

Montgomery County Community College
Part A. BIO 132 Fall 2009 Syllabus and Schedule

Text: Principles of Anatomy and Physiology – 12th ed. Tortora/Derrickson

Lab Manual: Human Anatomy and Physiology Laboratory Manual - Marieb
A. Baccari

Course Description

This course is a 4 credit, laboratory course that is a continuation of BIO 131, Human Anatomy and Physiology I, with study of the normal and pathological structure and function of the human body. Emphasis will be placed on circulatory, lymphatic, respiratory, digestive, urinary, endocrine and reproductive systems. Dissection of preserved animal material is required.
Prerequisite: BIO 131

Tentative Schedule

UNIT	Text Chapters	Laboratory	Tues/Thurs Secs	Mon/Wed Secs
Unit I	18 - Endocrine	Unit 10	Sept. 3, 8, 10, 15, 17	Sept. 2, 7, 9, 14, 16
	28 - Reproductive			
Unit I Test			Sept. 22	Sept. 21

UNIT	Text Chapters	Laboratory	Tues/Thurs Secs	Mon/Wed Secs
Unit II	24 - Digestive	Unit 15	Sept. 22, 24, 29, Oct. 1, 6, 8	Sept. 21, 23, 28, 30, Oct. 5, 7
	25 Nutrition and Metabolism			
Unit II Test			Oct. 13	Oct. 12

UNIT	Text Chapters	Laboratory	Tues/Thurs Secs	Mon/Wed Secs
Unit III	19 - The Blood	Unit 13	Oct. 13, 15, 19, 20, 22, 27	Oct. 12, 14, 19, 21 26, 28
	20 - Cardiovascular	Unit 11		
	21 - Circulation			
Unit III Test			Nov. 3	Nov. 2

UNIT	Text Chapters	Laboratory	Tues/Thurs Secs	Mon/Wed Secs
Unit IV	22 - Lymph/Immunity	Unit 11	Nov. 3, 5, 10, 12, 17, 19	Nov. 3, 5, 10, 12, 17, 19
	23 - Respiratory	Unit 12		
Unit IV Test			Nov. 24	Nov. 23

UNIT	Text Chapters	Laboratory	Tues/Thurs Secs	Mon/Wed Secs
Unit V	26 - Urinary	Unit 14	Nov. 24, Dec. 1, 3, 8	Nov. 23, 30, Dec. 7, 9
	27 - Fluid and Electrolyte			
	Acid/Base			
Unit V Test			Dec. 10	Dec. 14

COMPREHENSIVE FINAL EXAM-----Week of Dec. 16 - 22

Your grade in this course will be determined on a point system as follows:

10 best weekly quizzes X 20 points each ----- 200 points (20%)

5 unit tests X 120 points each----- 600 points (60%)

Final Exam----- 200 points (20%)

To determine points earned on unit tests, multiply the percentage score by 1.2

To determine points earned on final exam, multiply the percentage score by 2.

To determine points earned on weekly quizzes, multiply each by 2.

Extra credit will be assigned for two synopses. Successful completion of each will permit an addition of 10 extra points to the point totals. Resubmits will not be permitted so careful attention to the instructions for writing and submitting them is critical to earning the extra points.

A grade of "A" will be assigned for 930 - 1000 earned points.

A grade of "A- " will be assigned for 900 - 929 earned points.

A grade of "B+" will be assigned for 870-899 earned points.

A grade of "B" will be assigned for 830-869 earned points.

A grade of "B-" will be assigned for 800-829 earned points

A grade of "C+" will be assigned for 770-799 earned points

A grade of "C" will be assigned for 700-769 earned points.

A grade of "D" will be assigned for 600-699 earned points.

A grade of "F" will be assigned for < 600 earned points.

There will be **NO MAKE-UPS ON TESTS AND WEEKLY QUIZZES**, regardless of reason. A test may be taken early, provided ample time and appropriate reasons are provided, however, if a test is missed, the final will be counted an additional 12% at 32% of the final grade instead of 20%. If two or more tests are missed a "W" grade will be offered or a final grade of "F" will be assigned for the course grade. Exams and quizzes will consist of short answer type questions. One minute will be allotted for each question. Questions will test mastery of fact, application and critical thinking skills. Tests are my property and are not permitted out of the classroom. Mistakenly taking a test from the classroom will result in a grade of zero for that test and it will be calculated into your grade.

Students with disabilities may be eligible for accommodations in this course.

Please contact the Director of Services for Students with Disabilities in College Hall 133 at (215) 641-6575 for more information. At the West Campus, contact the Coordinator of Disability Services in the Student Development Center at (610) 718-1853. Veterans may be entitled to benefits and may inquire at the office of Veterans Affairs in CH 123 at central and at West in Rm. 139.

This is a laboratory course, **requiring** dissection of preserved material. If you cannot participate in the lab for whatever reason, you should withdraw from the course. MCCC does not offer non lab based Human A and P I and II courses. Your **ACTIVE** participation is required in order to receive a grade. Absence from, or lack of participation in the laboratory, will warrant an incomplete grade which will be assigned after 2 labs are missed. Laboratory work will be made up at the convenience of the instructor. Additionally, laboratory safety is of utmost importance. Protective safety glasses are available and should be worn when doing dissection. Please use them. Please understand that if you do not choose to use them, you accept the risk of injury. Additionally, scalpels are never to be used with any dissection, so please do not use them. In the hands of an unskilled user, they are extremely dangerous.

At the instructor's discretion, a "W" (Withdraw) grade may be given upon **personal** request which must be made **prior to the end of the last class**. **This means that YOU must personally deliver a completed withdraw form to me before the Unit V test is handed back. Ceasing your attendance in class is NOT a withdraw.** You must complete the required paperwork for a "W" grade. Ceasing attendance without the completion of the required withdraw form will result in a grade of "F." **A "W" will not be considered if a student has not been in attendance for 3 or more weeks.**

At the instructor's discretion, an "AU" grade may be requested provided an appropriate audit form is completed and filed with me. An "AU" grade implies that you will not take tests and quizzes and will attend classes regularly. An "AU" grade will not be given if 3 or more absences occur, at which point the "AU" will be converted to a grade of "F" if a "W" form is not presented. A partial cut or absence will count as a whole cut or absence for auditing purposes.

Cheating of any form will warrant an immediate "FX" for the course grade and expulsion from the class. This applies to the cheater and the "cheatee". Hats are not to be worn during class time. Please refrain from wearing them.

If you carry a cell phone, it must be silenced during class time. Their sound is both rude and disruptive in a classroom setting. Text messaging is also not permitted so please turn your phones off and stow them away in your bag or pocket.

Active participation in my classroom is expected. Be prepared to be called upon with questions and comments appropriate to our discussions. Learning can only occur in a comfortable classroom. Please understand that it is **NEVER** my intent to intimidate or offend anyone in this class. If something I say or do offends or intimidates you, please let me know immediately and you will have my apology.

Your continuation in this course implies your acceptance of the above stated terms.

Additional Important Information

My office number is Science Center (SC) - Room 323 and my regular office hours are posted.

My office phone number is (215) 641-6449. Please feel free to leave a phone message but please be sure to identify who the call is to, since I share an office with my wife, and leave your name, phone number and **brief message**, stated slowly and clearly.

Part A. I have read, heard and understand all of the above stated policies and procedures governing this course in Human Anatomy and Physiology. I further understand that my continued attendance in this class reflects my acceptance of the above policies.

Print Name

Course No. and Section

Signature

Date