Course Description:

Objectives:
- Achieve student recognition of how normal physiological function is impacted by various disease states, as selected by the textbook authors.

Content:
Lectures targeting function and dysfunction of most of the body’s major organ systems (see content). Student oral presentations are an integral course component. Lectures will cover normal function and disease effects of most major systems: Immune, Integumentary, Pulmonary, Cardiovascular, Adrenal, Gastrointestinal, Pancreatic Hepatic and Renal Systems, plus several others: Hypothalamic-pituitary, Calcium Metabolism, Thyroid and Reproductive. Diseases/dysfunctions will be studied in regards to etiology, clinical presentation, pathology/pathogenesis/pathophysiology, and clinical manifestations, as covered in the textbook.

Prerequisites:
- BIOL 101, 111, 102, 112, 201, 202
- CHEM 222 (may be taken concurrently)

Required Texts/References:

EACH STUDENT MUST INDIVIDUALLY POSSESS A COPY OF THIS BOOK

Course Work/Expectations:
- Examinations
- Classroom oral presentations by students
- Fast-paced, text-based lectures (prior reading of text will contribute to success)

Comments:
- Lack of diligence will not thrive here
- Fulfills the Flag for Oral Skills

[NO ANIMALS PERMITTED IN THIS CLASS]