

# Inver Hills Community College

## **NURS 2850: Applied Pathophysiology for Nursing I**

### **A. COURSE DESCRIPTION**

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

NURS 2700 - Health Promotion and the Role of the Professional AND NURS 2750 - Nutrition and the Role of the Professional Nurse; OR

NURS 2720 - Transition to the Role of the Professional Nurse AND NURS 2750 - Nutrition and the Role of the Professional Nurse

Corequisites: None

MnTC Goals: None

Introduces a holistic perspective of pathophysiological processes and the disruption in normal body function. Emphasis will be on objective and subjective manifestations of common chronic health problems resulting from environmental, genetic, and stress-related maladaptations to provide a foundation for nursing care. This course complements selected topics addressed in Chronic and Palliative Care to provide a comprehensive understanding of disease processes. Prerequisites: Successful completion of NURS2700 or NURS2720 and NURS2750 with a grade of C or better and concurrent enrollment in NURS2800

**B. COURSE EFFECTIVE DATES:** 08/26/2013 - Present

### **C. OUTLINE OF MAJOR CONTENT AREAS**

1. Introduction to pathophysiological processes (10%)
2. Holistic nursing assessment of objective manifestations of common chronic health problems (15%)
3. Holistic nursing assessment of subjective manifestations of common chronic health problems (5%)
4. Environmental, genetic, and stress-related maladaptations - psychosocial integrity (15%)
5. Environmental, genetic, and stress-related maladaptations - physiological integrity (55%)

### **D. LEARNING OUTCOMES (General)**

1. Utilize theories and concepts from the sciences to build an understanding of the manifestations of chronic pathophysiological conditions.
2. Incorporate theory and research utilizing data from multiple evidence based sources.
3. Explain the common mechanisms of chronic disease progression in the human body.
4. Determine protective and predictive factors including genetics which influence the health of clients.

### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

### **G. SPECIAL INFORMATION**

None noted