

CFISD- Pathophysiology K Scope & Sequence 2023-2024

Course Description: In Pathophysiology, students conduct laboratory and field investigations, use scientific methods during investigations, make informed decisions using critical thinking and scientific problem-solving and demonstrate professional standards as related to business and industry. Students in Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

TEKS: [https://texreg.sos.state.tx.us/public/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=19&pt=2&ch=127&rl=424](https://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=19&pt=2&ch=127&rl=424)

Programs of Study: Healthcare Diagnostics, Healthcare Therapeutic, and Nursing Science

Cluster: Career and Technology Education

Endorsement: Public Service (Health Science)

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

Industry Certification/Credentials: None

Instructional Units	Semester
1. Introduction to Pathophysiology	1st
2. Immune Diseases and Disorders	1st
3. Infectious Disease	1st
4. Developmental and Congenital Diseases and Disorders	1st
5. Genetic Diseases and Disorders	2nd
6. Cancer	2nd
7. Nervous System Related Diseases and Disorders	2nd
8. Endocrine System Related Diseases and Disorders	2nd
9. Blood and Cardiovascular Related Diseases and Disorders	2nd

Primary Instructional Materials (used districtwide):

Cengage, Human Diseases