

COURSE APPROVAL DOCUMENT
Southeast Missouri State University

Department: Nursing

Course No. NS497

Title of Course: Introduction to Critical Care Nursing

Date: 4/27/17

Please check: New
 Revision

I. Catalog Description (Credit Hours of Course):

Application of knowledgeable caring for the adult client with acute critical illness based on evidenced-based, holistic nursing practice. (1 credit hour)

II. Co- or Prerequisite(s):

First semester senior standing in the BSN program; must have completed all 300-level NS /NC courses. Co-requisites: NS/NC487, NS/NC488, NS/NC489.

III. Purposes or Objectives of the Course (optional):

- A. Outline priorities of care for the critically patient..
- B. Incorporate into nursing discussion an appreciation of the uniqueness, health patterns and the interrelationships of adults and families with a variety of critical illnesses.
- C. Identify and prioritize safe nursing interventions utilizing professional guidelines and standards and supported by evidence- based practice.
- D. Discuss the application of knowledgeable caring in the clinical setting.
- E. Use critical thinking to make increasingly complex judgments to facilitate clients in attaining an optimal level of wellness within the context of their environment.
- F. Select theoretical content appropriate for specific clinical situations.
- G Incorporate care management objectives into the nursing plans of critically ill patients.
- H. Consider the ethical and legal aspects of patient care.
- I. Recognize and explore the significance of culture, spirituality, and socio-economic variables in caring for critically ill patients and their families.
- J. Integrate quality and safety in all aspects of caring for the critically ill patient and their families.

IV. Course Level Objectives:

- A. Successful completion of Critical Care exam.
- B. Successful completion and participation in group Case Study project.

V. Names of Faculty Qualified to Teach the Proposed Course:

- A. Dr. Linda K. Heitman

VI. Course Content or Outline (Indicate number of class hours per unit or section):

Nursing Interventions for Care of the Critically Ill Patient

- A. Overview of Critical Care Nursing
- B. AACN Synergy Model for Patient Care
- C. Assessment of the Critical Care Patient
- D. Quality and Safety Issues/IOM/QSEN
- E. Ethical And Legal Issues
 - a. Order of Consent/Anatomical Gift Act
 - b. Advanced Directives
 - c. Termination of Life Support
- F. End-of-Life Concerns
- G. Trauma and Surgical Management
 - a. Mass Casualties
 - b. Triage
- H. Traumatic Brain Injury
- I. Subdural Hematomas
- J. Introduction to Donor Management
 - a. Diabetes Insipidus (DI)
 - b. Syndrome of Inappropriate Secretion of ADH (SIADH) *A>J: 3 hrs.
- K. Medical Intervention for the Cardiac Patient
 - a. Acute Myocardial Infarction
 - b. Non-Invasive Diagnostic Testing
 - c. Invasive Testing
 - d. Thrombolytic Therapies
 - e. Percutaneous Transluminal Angioplasty
 - f. Stents
- L. Surgical Intervention for the Cardiac Patient
 - a. Coronary Bypass Surgery
 - b. Cardiac Tamponade
 - c. Valvular Repair & Replacement/TAVR *K>L: 3 hrs.
- M. Code Management/Rapid Response Teams
- N. MEWS (Modified Early Warning Systems)
- O. Acute Respiratory Failure
 - a. Mechanical Ventilation
 - b. Chemical Sedation
 - c. ARDS/SARS
- P. Multiple Organ Failure/ Metabolic Syndrome
- Q. Nutritional Concerns of the Critically Ill Patient/Nutritional Supplements M>Q:

3 hrs.

R. Dysrhythmia Interpretation & Management

- a. Cardioversion
- b. Electrophysiology
- c. Ablation
- d. Maze Procedure
- e. Pacemakers

S. Congestive Heart Failure

- a. Hemodynamic Monitoring
- b. Intraaortic Balloon Pump
- c. Ventricular Assist Devices

d. Total Artificial Hearts *R>S: 3 hrs.

T. Fluid & Electrolyte Management of the Critically Ill Patient

U. Burns

V. Central Lines

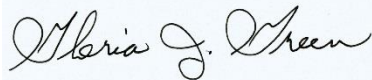
W. Acute GI Bleed and Acute Pancreatitis

X. Detoxification Protocol *T>X: 3 hrs.

s Total: 15 hrs.

Attach the following:

- copy of example class syllabus and course schedule.
- memo from Library Dean assessing available and needed library holdings and resources.
- memo(s) from Department Chairs in affected departments stating possible issues and/or conflicts are resolved.



Signature: _____
Chair

Date: 05/05/2017

Signature: _____
Dean

Date: _____

Approved by department: April 26, 2017

Approved by College Council: May 3, 2017