Course Description

In-depth coverage of advanced health care concepts with nursing application through selected exemplars. Concepts include, cognition, immunity, clotting, fluid and electrolyte balance, gas exchange, metabolism, nutrition, perfusion, coping, tissue integrity, and interpersonal relationships. Continuing development of clinical judgment with integration of all program concepts. The course lends itself to a concept-based approach.

Course Objectives

Upon completion of this course the student will:

1. Utilize a systematic process to analyze selected advanced health care concepts for diverse patients across the lifespan.
2. Describe nursing management for selected advanced health care concepts.
3. Apply the learned concepts to a variety of health care situations.
4. Analyze the interrelatedness of program concepts to make clinical judgements for optimum patient care outcomes.

Course Outline

HEALTH CARE CONCEPTS – BIOPHYSICAL

Clotting

- Disseminated Intravascular Coagulation
- Thrombocytopenia
- Idiopathic Thrombocytopenia Purpura (ITP)
- HELLP Syndrome

Fluid & Electrolytes

- Extracellular Fluid Volume Excess – Heart Failure
- Hypokalemia – Heart Failure
- Hyperkalemia – Acute Renal Failure
Gas Exchange
- Respiratory Distress Syndrome
- Pulmonary Emboli
- Cystic Fibrosis

Immunity
- Sepsis
- Human Immunodeficiency Virus (HIV)
- Organ Transplantation
- Systemic Inflammatory Response Syndrome (SIRS)

Metabolism
- Liver Failure
- Starvation – Failure to Thrive

Nutrition
- Pancreatitis
- Cirrhosis

Perfusion
- Dysrhythmias
- Myocardial Infarction
- Shock
- Multiple Organ Dysfunction Syndrome (MODS) with Shock and/or DIC

Tissue Integrity
- Burns

HEALTH CARE CONCEPTS – PSYCHOSOCIOCULTURAL

Cognition
- Traumatic Brain Injury
- Encephalopathy
- Postpartum Psychosis
- Post-Traumatic Stress Disorder
- Schizophrenia
Coping
- Stress – Traumatic Injury

Interpersonal Relationships
- Violence
  Intimate partner violence
  Workplace Violence
  Elder Abuse
  Child Abuse
    Shaken Baby syndrome
  Bullying
  Rape/Trauma
- Personality Disorders

Required Textbooks & Equipment

*Elsevier Publishing – Package*
  St. Louis: Mosby Elsevier.
  St. Louis: Mosby Elsevier.

*Semester syllabus*
*Associate Degree Nursing Program student handbook*
*ExamSoft*
Course Requirements
To be determined later

Last Revised 08/15