



**RNSG 1331-101C3**  
**Principles of Clinical Decision-Making**  
**Fall 2024**  
**0800-1100 Wednesday**

**Instructor Information:**

Lisa Hall, [lhall8@com.edu](mailto:lhall8@com.edu), 409-933-8164

Terri Davis [tdavis9@com.edu](mailto:tdavis9@com.edu)

**Student hours and location:** 0800-1100 Wednesday - STEAM-102

**Required Textbook/Materials:**

Elsevier.CS:ESSENTIALS (ECM).ISBN:9780323389471

Elsevier.BOC:Lilley Phrm&Ng Prc SP (Sherpath) Phrm eC10.ISBN:9780323876315.

EAQ Fundamentals. 10th Edition. ISBN: 9780323758185. Elsevier.  
(2021).

Potter, P., & Perry, A. (2021). *Fundamentals of nursing* (11th ed.). Philadelphia, PA: F. A. Davis Company. [Print] ISBN: 978-0323677721 or

Elsevier.BOC:SP Fund Potter Fund eCm11.ISBN:9780323879828

Mulholland, J., Turner, S. (2019). *The nurse, the math, the meds: drug calculations and dimensional analysis* (4<sup>th</sup> ed.). St. Louis, MO: Mosby

Silvestri & Silvestri. Strategies for Student Success on the Next Generation NCLEX (NGN) Test Items. ISBN:9780323872294.

Harding, M., & Hagler, D. (2022) *Conceptual Nursing Care Planning* (8<sup>th</sup> ed.). St. Louis, MS: ISBN:9780323760171. Elsevier

Sim Chart 9781455711703. Elsevier

Nurse Think Student Success Book Bundle:

Bring a laptop to each class session for quizzes and assignments.

**Web camera** (either built into your camera or attachable if courses switch to online)

**Course Description:** Examination of selected principles related to the continued development of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team, and member of the profession. Emphasis on clinical decision-making for clients in medical-surgical settings experiencing health problems involving fluid and electrolytes, perioperative care, pain, respiratory disorders, peripheral vascular disorders, immunologic disorders, and infectious disorders. Discuss knowledge, judgment, skills, and professional values within a legal/ethical framework. This course lends itself to either a blocked or integrated approach. (Credit 3: Lecture 2, Lab 1 48 Contact Hours)  
(catalog description)

**Course requirements:**

1. Concept Map (2): Demonstrate critical thinking utilizing a systematic framework to apply the roles of the professional nurse when providing patient care for selected health problems.
2. In-Class Assignments: Assess incremental knowledge as the roles of the professional Nurse apply to patient-centered care for patients and their families with selected health problems.
3. Elsevier Adaptive Quizzing: Assess the application of pathophysiology, clinical management, and nursing processes for patients and their families experiencing selected health problems.
4. Pharmacology Modules: This module assesses basic knowledge of pharmacology related to the clinical management of patients and their families with selected health problems.  
(including a description of any special projects or assignments)

**Testing**

This serves as a notice that the Nursing Faculty has updated policy 2.18 Testing in the Associate Degree in Nursing Student Handbook. This updated policy supersedes any previous associate degree in nursing student Handbook policy regarding policy 2.18 Testing. The revised policy 2.18 Testing is effective on January 21st, 2020. The revised policy may be found at:

[https://build.com.edu/uploads/sitecontent/files/nursing-student-resources/Revised\\_Nursing\\_Student\\_Handbook\\_Policy\\_01-21-20204.pdf](https://build.com.edu/uploads/sitecontent/files/nursing-student-resources/Revised_Nursing_Student_Handbook_Policy_01-21-20204.pdf)

**Determination of Course Grade/Detailed Grading Formula:****Grading Scale:**

**A= 90-100**

**B= 80-89.99**

**C= 75-79.99\***

**D= 60-74.99**

**F= <60**

\*A minimum final grade of “C” is required to pass this score

**Grade Calculation**

All assignments, including pass/fail, must be submitted to pass the course. All grades must total 75% average to pass the class. See Grade Determination & Calculation in the Nursing Student Handbook.

(methods of evaluation to be employed to include a variety of means to evaluate student performance)

<b>Assignment</b>	<b>%</b>
Concept Map 1	<b>14</b>
Concept Map 2	<b>16</b>
Clinical Essentials	<b>14</b>
Quizzes EAQ/book, NPA (6)	<b>20</b>
Nursing Practice Act (NPA)	<b>2</b>
Theorists/Ethical Issues Presentation	<b>7</b>
Pharmacology Lessons	<b>12</b>
Pharmacology Sherpath Modules Quizzes	<b>5</b>
*Pharmacology Sherpath Exam	<b>10</b>
<b>Total</b>	<b>100%</b>

\*The grading for Mastery quizzes in EAQ and Pharmacology are listed below:

The following shows the conversion score for the grade book.

Proficient= 100%

Intermediate= 87.5%

Novice= 75%

<Novice= 0%

**Late Work, Make-Up, and Extra-Credit Policy:** All course assignments EAQ/book and NPA (Nursing Practice Act) quizzes are completed in class. Master quizzes, NPA questionnaires, and pharmacology assignments are completed outside of class. There is no makeup for quizzes and assignments. See Late Assignments Policy in the Nursing Student Handbook.

**Attendance Policy:** See the Attendance Policy in the Nursing Student Handbook.

**Communicating with your instructor:** ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share information about class performance through other electronic means. (Faculty may add an additional statement requiring monitoring and communication expectations via D2L or other LMS). Personal email communication will not be answered.

<b>Student Learner Outcome</b>	<b>Maps to Core Objective</b>	<b>Assessed via this Assignment</b>
1. Explain the professional nurse's role in providing patient-centered care, patient safety advocate, healthcare team member, and profession member.	Outcome #3 Practice beginning leadership skills to include effective delegation; collaboration with the patient, family, and members of the health care team; coordination of safe, effective, caring, evidence-based, and therapeutic patient-centered care; and integration of knowledge from the humanities, nutrition, pharmacology, and the psychosocial, biological, and nursing sciences.	Concept Map EAQ Quizzes
2. Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving fluid and electrolytes, perioperative care, pain, respiratory disorders, peripheral vascular disorders, immunologic disorders, and infectious disorders.	Outcome #2 Apply the nursing process as a provider of patient-centered care in primary, secondary, and tertiary settings to promote health by assisting patients in achieving, improving, or maintaining an optimum level of wellness.	Concept Map EAQ Quizzes
3. Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families	Outcome #4 Synthesize principles and techniques of interpersonal communication to implement therapeutic interactions with culturally diverse individuals, families, and groups in a variety of settings.	EAQ Quizzes Clinical Essentials

### **WECM End-of-Course Outcomes**

Utilize critical thinking and a systematic problem-solving process as a framework for providing nursing care for patients and families in structured healthcare settings experiencing health problems involving fluid and electrolytes; perioperative care; pain; respiratory disorders; peripheral vascular disorders; immunologic disorders; and infectious disorders; and explain the roles of the professional nurse in the provision of patient-focused care.

### **Methods of Instruction**

PowerPoint Presentations  
Quizzing  
Role Play  
Online Assignments  
Electronic Charting (Sim chart)  
Respondus Lockdown Browser +  
Webcam on your computer for quizzes  
and in-class assignments.

**Academic Dishonesty:** (Describe your academic dishonesty policy and state consequences if it is violated)

**Student Concerns:** If you have any questions or concerns about any aspect of this course, please contact the facilitator using the contact information previously provided. If, after discussing your concern, you still have questions, please fill out a student concern form and request to meet with the facilitator. If the issue is still not resolved, then you would ask to meet with the director. Dr. D. Bauer, Director of Nursing at [dbauer3@com.edu](mailto:dbauer3@com.edu)

**Course outline:** See D2L Brightspace for the course calendar.

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## **Institutional Policies and Guidelines**

**Grade Appeal Process:** Concerns about the accuracy of grades should first be discussed with the instructor. A request for a grade change is formal and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook [https://www.com.edu/student-services/docs/Student\\_Handbook\\_2024-2025\\_v2.pdf](https://www.com.edu/student-services/docs/Student_Handbook_2024-2025_v2.pdf). *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or course outcome. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not a permissible basis for a grade appeal.*

**Academic Success & Support Services:** **The College of the Mainland is committed to providing students with** the necessary support and tools for success in their college careers. Our Tutoring Services, Library, Counseling, and Student Services offer support. Please discuss any concerns with your faculty or an advisor.

### **ANA Scope and Standards of Practice**

Students are expected to adhere to established ANA Scope and Standards of Practice (2015). (See Student Handbook and Clinical Evaluation Tool for detailed explanation of standards.)

### **Student Handbooks**

Students are expected to adhere to all policies outlined in the College and Nursing Program student handbooks.

### **Syllabus Revisions**

Faculty reserves the right to make changes to the syllabus as deemed necessary.

**ADA Statement:** Any student with a documented disability needing academic accommodations is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: [AccessibilityServices@com.edu](mailto:AccessibilityServices@com.edu)

Location: COM Doyle Family Administration Building, Student Success Center

**Textbook Purchasing Statement:** A student attending the College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

**Withdrawal Policy:** Students may withdraw from this course for any reason before the last eligible day for a “W” grade. Before withdrawing, students should speak with the instructor and consult an advisor. According to state law, students can withdraw only six times during their college career. **The last date to withdraw from the 1<sup>st</sup> 8-week session is October 2. The last date to withdraw from the 16-week session is November 15. The last date to withdraw for the 2<sup>nd</sup> 8-week session is November 26.**

### **Classroom Conduct Policy/Student Conduct**

Classroom Conduct Policy: College of the Mainland requires that students enrolled at COM be familiar with the Standards of Student Conduct, which can be found in the on-line Student Handbook. <http://www.com.edu/student-services/studenthandbook.php> . Students should always act in a professional manner. Disruptive students will be held accountable according to college policy. Any violations of the Code of Conduct will result in a referral to the Office for Student Conduct and may result in dismissal from this class. In addition to the Standards of Student Conduct found in the online COM Student Handbook (<http://www.com.edu/student-services/student-handbook.php>), nursing students are expected to demonstrate good professional character as defined in in BON Rule 213.27 ([http://bon.texas.gov/rr\\_current/213-27.asp](http://bon.texas.gov/rr_current/213-27.asp)). See [Behavior/Conduct in the Nursing Student Handbook](#).

**Plagiarism**

Plagiarism is using someone else's words or ideas and claiming them as your own. Plagiarism is a very serious offense. Plagiarism includes paraphrasing someone else's words without giving proper citation, copying directly from a website, and pasting it into your paper, using someone else's words without quotation marks. Any assignment containing plagiarized material will receive a **grade of zero**, and the student will be referred to the Office of Student Conduct for appropriate disciplinary action. Also see the Behavior/Conduct policy in the Nursing Student Handbook.

**Avoiding Plagiarism:** <http://www.plagiarism.org/>

**FN Grading:** The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

**Early Alert Program:** The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer to meet your academic goals.

**Resources to Help with Stress:**

If you are experiencing stress or anxiety about your daily living needs, including food and housing, or feel you could benefit from free resources to help you through a difficult time, please click here: <https://www.com.edu/community-resource-center/>. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at [deanofstudents@com.edu](mailto:deanofstudents@com.edu) or [communityresources@com.edu](mailto:communityresources@com.edu).

**Nondiscrimination Statement:**

The College District prohibits discrimination, including harassment, against any individual based on race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process violates College District policy.

## **Course Content**

### **Unit 3: Critical Judgement in Nursing Practice**

#### **Unit Student Learning Outcomes**

Upon completion of this unit, the student will be expected to utilize beginning critical thinking/clinical reasoning skills in implementing the nursing roles of Member of the Healthcare Team, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Profession to:

1. Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families.

#### **Learning Content**

- I. Critical Judgment in Nursing Practice
- II. Critical Thinking Defined
  - A. Reflection
- III. Levels of Critical Thinking
  - A. Basic Critical Thinking
  - B. Complex Critical Thinking
  - C. Commitment
- IV. Critical Thinking Competencies
  - A. General Critical Thinking
  - B. Specific Critical Thinking
  - C. Nursing Process as a Competency
- V. A Critical Thinking Model for Clinical Decision Making
  - A. Specific Knowledge Base
  - B. Experience
  - C. The Nursing Process
  - D. Attitudes for Critical Thinking
  - E. Standards for Critical Thinking
- VI. Critical Thinking Synthesis
- VII. Developing Critical Thinking Skills
  - A. Reflective Journaling
  - B. Meeting with Colleagues
  - C. Concept Mapping
- VII. Managing Stress
- VIII. A Critical Thinking Approach to Assessment
  - A. Developing the Nurse-Patient Relationship for Data Collection
  - B. Types of Assessment



- C. Types of Data
- D. Sources of Data
- IX. The Patient-Centered Interview
  - A. Interview Preparation
  - B. Phases of an Interview
  - C. Interview Techniques
- X. Nursing Health History
  - A. Cultural Considerations
  - B. Components of the Nursing Health History
  - C. Observation of Patient Behavior
  - D. Diagnostic and Laboratory Plan
  - E. Interpreting and Validating Assessment Data
  - F. Data Documentation
  - G. Concept Mapping
- XI. History of Nursing Diagnosis
- XII. Types of Nursing Diagnosis
- XIII. Critical Thinking and the Nursing Process
  - A. Data Clustering
  - B. Data Interpretation
  - C. Formulating a Nursing Diagnostic Statement
  - D. Cultural Relevance of Nursing Diagnosis
- XIV. Concept Mapping
- XV. Sources of Diagnostic Errors
  - A. Errors in Data Collection
  - B. Errors in Interpretation and Analysis of Data
  - C. Errors in Data Clustering
  - D. Errors in the Diagnostic Statement
- XVI. Documentation and Informatics
- XVII. Nursing Diagnoses: Application to Care Planning
- XVIII. Establishing Priorities
  - A. Priorities in Practice
- XIX. Critical Thinking in Setting Goals and Expected Outcomes
  - A. Role of the Patient in Goal/Outcome Setting
  - B. Selecting Goals and Expected Outcomes
  - C. Writing Goals and Expected Outcomes
- XX. Critical Thinking in Planning Nursing Care
  - A. Types of Interventions
  - B. Selection of Interventions
- XXI. Systems for planning Nursing Care
  - A. Hand-Off Reporting
  - B. Student Care Plans

- C. Concept Maps
- XXII. Consulting with Other Health Care Professionals
  - A. When to Consult
  - B. How to Consult
- XXIII. Standard Nursing Interventions
  - A. Clinical Practice Guidelines and Protocols
  - B. Standing Orders
  - C. Nursing Interventions Classification Interventions
  - D. Standards of Practice
  - E. Quality and Safety Education for Nurses (QSEN)
- XXIV. Critical Thinking in Implementation
- XXV. Implementation Process
  - A. Reassessing a Patient
  - B. Reviewing and Revising the Existing Nursing Care Plan
  - C. Preparing for Implementation
  - D. Anticipating and Preventing Complications
  - E. Implementation Skills
- XVI. Direct Care
  - A. Activities of Daily Living
  - B. Instrumental Activities of Daily Living
  - C. Physical Care Techniques
  - D. Lifesaving Measures
  - E. Counseling
  - F. Teaching
  - G. Controlling for Adverse Reactions
  - H. Preventive Measures
- XVII. Indirect Care
  - A. Communicating Nursing Interventions
  - B. Delegating, Supervising, and Evaluating the Work of Other Staff Members
- XVIII. Achieving Patient Goals
- XXIX. Critical Thinking in Evaluation
  - A. Examine Results
  - B. Recognize Errors or Unmet Outcomes
  - C. Self-Reflection and Correction of Errors
  - D. Care Plan Revision
- XXX. Standards for Evaluation
  - A. Collaborate and Evaluate Effectiveness of Interventions
  - B. Document Results
- XXXI. A. Building A Nursing Team
  - B. Magnet Recognition

- C. Nursing Care Delivery Models
- D. Decision Making
- XXXII. Leadership for Nursing Students
  - A. Clinical Care Coordination
  - B. Team Communication
  - C. Delegation
  - D. Knowledge Building

**Learning Activities**

Read Perry & Potter Chapters 15, 16, 17, 18, 19 & 20.  
EAQ Quiz

## **Unit 5 Foundations for Nursing Practice**

### **Unit Student Learning Outcomes**

Upon completion of this unit, the student will be expected to utilize beginning critical thinking/clinical reasoning skills in implementing the nursing roles of Member of the Healthcare Team, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Profession to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing inflammation and infection.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving inflammation and infection.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing inflammation and infection.

### **Learning Content**

- I. Scientific Knowledge Base
  - A. Nature of Infection
  - B. Chain of Infection
  - II. The infectious process
    - A. Defense Against Infection
    - B. Health Care-Associated Infections
- III. Nursing Knowledge Base
  - A. Factors Influencing Infection Prevention and Control
  - IV. Nursing Process
    - A. Assessment
    - B. Nursing Diagnosis
    - C. Planning
    - D. Implementation
    - E. Evaluation
  - V. Human Immunodeficiency Virus Care Plans

### **Learning Activities**

Read Pottery & Perry Chapter 28

Review pages 174-194 in Conceptual Nursing Care Planning

Complete Pharmacology in Sherpath per Pharmacology course calendar.

EAQ Quiz

## **Unit 7 Physiological Basis for Nursing Practice**

### **Unit Student Learning Outcomes**

Upon completion of this unit, the student will be expected to utilize beginning critical thinking/clinical reasoning skills in implementing the nursing roles of Member of the Healthcare Team, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Profession to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing pain.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving pain.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing pain.

### **Learning Content**

- I. Scientific Knowledge Base
  - A. Nature of Pain
  - B. Physiology of Pain
  - C. Gate Control Theory of Pain
- II. Nursing Knowledge Base
  - A. Knowledge, Attitudes, and Beliefs
  - B. Factors Influencing Pain
- III. Critical Thinking
- IV. Nursing Process
  - A. Assessment
  - B. Nursing Diagnosis
  - C. Planning
  - D. Implementation
  - E. Evaluation
- V. Physical Mobility, Fatigue or Migraine Care Plans

### **Learning Activities**

Read Pottery & Perry p. 1130-1169  
Review pages 223-228 in Conceptual Nursing Care Planning  
Complete Pharmacology in Sherpath per Pharmacology course calendar.  
EAQ Quiz

## **Fluid & Electrolytes**

### **Unit Student Learning Outcomes**

Upon completion of this topic, the student will be expected to utilize beginning critical thinking skills in implementing the nursing roles of Member of the profession, Provider of Patient Centered Care, Patient safety advocate, and Member of the healthcare team to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing health issues involving fluid and electrolytes.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving fluid and electrolytes.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing fluid and electrolytes.

### **Learning Content**

- I. Scientific Knowledge Base
  - A. Location and Movement of Fluid and Electrolytes
  - B. Fluid Balance
  - C. Fluid Imbalances
  - D. Electrolyte Balance
  - E. Electrolyte Imbalances
  - F. Acid-Base Balance
  - G. Acid-Base Imbalances
- II. Nursing Knowledge Base
- III. Critical Thinking
- IV. Nursing Process
  - A. Assessment
  - B. Nursing Diagnosis
  - C. Planning
  - D. Implementation
  - E. Evaluation
- V. Fluid & Electrolyte Imbalances or Gas Exchange Care Plans

### **Learning Activities**

Read Pottery & Perry p. 1042-1103  
Review pages 53-66 in Conceptual Nursing Care Planning  
EAQ Quiz/Case Studies

## Oxygenation

### Unit Student Learning Outcomes

Upon completion of this topic, the student will be expected to utilize beginning critical thinking skills in implementing the nursing roles of Member of the profession, Provider of Patient Centered Care, Patient safety advocate, Member of the healthcare team to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing health issues involving peripheral vascular disorders.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving peripheral vascular disorders.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing peripheral vascular disorders.

### Learning Content

- I. Respiratory System Assessment
- II. Cardiovascular System Assessment
- III. Scientific Knowledge Base
  - A. Respiratory Physiology
  - B. Cardiovascular Physiology
  - C. Factors Affecting Oxygenation
  - D. Alterations in Respiratory Functioning
  - E. Alterations in Cardiac Functioning
- IV. Nursing Knowledge Base
  - A. Factors Influencing Oxygenation
- V. Critical Thinking
- VI. Nursing Process
  - A. Assessment
  - B. Nursing Diagnosis
  - C. Planning
  - D. Implementation
  - E. Evaluation
- VII. Cardiac Output and Aspiration Care Plans

**Learning Activities**

Read Perry & Potter p. 971-1039

Review pages 138 -152 in Conceptual Nursing Care Planning

Complete Pharmacology in Sherpath per Pharmacology course calendar.

EAQ Quiz



## **Unit 7: Respiratory Disorders**

### **Unit Student Learning Outcomes**

Upon completion of this unit, the student will be expected to utilize beginning critical thinking/clinical reasoning skills in implementing the nursing roles of Member of the Healthcare Team, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Profession to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing health issues involving respiratory disorders.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving respiratory disorders.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing respiratory disorders.

### **Learning Content**

- I. Respiratory System Assessment
- II. Cardiovascular System Assessment
- III. Scientific Knowledge Base
  - A. Respiratory Physiology
  - B. Cardiovascular Physiology
  - C. Factors Affecting Oxygenation
  - D. Alterations in Respiratory Functioning
  - E. Alterations in Cardiac Functioning
- IV. Nursing Knowledge Base
  - A. Factors Influencing Oxygenation
- V. Critical Thinking
- VI. Nursing Process
  - A. Assessment
  - B. Nursing Diagnosis
  - C. Planning
  - D. Implementation
  - E. Evaluation
- VII. Asthma, Pneumonia, COPD, and TB Care Plans

**Learning Activities**

Read Perry & Potter p. 971-1039

Review pages 79 -85 in Conceptual Nursing Care Planning

Complete Pharmacology in Sherpath per the Pharmacology course calendar.

EAQ Quiz

## **Perioperative Care**

### **Unit Student Learning Outcomes**

Upon completion of this unit, the student will be expected to utilize beginning critical thinking/clinical reasoning skills in implementing the nursing roles of Member of the Healthcare Team, Provider of Patient-Centered Care, Patient Safety Advocate, and Member of the Profession to:

- 1) Explain the roles of the professional nurse in the provision of patient-centered care, patient safety advocate, member of the healthcare team, and member of the profession as it relates to patients and their families in the medical-surgical setting experiencing health issues involving perioperative care.
- 2) Examine the pathophysiology and clinical management of patients and their families experiencing health problems involving perioperative care.
- 3) Demonstrate beginning critical thinking skills utilizing a systematic problem-solving process to provide care for patients and their families experiencing perioperative care.

### **Learning Content**

- I. Scientific Knowledge Base
  - A. Classification of Surgery
  - B. Surgical Risk Factors
- II. Nursing Knowledge Base
  - A. Perioperative Communication
  - B. Glycemic Control and Infection Prevention
  - C. Pressure Ulcer Prevention
- III. Critical Thinking
- IV. Nursing Process
  - A. Assessment
  - B. Nursing Diagnosis
  - C. Planning
  - D. Implementation
  - E. Evaluation
- V. Pain, Nausea and or Perioperative Positioning Injury Care Plans

### **Learning Activities**

Read Perry & Potter p. 1413-1461  
EAQ Quiz/Case Studies

