North Hennepin Community College

NURS 2850: Applied Pathophysiology for Nursing I

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites:
BIOL 2112 - Human Anatomy and Physiology II (Minimum grade: 1.67 GPA equivalent) AND NURS 2700 - Foundations of Nursing - Health Promotion AND NURS 2720 - Transition to the Role of the Professional Nurse AND NURS 2750 - Nutrition and the Role of the Professional Nurse

Corequisites: NURS 2800 and NURS 2820

MnTC Goals: None

This course 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 Chronicity and End of Life to provide a comprehensive understanding of disease processes.

Prerequisites: Admission to the Nursing Program, BIOL 2112, NURS 2700 or 2720, and NURS 2750
Co-requisites: NURS 2800 and 2820
Strongly Recommended to be taken prior to or concurrently: SOC 1110

B. COURSE EFFECTIVE DATES: 12/31/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

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.

D. LEARNING OUTCOMES (General)

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

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

1. Knowledge of Human Cultures and the Physical and Natural World --Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.

2. Intellectual and Practical Skills including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.

3. Personal and Social Responsibility and Engagement including: Civic knowledge and involvement¿campus, local and global; Intercultural knowledge and competence; Ethical reasoning and action; Foundations and skills for lifelong learning.

4. Integrative and Applied Learning including: Synthesis and advanced accomplishment across general education, liberal studies, specialized studies and activities in the broader campus community.