

CFISD Anatomy & Physiology K Scope and Sequence

Course Description: Anatomy and Physiology is a college preparatory course designed to extend the student's knowledge and understanding of the human body in respect to its structure (anatomy) and function (physiology). A survey of each organ system is presented with initial emphasis upon its anatomy, followed by an enhanced study of its physiology. This course is lab-oriented and teaches proper dissection techniques as well as evaluating the cause and effect of disease, trauma, and congenital defects on the structure and function of cells, tissues, organs, and systems. This course is recommended for students pursuing an education in the medical sciences.

- Required prerequisite: Biology and Chemistry
- Recommended prerequisites: Medical Terminology and Principles of Health Science
- Satisfies advanced course requirement for Public Services endorsement
- Completing this course satisfies a science credit required for graduation

TEKS: <https://tea.texas.gov/about-tea/laws-and-rules/sboe-rules-tac/sboe-tac-currently-in-effect/ch127i.pdf> (pg 44-45)

Cluster: Health Science

Endorsement: Public Service Health Science

- Meets advanced course requirement (Y/N): Y
- Meets foundation requirement for math, science, fine arts, English (Y/N-area): Y

Industry Certification/Credentials: N/A

Instructional Units	Estimated # of Days	Possible Test Dates*
First Semester	81	
First Grading Period	43	
Unit 1 – Introduction to A&P	10-12	9/4
Unit 2 – Cytology & Histology	10-12	9/20
Unit 3 – Integumentary System	9-11	10/8
Second Grading Period	38	
Unit 4 – Nervous System	16-18	11/1
Unit 5 – Endocrine System	5-7	11/14
Unit 6 – Skeletal System	9-11	12/11
End of Semester Review & Finals	5	
Second Semester	91	
Third Grading Period	41	
Unit 7 – Muscular System (dissection included)	18-20	2/4
Unit 8 – Lymphatic & Immune System	8-10	2/20
Unit 9 – Circulatory; Blood & Vessels	7-9	3/6
Fourth Grading Period	50	
Unit 10 – Circulatory: Heart	8-10	3/27
Unit 11 – Respiratory System	8-10	4/9
Unit 12 – Digestive System	8-10	4/25
Unit 13 – Urinary System & Fluid Balance	7-8	5/6
Unit 14 – Reproduction, Embryology & Development	8-10	5/19
End of Semester Review & Finals	8	

*Unit length and test dates are approximate

Textbook:

Welsh, Hole's Essentials of Human Anatomy and Physiology, High School Edition, (2nd Edition). Copyright 2021
By Charles Welsh, Cynthia, Prentice-Craver, David Shier and Jackie Butler and Ricki Lewis
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