

CFISD Anatomy & Physiology

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

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

Cluster: Health Science

Endorsement: Public Services

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

Industry Certification/Credentials: N/A

Instructional Units	Estimated Days
1st Semester Introduction to A&P Cytology and Histology Integumentary System Nervous System Endocrine System Skeletal System	1 st grading period 2 nd grading period
2nd Semester Muscular System Lymphatic and Immune Circulatory System: Blood & Vessels Circulatory System: Heart Respiratory System Digestive System Urinary System and Fluid Balance Reproduction, Embryology, and Development	3 rd grading period 4 th grading period

Primary Instructional Materials (used districtwide):

Rev Fall, 2018

Textbook: Martini/Bartholomew, Essentials of Anatomy & Physiology, 7e; ISBN-13: 9780134210810

E-text login: www.masteringaandp.com

Supplemental Instructional Materials (optional districtwide, but individual campuses should be consistent in use):

(N/A)