

Pathophysiology

Local Course #: 81822

State Course ID: 13020800

Course Description:

The study of the human body and how it reacts to disease and maintaining homeostasis.

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225572](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225572)

First 9 Weeks Major Topics:

Introduction to Pathophysiology, what it is and what it encompasses. Vital signs, Functional vs Structural, and how infectious diseases affect the body.

Second 9 Weeks Major Topics:

How head injuries affect the body, and how the brain is affected by the different types. Will also cover how different types of addictions can affect the brain and body, including physiological vs psychological dependence.

Third 9 Weeks Major Topics:

What are the 4 types of shock, and how does the body respond to them. How does the body respond to stress and aging.

Fourth 9 Weeks Major Topics:

What are the major types of cancers, and how do they affect the body. What are foodborne illnesses and what measures are taken to protect the body from those types of microorganisms.