

South Plains College
Biology 2402 Syllabus
Spring 2026
Human Anatomy and Physiology II

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Office Hours: Monday/Wednesday 8:30-9:30, 12:00-1:00. Tuesday 8:30-9:30, 12:00-1:30.
Thursday 8:30-9:30. Friday 9:00-10:00

Course Description: Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.

Prerequisite: Completion of Biology 2401 with a C or better

Credits: 4 (3 Lecture, 1 Lab)

Textbook: No text is required, the OpenStax text is recommended. (www.openstax.org)

This course partially satisfies a Core Curriculum Requirement: Life and Physical Sciences Foundational Component Area (030)

Core Curriculum Objectives addressed:

- **Critical thinking skills**—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- **Empirical and quantitative competency skills**—to manipulate and analyze numerical data or observable facts resulting in informed conclusions

Student Learning Outcomes: Upon successful completion of this course, students will:

Identify causes and effects of homeostatic imbalances.

Describe modern technology and tools used to study anatomy and physiology.

Explain contributions of organs and systems to the maintenance of homeostasis.

Use anatomical terminology to identify and describe locations of major organs of each system covered.

Describe the interdependency and interactions of the systems.

Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.

Course Evaluation: Your grade consists of four lecture exams and six lab quizzes, as well as several online discussion questions. The lecture exams comprise 65% of your grade, the lab quizzes 25%, and the discussion questions 10%.

Attendance Policy: Attendance is required. Excessive absences (more than 4 consecutive) will be considered for instructor drop.

http://catalog.southplainscollege.edu/content.php?catoid=60&navoid=2086#Class_Attendance

Dropping a Course: Students may drop courses through Texan Connect, the Admissions and Records Office, or Advising and Testing Center through the late registration period.

After late registration has closed, a student must complete the online Student Initiated Drop Request to drop a course.

Students may also drop courses in person at any campus location by completing a Student Initiated Drop Form. Complete a Student Initiated Drop Form and return the signed form to the Levelland Admissions and Records Office, the Student Support Center at the Lubbock Downtown Center, the Lubbock Career and Technical Center, or Plainview Center. You must have a picture ID to complete the drop.

A mark of "W" will be given for student-initiated drops that occur prior to and through the last day to drop as indicated in the online Academic Calendar found here:

<https://www.southplainscollege.edu/academiccalendar/index.php>.

Syllabus Statements: For information about Artificial Intelligence, Disabilities, Non-Discrimination, Intellectual Exchange, Title IX Pregnancy Accommodations, CARE (Campus Assessment, Response, and Evaluation) Team, Campus Concealed Carry, and COVID-19, please use this link: <https://www.southplainscollege.edu/syllabusstatements/>.

Plagiarism and Cheating: Students are expected to do their own work on all projects, quizzes, assignments, examinations, and papers. Failure to comply with this policy may result in an F for the assignment and can result in an F or X for the course, if circumstances warrant.

Plagiarism violations include, but are not limited to, the following:

1. Submitting work that has been purchased, borrowed, or downloaded from another student or an online term paper site.
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.
5. Violating the Artificial Intelligence policy, as outlined in the syllabus. For more information on AI, please reference this in the syllabus statements: <https://www.southplainscollege.edu/syllabusstatements/>

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;

2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

As your exams are administered online, you will be required to use the Honorlock proctoring system. This records you as you take the exam. Guidelines are provided in a separate document.

SCHEDULE OF CLASSES

Notice that your schedule is by week. The dates provided are suggested, as this course is fully asynchronous. If you choose to work ahead, that is acceptable, but you will not be allowed to fall behind.

Biology 2402 Schedule of Classes

Week 1: Endocrine

Week 2: Blood/Blood Labs

Week 3: Immune System/Lymphatics

Week 4: Review/Exam 1 (2/17)

Week 5: Cardiovascular/Heart Lab/Blood Vessels

Week 6: Cardiovascular/Heart Lab Quiz

Week 7: Cardiovascular/Blood Vessel Lab Quiz

Week 8: Review/Exam 2 (3/20)

Week 9: Respiratory, Renal, Acid Base/Respiratory Lab

Week 10: Respiratory, Renal, Acid Base/ Respiratory Lab Quiz/Renal Lab

Week 11: Review/ Renal Lab Quiz

Week 12: Exam 3 (Respiratory, Renal, Acid Base) (4/6)

Week 13: Digestion/Digestive Lab/Reproduction Lab

Week 14: Reproduction/Digestive Lab Quiz/Reproduction Lab

Week 15: Reproduction/Reproduction Lab Quiz

Week 16: Final Exam (Exam 4, Digestion/Reproduction, check finals calendar)