



Course Description

PAS1824 | Pathophysiological Basis of Disease 2 | 2.00 credits

This course is a continuation of PAS1813 and focuses on cell dynamics and immunity. Prerequisites: HAS2532, PAS 1801C, 1811C, 1812, 1813, 1822C, 1823

Course Competencies:

Competency 1: The student will be able to demonstrate understanding and reasonably discuss the normal human anatomy and physiology of the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems by:

1. Describing the functions and organs of the digestive, endocrine, genitourinary, nervous, musculoskeletal, and reproductive systems
2. Describing the normal anatomic and physiologic mechanisms relevant to the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems
3. Discussing the arterial and venous supply related to the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems
4. Correlating the signs and symptoms with pathologies within the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems

Competency 2: The student will be able to apply elements of anatomy and physiology to explain the pathophysiology of conditions within the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems by:

1. Describing the functions of genitourinary, nervous, musculoskeletal, and reproductive systems
2. Comparing and contrasting laboratory findings of acute and chronic conditions within the digestive, endocrine, genitourinary, nervous, musculoskeletal and reproductive systems

Competency 3: The student will be able to collaborate with colleagues to formulate conclusions using physiologic, anatomical and pathophysiological principles by:

1. Collaborating in small groups to work through patient scenarios
2. Discussing pathophysiological mechanisms within the digestive, endocrine, genitourinary, nervous, musculoskeletal, and reproductive systems in a small group classroom setting

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information