



BIOL 2210 Human Anatomy & Physiology I section name section credit hours
Credits
Syllabus

Course Information

Meeting times and location: section meeting_times section location

Catalog description: This course is the first of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on anatomic, directional, and sectional terminology, basic cellular structure and metabolism, tissue differentiation and characteristics, and organ system structure and function? Specifically the integumentary, skeletal, muscular, and nervous systems.

Prerequisites: Take 4 credits from BIOL-2110/2110L(BIOL-121)

Terms offered: All Semesters

Section-specific Course Description:

Course Level Objectives

General Learning Outcomes

Upon successful completion of the course, the student will be able to

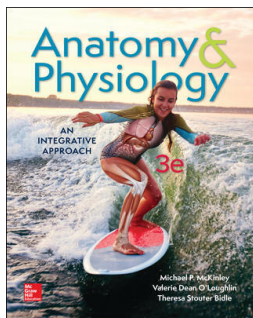
1. Acquire a functional understanding of the relationship between the anatomical structures of the human body and their physiological function.
2. Demonstrate understanding of the interrelationships among the various organ systems and their contribution to the health of the individual.

3. Demonstrate understanding of how knowledge of organ system dysfunction provides a basis for understanding the disease process.

Specific Learning Outcomes

1. Describe and apply anatomical terminology.
2. Describe multi cellular organization.
3. Distinguish and describe major tissue types.
4. Describe the structure and function of the integumentary system.
5. Describe the structure and function of the skeletal system.
6. Describe the structure and function of the muscular system.
7. Describe the structure and function of the nervous system.
8. Describe the structure and function of the special senses.
9. Define homeostasis and describe specific examples for the integumentary, skeletal, muscular, and nervous systems.

Required Texts and/or Materials



Anatomy & Physiology
An Integrative Approach
9781259398629
McKinley et al.
McGraw-Hill Education
2019
3rd Edition

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For tickets and password reset: [San Juan College Help Desk](#)

For Canvas support information: [Canvas Support](#)

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Course Requirements

This master syllabus is for informational purposes only and individual course syllabi may differ. Faculty reserve the right to make changes to their individual syllabi on an as needed basis.

Students may have to complete a series of weekly homework assignments. Students may complete unit exams and lab practicals and have a final assessment given at the end of the term. Other quizzes and assignments will vary by instructor. Please see the individual section syllabus for more detail.

COVID Safe Practices for Being on Campus

Masks / cloth face coverings must be worn while on campus in accordance with the New Mexico public health order. If you feel that you cannot wear a mask due to health complications, please contact Disabilities Services:

disabilityservices@sanjuancollege.edu or call (505) 566-3271. Hand sanitizer stations are at all building entrances, please “wash in, wash out”--clean your hands when you enter and before you leave. Classrooms and labs have been arranged to allow for social distancing; please respect your classmates and instructors by staying 6 feet away from everyone. You will be expected to disinfect your table or area prior to class and after class, cleaning products will be provided for this purpose. Check with your instructor for specific policies for their course. Please do not congregate in hallways or common areas,

instead utilize our beautiful outside spaces and weather to visit with your friends and colleagues from a safe distance.

If you have been in contact with anyone who has tested positive for COVID-19, has symptoms, or is waiting on test results, contact your instructor and DO NOT come to class. If you have tested positive, have symptoms or are waiting on test results, contact your instructor and DO NOT come to class. Your health care provider or the assigned contact tracer will let you know when it is safe for you to be around others.

Student Support

Student Services and Support

The Student Support webpage provides information on counseling, tutoring, technical support, and many other support services available to San Juan College students.

[Student Support](#)

Academic Support

Academic Support webpage provides information on academic advising, the library, Testing Center, and the honors program.

[Academic Support](#)

Participation and Attendance Policy

This master syllabus is for informational purposes only and individual course syllabi may differ. Each instructor may have different participation and attendance policy.

Other Classroom Policies and Expectations

This master syllabus is for informational purposes only and individual course syllabi may differ. Each instructor may have different classroom policies and expectations.

Canvas Participation and Expectations

Once a day

Instructor Response Time

I will typically respond to your emails within 24 hours.

Emails received between Friday 4 pm - Monday 8 am will be delayed for response.

Course Time Commitment

Each student should expect to spend a minimum of two to three hours daily studying for this course. Anatomy & Physiology is not a course that can be crammed for especially if you want either an A or a B. If you wish to achieve success in this course be prepared to put in the necessary time and effort.

Grading

The quizzes and exams will test the student's knowledge of the materials presented in the labs and the lectures over the semester. Questions in the quizzes may be simply answering, true-false, matching, and identification. Questions in the unit lecture exams will cover more detailed information using multiple-choice, true-false, matching and demonstration of structures and functions: questions in the lab exam may be simply answering and identification. The final exam is cumulative: the questions are all multiple choice.

It is anticipated that approximately 13 quizzes (the highest 10 from 13 quizzes will be applied), four unit exams (lecture and lab for each unit) and the final exam will be given:

Category	Points * No.	Total
Quizzes	10 * 10 quizzes	100
Homework Assignments	10 * 5 assignments	50
Unit lecture exams	100 * 4 lecture exams	400
Unit lab practical exams	100 * 4 lab practical exams	100
Final exam	200	200
Attendance	50	50
Total		1000

A = 90% and above, B = 89-80%, C = 79-70%, D = 69-60%, F = 59% and below

This is a lecture / lab integrated course: you will receive the same final grade for both lecture & lab.

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

* Schedule may change through the semester.

Week	Exam & Quiz	Subject (Chapter)	Lab
1	Quiz 1	Introduction (1)	Intro to A&P (1)
2	Quiz 2, 3	Tissue organization (5)	Histology (5)
3	Quiz 4	Integumentary system (6)	Skin (6)
4	Lecture exam I, Lab practical I	Integumentary system (6) Skeletal system (8)	
5	Quiz 5	Skeletal system (8, 9)	Bone (7, 8, 9)
6	Quiz 6	Skeletal system (7, 8, 9)	Bone (7, 8, 9)
7	Lecture exam II, Lab practical II	Muscular system (10)	
8	Quiz 7	Muscular system (10, 11)	Muscle (10, 11)
9	Quiz 8	Muscular system (11)	Muscle (10, 11)
10	Quiz 9	Muscular system (11) Neuron tissue (12)	Muscle (10, 11) Neuron (12)
11	Lecture exam III, Lab practical III	Brain & Cranial nerves (13)	Lab practical III
12	Quiz 10	Brain & Cranial nerves (13)	Brain & CN (13)
13	Quiz 11	Spinal cord and nerves (14)	Spinal cord and nerves (14)
14	Quiz 12, 13	Autonomic nervous system (15), Senses (16)	Senses (16)
15	Exam IV, Lab practical IV	Review for the final exam	
Final exam:			

College Policies

The following information also applies to your work in this class. If you have special needs for campus emergency situations, please inform me immediately.

1. Academic Accommodations - American with Disabilities Act (ADA)

If you believe you need academic accommodations due to physical or learning disabilities, you are encouraged to inform them as soon as possible. The coordinator can work with you in verifying your disabilities and developing accommodation strategies. Please go to [Disability Services Office](#), click the button for "Request for Services" and complete all the steps.

You can also contact the college's disability coordinator in the Advising/Counseling Center at 566-3271 or disabilityservices@sanjuancollege.edu. More information is available on the website listed above.

2. The Family Educational Rights and Privacy Act (FERPA)

Your personal information and grade are confidential. Aside from routine reporting to the college required for this course, I will not share such information with anyone unless I have your permission.

3. Academic Honesty Rules

San Juan College expects all students to adhere to the [Academic Honesty Rules](#) as posted online. These are the official guidelines for all classes at San Juan College (July 2006).

4. Student Conduct Statement

College is preparation for professional opportunities, and professional conduct is expected in courses, including online classes, as well as any written communications, and interactions with members of the college community. As part of our learning community, students are expected to interact and communicate in a mature, respectful, thoughtful, and supportive manner. Students who demonstrate disrespectful, hostile, belittling, bullying or other disruptive behavior will be subject to potential consequences and possible dismissal from the college. The college will take appropriate action when students demonstrate threatening behavior (to others or self). Students should refer to the Code of Conduct in the Student Handbook for additional information.

5. Student Safety

Keeping students safe is a priority, and part of that is ensuring that we have the ability to communicate emergency messages – whether for school closures due to weather or for more or urgent situations. Rave is San Juan College's emergency messaging system. Through your SJC student email, you will automatically receive email messages, however, it is also vital that you receive text messages. In order to receive the messages, you must register in a simple process with [Rave](#). When registering, please make sure that your mobile status is "confirmed."

The Department of Public Safety is available 24 hours per day. In an emergency, they can be accessed by calling 215-3091 or 566-3333.

In the event of an emergency, a Rave message will be sent, and depending on the situation, you will be instructed to do one of the following:

- Evacuate the building
- Shelter in place (Campus doors are locked, and operations continue as normal. During this situation, no one other than law enforcement is allowed in or out of the campus.)
- Lockdown (Campus doors are locked. All operations cease, and you should take cover in your immediate area. No one other than law enforcement is allowed in or out of the campus.)

6. Non-Discrimination, Sexual Harassment, and Retaliation.

San Juan College does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, genetic, veteran's status, or on the basis of any other category protected under federal, state and local laws. If you have experienced sexual harassment, sexual assault, or any other form of protected class discrimination, we encourage you to make a report. If you report to a faculty member, she/he/they are obligated by policy to share knowledge, notice, and/or reports of harassment, discrimination, and/or retaliation with the Title IX Coordinator. These disclosures include but are not limited to reports of sexual assault, dating/domestic violence, and stalking. You may also make a confidential report to a SJC Counselor. Please refer to San Juan College's [Title IX](#) site for further details.

San Juan College's Title IX Coordinator is Stacey Allen, Assistant Director of Human Resources/Equity, Diversity, and Inclusion Officer. The office is located at the Educational Services Center Building, 2nd Floor, Human Resources, Room 4243 at (505) 566-3515 or allens@sanjuancollege.edu.

7. Drop for Non-Attendance and/or Non-Participation

Class Attendance and Participation Expectation:

Face-to-Face -- Students are expected to attend and participate in class regularly. Any student missing more than 10% of consecutive class time, (For example, in a regular 15-week class that meets twice a week, this equates to the student missing 3 consecutive classes) without consultation with the instructor may be considered as having abandoned the course.

On-line -- Students are expected to participate regularly and submit all course assignments, based on the course guide definition. A student who does not submit any assignments during a consecutive 10% of the course (1.5 weeks of a 15-week

semester) without consulting the instructor, may be considered as having abandoned the course. Logging in does not meet the attendance standard.

Competency-Based Education Classes -- Students are expected to have regular and substantive interactions with their instructor and to actively work on course content. A student who has not submitted coursework, nor had substantive interactions with the instructor over a consecutive 10% of the term, without the instructor's prior approval, will be considered to have abandoned the competency progression. Last date of attendance will be recorded as the last date that coursework was submitted or that the student met with the instructor. For on-line learners, logging in does not meet the attendance standard.

8. Failure to Meet Class Participation Expectation:

Students who fail to meet participation expectations will have their last date of attendance recorded. This date will be used to recalculate any financial aid received/veteran's benefits received, and the student may be required to repay the institution/government. If the student does not drop the course, an 'X' grade will be recorded. An 'X' grade impacts the grade point average the same as an 'F'.

9. Grading Policies

Incomplete: Incomplete Grade Assignment ([Incomplete Grades Information](#))

The grade of I (Incomplete) is given for passing work that could not be completed during the semester because of circumstances beyond the student's control. Ordinarily, the assignment of an I is given by the course instructor at the time final grades are due

In no case is an I grade to be used to avoid assignment of D or F grades for marginal or failing work or to require a student to enroll in the class the next semester because work was not completed on time. Circumstances warranting the issuance of an I grade must be beyond the student's control and must be documented on the appropriate form prior to approval.

I grades can be removed only during the subsequent 16 weeks from the end of term, or within the time limit set by the instructor. Removal of an I is accomplished by completing the work in a manner acceptable to the instructor. Re-enrollment in the course under the repeat option does not remove the prior grade of I. Students should not re-enroll for the course. An I not made up within 16 weeks or within the time limit set by the instructor will change to an F grade thereafter and cannot be

changed by work completion.

10. **Grade Appeals**

The policy for grade appeals is in the Academic Catalog.([Grade Appeal Policy](#))

Student Handbook

The Student Handbook provides information on Student support, student organizations, and San Juan College policies.

[Student Handbook](#)