

SPC & BMATC

Course Syllabus

COURSE: **BIOL 2404-296**
SEMESTER: Spring 2026

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"South Plains College improves each student's life."

GENERAL COURSE INFORMATION

It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus

COURSE DESCRIPTION

This course will provide an in-depth introduction to basic concepts and fundamental principles of human pathophysiology for advanced undergraduate students. This course will evaluate the study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content is specialized to follow the classical division between general pathology and systemic pathology. The aim of the course is to provide students with a systematic approach for understanding disease and rational therapeutic design. Pathophysiology bridges basic science and clinical practice with an emphasis on integrated mechanistic understanding of the molecular, structural, and functional alterations in cells, tissues, and organ systems that underlie human disease.

STUDENT LEARNING OUTCOMES

Upon successful completion of this course, students will:

1. Identify the essential features of basic disease processes.
2. Interpret the clinical manifestations of specific diseases in terms of etiology and pathogenesis.
3. Describe the relationship between normal anatomy and physiology and alterations produced by disease.
4. Recognize basic pathophysiologic concepts.
5. Describe the impact of health promotion, disease prevention, and risk reduction on selected pathologies.

ACADEMIC INTEGRITY

Refer to the SPC student handbook. Refer to the "Honesty Policy" located in the student handbook and appendix for examples of plagiarism. Violations of the honesty policy include cheating during testing, plagiarizing another's work, and falsifying records will result in failure of the course. It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of a student to present his or her own work which he or she has not honestly performed is regarded by the faculty and administration as a serious offense and renders the offender liable to serious consequences, including possible suspension.

Cheating - Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. Complete honesty is required of the student in the presentation of all phases of coursework, including all quizzes, exams, and all assignments.

Plagiarism - Offering the work of another as one's own, without proper acknowledgment, is plagiarism. Any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines, and websites such as blogs, journals, or articles, other referenced works, from themes, reports, and/or other writings of a fellow student, is guilty of plagiarism. If there is any suspicion of work completed by Artificial Intelligence (A.I.), the student and their work may be questioned, and if proven that A.I. was used for any assignment will be considered guilty of plagiarism. If the student's work is positive for plagiarism the student may be counseled and placed under contract for the remainder of their time in the program. If the student is found guilty of plagiarism a 2nd time they may be dismissed from the course.

INSTRUCTIONAL METHODS

Face-to-face teaching and learning methods with the optional use of Blackboard, may include online lecture, presentation, group discussion, use of audiovisuals, on-line information, PowerPoints, chapter reviews, reading, written assignments, exams, pop-quizzes, and case studies.

COMMUNICATON

Communication between faculty and students is important and taken seriously. Instructors recognize and understand the commitment to students in this course. Students are responsible for making appointments and asking questions to clarify any questions or procedures. Preferred communication methods are through individualized faculty office hours, email, or office phone and occur during regular hours. If a phone call is not answered, please leave a message. **When responding you will be treated with collegial respect and students are expected to communicate likewise in a professional manner.**

[Syllabus Statements](#)

