

## 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:** <http://ritter.tea.state.tx.us/rules/tac/chapter130/ch130h.html>

**Cluster:** Health Science

**Endorsement:** Public Services

- 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	Chapters	Estimated # of Days	Possible Test Dates*
<b>First Semester</b>		<b>75</b>	
<b>First Grading Period</b>		<b>38</b>	
Unit 1 – Introduction to A&P	1,2	10-12	9/12
Unit 2 – Cytology & Histology	3,4,5	10-12	9/28
Unit 3 – Integumentary System	6	9-11	10/12
<b>Second Grading Period</b>		<b>37</b>	
Unit 4 – Nervous System	11,12,13	16-18	11/2
Unit 5 – Endocrine System	13	5-7	11/14
Unit 6 – Skeletal System	7,8	9-11	12/12
End of Semester Review & Finals		3	
<b>Second Semester</b>		<b>92</b>	
<b>Third Grading Period</b>		<b>45</b>	
Unit 7 – Muscular System (dissection included)	9	18-20	2/1
Unit 8 – Lymphatic & Immune System	16	8-10	2/15
Unit 9 – Circulatory; Blood & Vessels	14	7-9	2/28
Unit 10 – Circulatory: Heart	15	8-10	3/22
<b>Fourth Grading Period</b>		<b>47</b>	
Unit 11 – Respiratory System	19	8-10	4/5
Unit 12 – Digestive System	17,18	8-10	4/19
Unit 13 – Urinary System & Fluid Balance	20,21	7-8	5/3
Unit 14 – Reproduction, Embryology & Development	22,23,24	8-10	5/17
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

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