

# North Central Michigan College

## NCMC MASTER COURSE SYLLABUS

Last Date Revised \_\_\_\_\_

**INSTRUCTIONAL AREA: Nursing and Allied Health**      **DEPARTMENT: Nursing**  
**ASSOCIATE DEAN: Mary Miles**      **ORIGINATOR: Carol Still, Therese Rasch**  
**DEAN OF INSTRUCTION: Christine Hammond, Ph.D.**

**COURSE ALPHA/NUMBER: NUR 270**

**COURSE TITLE: Complex Care Concepts**

### HOURS OF INSTRUCTION:

Credit hours: 11  
Lecture: 6  
Lab: 0  
Clinical: 15  
Variable Hours:  
Total Hours of Instruction: 21  
Total Contact Hours: 369.6  
*(Total Contact Hours Formula: (lecture hours + lab hours) x 17.6*

**CATALOG DESCRIPTION:** Assimilates the concepts within three domains of knowledge, skills and attitudes. Emphasis is placed on the concepts of fluid/electrolytes, metabolism, perfusion, mobility, stress/coping, violence, health-wellness-illness, professional behaviors, caring interventions, managing care healthcare systems, and quality improvement. Upon completion students should be able to demonstrate the knowledge, skills, and attitudes necessary to provide quality individualized entry level nursing care to a group of patients.

**PREREQUISITE(S):** Acceptance into the nursing program; NUR 110, NUR 130, NUR 150, NUR 170, NUR 210, NUR 230, NUR 250

**COREQUISITE(S):** none

### GENERAL EDUCATION DISTRIBUTION AREA:

<input type="checkbox"/> Communications, Writing	<input type="checkbox"/> Natural Science Group A
<input type="checkbox"/> Communications, Communications	<input type="checkbox"/> Natural Science Group B
<input type="checkbox"/> Humanities Group A	<input type="checkbox"/> Social Science Group A
<input type="checkbox"/> Humanities Group B	<input type="checkbox"/> Social Science Group B
<input type="checkbox"/> Mathematics	<input checked="" type="checkbox"/> Non Applicable

### GENERAL EDUCATION OUTCOMES:

Write and Speak Effectively

Think Critically & Analytically

Write & Speak Effectively and Think Critically & Analytically

Non Applicable

**COURSE OBJECTIVES AND OUTCOMES:** The student will:

1. Correlate the inter-relationship of complex pathophysiology and the clinical course of individual patients and families.
2. Assimilate knowledge of the basic concepts of the nursing care of individuals with complex health problems, and the interplay of these concepts in the promotion of health, wellness and illness within the health care system
3. Assimilate concepts within the domains of nursing to practice professional nursing behaviors and provide safe, therapeutic nursing care to those with complex health care issues
4. Manage health care for groups of individual using cost effective nursing strategies, evidence based practice, quality improvements processes, and current technologies.
5. Communicate professionally and effectively with patient, family member as well as collaborate with the health care team in coordinating care.
6. Integrate the use of technology in the use of evidence based practice in the care of patients with complex health issues and the health care system.

**METHODS OF INSTRUCTION:** Focused lectures, discussion, individual and group applied exercises, human patient simulator exercises, and clinical placement for direct and observational care in acute care settings.

**METHODS OF EVALUATION:** Quizzes and exams.

**REQUIRED TEXT AT TIME OF COURSE ADOPTION/REVISION:**

TEXTS:

OPTIONAL SUPPLEMENTARY MATERIALS:

**Reasonable accommodations can be provided for students with documented disabilities. Please contact Learning Support Services for assistance: (231)348-6817.**

**SUGGESTED TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:**

*(List general content description of what is being covered each week)*

*(If you need more than one line for a week, hit enter at the end of row; second line will begin)*

WEEK 1	Introduction to course: Perfusion
WEEK 2	Perfusion-Acute coronary syndrome
WEEK 3	Perfusion-Cardiovascular-Cardiac surgery

WEEK 4	Thermoregulation-MSOF
WEEK 5	Thermoregulation-Intracranial processes
WEEK 6	Infection-Sepsis
WEEK 7	Mobility-Spinal cord Injury
WEEK 8	Violence-Multiple trauma
WEEK 9	Stress and coping-Emergency care
WEEK 10	Tissue Integrity-Burns
WEEK 11	Metabolism-Liver diseases
WEEK 12	Oxygenation-ARDS
WEEK 13	Gerontological nursing; Family; Grief and Loss
WEEK 14	Fluid and electrolytes-Acute and chronic renal failure
WEEK 15	Health-Illness-Wellness: Consumer education
WEEK 16	Quality Improvement; Final Exam

APPROVED FOR ADOPTION/REVISION BY THE CRD/AP COMMITTEE ON \_\_\_\_\_ 2/14/11 \_\_\_\_\_