A. Course Description

Credits: 3

Lab Hours/ Weeks:  
Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course introduces the nursing student to human pathophysiology and disruptions in homeostasis resulting in, or as a result of, alterations in tissue or organ function due to genetic, genomic, cellular, biochemical, structural or environmental causes. Topics focus on select conditions or diseases linked to physiological systems (respiratory, cardiovascular, neurological, gastrointestinal, renal, endocrine, immune/inflammatory, hematological, and skeletal/integumentary) that occur throughout the lifespan. Emphasis is placed on integrating pathophysiology, clinical presentation, therapeutic modalities and nursing interventions for effective clinical nursing practice.

B. Course Effective Dates: 05/05/2017 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Demonstrate an understanding of the clinical manifestations of disease processes across the lifespan.
2. Demonstrate an understanding of treatment options of disease processes across the lifespan.
3. Demonstrate understanding of the pathogenesis of disease processes across the lifespan.
4. Demonstrate understanding of the underlying etiology of disease processes across the lifespan.
5. Differentiate between normal and abnormal anatomy and physiology.
6. Differentiate between primary, secondary, and tertiary levels of prevention of disease processes across the lifespan.
7. Discuss the nurse's role and responsibility for assessment of individuals experiencing health problems that result in pathophysiologic alterations.
8. Differentiate between normal physiologic processes and pathophysiologic processes across the lifespan.
9. Explain the impact of genetics on disease processes.
10. Analyze the underlying etiology of disease processes.
11. Describe the pathogenesis of disease processes.
12. Describe the clinical manifestations of disease processes.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

None