

CFISD Anatomy & Physiology K

Scope and Sequence

Endorsement: Public Service

Cluster: Health Science

Meets advanced course requirement? YES ▾

Program of Study: Diagnostic & Therapeutic Services

Meets foundation requirement for math, science, fine arts, English, LOTE? YES ▾

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.

TEKS link

- 1 credit
- Grades 1-12
- Lab supplies or fee may be required
- Required prerequisites: Biology and Chemistry
- Recommended prerequisites: Medical Terminology and Principles of Health Science

Industry Certification/Credential: n/a

TEA recognized IBC (to count toward program of study completion)? NO ▾

Instructional Units	Grading Period
Unit 1 – Introduction to A&P Unit 2 – Cytology & Histology Unit 3 – Integumentary System	N1 (fall)
Unit 4 – Nervous System Unit 5 – Endocrine System Unit 6 – Skeletal System	N2 (fall)
Unit 7 – Muscular System (dissection included) Unit 8 – Lymphatic & Immune System Unit 9 – Circulatory; Blood & Vessels	N3 (spring)
Unit 10 – Circulatory: Heart Unit 11 – Respiratory System Unit 12 – Digestive System Unit 13 – Urinary System & Fluid Balance Unit 14 – Reproduction, Embryology & Development	N4 (spring)

Primary Instructional Materials: 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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