

Cocke County High School

***Anatomy and Physiology**

*** 2025-2026 Syllabus**

Part 1 : Course Information

Instructor Information

Instructor: Darlene Shepherd

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Remind/Google Classroom: email

Course Description:

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory and reproductive systems.

Prerequisite

- None

General Education/ High School Pathway Area

This course satisfies one of three credits required for an elective focus when taken in conjunction with other Health Science courses for Industry certification.

Textbook & Course Materials

Required Text

Scott, Ann Senisi and Fong, Elizabeth

Body Structures and Functions 13th Edition, 2016

Course Requirements

Notebook, notebook paper, tab dividers, pens, pencils, trifold presentation board, and craft paints of different colors

Course Structure

Course will be taught using lecture 35%, discussion 20%, projects 20%, labs 15%, and testing 10%.

Part 2: Student Learning Outcomes

Expected learning outcomes for this course, the student learning outcomes for this course can be found in the Tennessee State Standards, course pacing guides and other resources pertaining to this course. These can be found on tn.gov website under academic standards.

- Organization of the human body
- Support and movement
- Communication, Control, and Intergration
- Respiration, Transportation, and Defense
- Nutrition and Excretion
- Reproduction, Growth, and Development
- Team Project

You will meet the objectives listed above through a combination of the following activities in this course:

Objectives will be met through , class work, homework, projects, labs, and testing.

- Attendance is crucial if absent and it is excused the student will be allowed 3 days to make up any missed work.
- Students will be provided due dates for all assignments, test and projects

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Part 3: Topic Outline/ Schedule

Semester 1/Semester 2

Week	Topic	Readings/ Resources	Activities	Due Date
1	Safety/Notebook	PowerPoint	Test	08/04/25 - 1/9/26
2	Anatomy &Physiology	ICEV/ A&P Book	Body Systems, Test	08/08/25- 1/16/26
3	Integumentary System	ICEV/ A&P Book	Skin Cookies, Test	08/15/25- 1/23/26
4	Skeletal System	ICEV/ A&P Book	Skeletons/ Test	08/29/25- 1/30/26
5	Muscular System	ICEV/ A&P Book	Disease Pamphlet/ Test	09/05/25- 2/6/26
6	Nervous System	ICEV/ A&P Book	Research Dz/Test	09/12/25- 2/12/26
7	Special Senses	ICEV/ A&P Book	Model of a SS organ/Test	09/19/25- 2/20/26
8	Endocrine System	ICEV/ A&P Book	Describe 5 do of this system/test	09/26/25- 2/27/26
9	Blood	ICEV/ A&P Bood	Name 9 test done on blood and why/Test	10/03/25- 3/6/26
10	Circulatory System	ICEV/ A&P Book	Trace blood through the heart/Test	10/17/25- 3/13/26
11	Circulation & Blood Vessels	ICEV/ A&P Book	ID Principle Arteries & Veins/ Test	10/24/25- 3/13/26
12	Lymphatic & Immune System	ICEV/ A&P Book	Describe Immunity and defense mechanisms/test	10/31/25- 3/20/26
13	Infection Control and Standards	ICEV/ A&P Book	Explain Infectious Process using	11/08/25- 3/27/26

			disease of choice/ Test	
14	Respiratory System	ICEV/ A&P Book	Explain the breathing process/ Test	11/22/25-4/10/26
15	Digestive System/Nutrition	ICEV/ A&P Book	Diet for Digestive Disorder/ Test	12/6/25-4/17/26
16	Urinary/Reproductive System	ICEV/A&P Book	Disorder of Urinary and Reproductive Systems/ Test	12/23/25-4/24/17
17				
18				
19				