

Anatomy & Physiology

Macomb County Community College

Instructor's Information:

Cliff Belleau, MS / Adjunct Professor
Biology Department / Division of Arts and Sciences
Office Hours - By Appointment
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Human Physiology and Anatomy

BIOL 2710 Fall Term 2023 Section C1609 M/W

Lecture M/W 6:00 PM - 7:55 PM // 8/21/2023 - 12/13/2023 // UC3 Room 218

Lab M/W 8:00 PM - 9:25 PM /// 8/21/2023 - 12/13/2023 // UC2 Room 232

Required Lecture Text and Lab Manual:

Anatomy and Physiology: The Unity and Form of Form and Function by Saladin
McGraw Hill Tenth Edition (Older Editions OK!)

Human Physiological Anatomy Laboratory Manual
Wanda F. Ragland

Required Web Resources:

www.mc3cb.com This Web contains a variety of resources designed to help students learn key learning objectives, highlights current advances in our understanding of human physiology, and introduces students to celebrated leaders in the field of human physiology.

You will need to visit this site daily to preview and review daily lectures, print and answer chapter study guide questions, watch homework videos about key learning objectives, and check daily postings on the

Course Description:

Anatomy and Physiology (BIO-2710) is designed to study the relationship between the form (i.e. anatomy) and the function (i.e. physiology) of the human body. We will study homeostasis with an emphasis on “organ systems”. The course content is taught with a laboratory and lecture session, however. The unity of form and function is fundamental to the study of the human body. Therefore the separation between structure and function is merely arbitrary.

About My Class and Method of Instruction:

I am passionate about teaching Anatomy and Physiology! It is a fascinating subject. The human body is the most complex organism in the universe. A single cell from the tip of your finger is infinitely more complex than the most complex machine ever built. It is a challenge and privilege to be able to study the human body!

I am your “tour guide” as we explore the forms and functions of the human body. Here is best thing about this tour. It is all about you. You will have the opportunity to learn the function of all the systems of your body. We will study every thing between the atom and the organism. ***My greatest challenges in this class will be to get you to use your imagination, to think, and not simply to memorization factoids but to learn by telling a story, to make a narrative.***

Here is the formula for success in my class (***Preparation + Opportunity = Success***). The opportunities are the lectures, labs, and unit exams. So, before you come to a lecture or a lab session you need to prepare by reading the book, preview the lecture slides, answer the chapter study guide questions, and for lab to identify using your textbook and lab manual the lab learning objectives you plan to locate on the lab models and wall charts in the upcoming lab session. This should take about two to three hours each day to keep up with the Science Departments Learning Schedule. If you are not willing to prepare for these opportunities, then please do not take this class. Don't waste your time and my time! I am here to help you be successful so you have a career. So, without your study time we fail, you fail and I fail!. Remember, the study time is the investment in your future. Where do you want to be in ten years?

Grading Policy:

Your overall grade will be determined by an average of your lecture and laboratory exams. The lecture grade will be determined by points accumulated from unit lecture exam and bonus points earned by taking a vocabulary matching quiz during the lecture exam. This is the Science Department's grading scale:

Percent	Grade	
100% - 93%	A	* Students who never attend class will receive an "NS" grade.
92% - 90%	A-	* Students who withdraw from the class before the official withdrawal deadline, will receive a "W".
89% - 87%	B+	
86% - 83%	B	* Students are responsible for checking with the registrar office to meet requirements and deadlines.
82% - 80%	B-	
79% - 77%	C+	* Failure to formally withdraw from the class will result in an "E".
76% - 73%	C	
72% - 70%	C-	
69% - 67%	D+	
66% - 63%	D	
62% - 60%	D-	
Below 60%	E	

Grade Calculation:

Four Lecture Exams	@ 100 % each	= 400 points
Four Lab Exams	@ 100 % each	= 400 points

Total Points = 800 points

Your Grade = X = your points / 800

You will be able to earn an extra four points for each lecture unit exam by taking a anatomy bonus point quizzes throughout the semester.