

# **Minnesota State University Moorhead**

## **NURS 609: Advanced Pathophysiology: Concepts and Systems (P2)**

### **A. COURSE DESCRIPTION**

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This advanced course examines alterations in human physiology which lead to adaptation and/or disease throughout the lifespan. Biopsychosocial theory and research-based findings are integrated in the presentation of information regarding patho-physiological responses of body systems to disease processes. Physiological developmental stage expectations are reviewed in relation to synergistic effects and total body responses to system alterations. Emphasis is placed on: 9a0 physiological basis for pathological changes and the clinical manifestations which can result; 9b0 prevention of patho-physiological processes and responses in all body systems is emphasized; and 9c0 tertiary prevention and adaptation to altered physiological states. Physiological rationale for clinical management strategies will also be addressed. This will include both negative and positive effects of pharmacological agents.

**B. COURSE EFFECTIVE DATES:** 05/13/2012 - 05/17/2019

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

None

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

None

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

None

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

As noted on course syllabus

### **G. SPECIAL INFORMATION**

None noted