



Course Description

PAS1813 | Pathophysiological Basis of Disease I | 2.00 credits

This is the first course in the sequence PAS1813, 1824 and is an introduction to the underlying pathologic bases for specific disease processes. Prerequisites: HSA2532, PAS1800C, PAS1803, PAS1831, PAS2936

Course Competencies:

Competency 1: The student will demonstrate understanding and reasonably discuss the normal human anatomy and physiology of the integumentary, HEENT, Cardiac, Pulmonary, and Hematologic systems by:

1. Describing the functions and organs of each system
2. Describing the normal anatomic and physiologic mechanisms
3. Discussing the arterial and venous supply related to each system
4. Correlating the signs and symptoms with pathologies within each system

Competency 2: The student will apply elements of anatomy and physiology to explain the pathophysiology of conditions within the integumentary, HEENT, Cardiac, Pulmonary, and Hematologic systems by:

1. Describing risk factors for each pathology within each system
2. Comparing and contrasting clinical features of disease processes within each system
3. Comparing and contrasting laboratory findings of acute and chronic conditions within each system

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of diverse cultures including global and historical perspectives
- Demonstrate knowledge of ethical thinking and its application to issues in society