2022-23
ACADEMIC CATALOG



Midway University

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NSG 560 - Advanced Pathophysiology/Pharmacology..... 2

Course

NSG 560 - Advanced Pathophysiology/Pharmacology

This course explores the scientific complexity and integration of pathophysiologic states and the utilization of pharmacologic agents for person-centered care. Pathophysiological mechanisms of disease will be used to explain human responses to potential and actual health problems across the life span as well as corresponding pharmacologic and nonpharmacologic treatments. Also included will be cultural implications and the costs of medications to deliver equitable care to diverse populations.

Upon completion, students will be able to:

- Analyze the etiology and pathophysiological alterations associated with selected conditions across the life span for comprehensive person-centered care with the application of health policy and advocacy (AACN 2.9).
- Synthesize relevant theories and research as a basis for expanding nursing knowledge of pathophysiologic changes and clinical manifestations associated with selected conditions to prevent or reduce adverse outcomes (AACN 1.2).
- Discuss the issues/considerations associated with the pathophysiologic changes in special populations to deliver equitable care addressing disparities and inequities (AACN 3.3).
- Synthesize the principles of pharmacology and pharmacotherapeutics for person-centered care (AACN 1.1).
- Categorize the most prescribed agents and explain the mechanism of action of the major drug classes for selected conditions to advance nursing scholarship and optimize health care and strengthen outcomes (AACN 4.1).
- Develop effective communication strategies with interprofessional teams to analyze the adverse effect and drug interactions of specific medications in major drug classes to address actual or potential health hazards (AACN 9.3).
- Synthesize evidence-based practices to develop a therapeutic pharmacologic and nonpharmacologic treatment plan for person-centered care, considering cultural implications and cost (AACN 2.5).

Grade Basis: L
Credit hours: 3.0

Lecture hours: 3.0
Lab hours: 0.0

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