

CFISD Pathophysiology
Scope and Sequence

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.

- Grades 11 - 12
- Required prerequisites: 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

Cluster: Health Science

Endorsement: Public Service

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

Industry Certification/Credentials: n/a

Instructional Units	Pacing
1 st Semester Introduction to and history of pathophysiology Fundamentals of pathophysiology and the nature of disease Infectious disease Immune system diseases and disorders	1 st grading pd 2 nd grading period
2 nd Semester Genetic, congenital and childhood diseases and disorders Cancer Nervous system diseases and disorders Endocrine system diseases and disorders Cardiovascular system and respiratory system diseases and disorders	3 rd grading pd 4 th grading pd

Primary Instructional Materials: Human Diseases ISBN-97812850665922. Publisher Cengage