 CH 11 – Fundamentals of the Nervous System
Lab Neurophysiology

Week 2 CH 12 – Central Nervous System
Jan 14 **Lab** Brain Anatomy

Week 3 **No Class Monday - MLK Holiday**
Jan 21 CH 13 – Peripheral Nervous System
CH 14 – Autonomic Nervous System
CNS Quiz in lab (20 pts)
Lab Spinal Cord & Reflexes / General Senses
Quiz #1 – Wednesday the 23rd



Week 4 Complete ANS
Jan 28 Start CH 15 – Special Senses
Lab Sight & Hearing

Week 5 More Special Senses
Feb 4 **Midterm #1 – Wednesday Feb 6th**
Lab Endocrine Disorders

Week 6 CH 16 – Endocrine System
Feb 11 **Lab** Endocrine Order/Disorder

Week 7 **No Class Monday – Presidents Day**
Feb 18 **Quiz #2 – Wednesday Feb 20th**
Lab Endocrine Talk



Week 8 CH 17 - Blood
Feb 25 **Lab** Blood

Week 9 CH 18 – Cardiovascular System: The Heart
Mar 4 **Midterm # 2 Wednesday March 6th**

Week 10 Electrical and mechanical cycle of the heart.
Mar 11 **Lab** Heart Dissection and **Heart Quiz**

Comprehensive Final Exam

Wednesday, March 20 at 1:00 – 2:50 am T - 215

¹ This is a tentative schedule of class events and is subject to change – attend class to keep current!