

# COURSE OUTLINE

Firelands Regional Medical Center School of Nursing  
Sandusky, Ohio

## **MEDICAL SURGICAL NURSING**

January 2026

|               |            |   |
|---------------|------------|---|
| COURSE HOURS: | 105        | Theory Hours  |
|               | 12         | Planned Laboratory Hours  |
|               | 14         | Planned Simulation Hours  |
|               | 3          | Planned Observation Hours   |
|               | 106        | Planned Clinical Hours  |
|               | 132        | Total number of Laboratory, Simulation, and Clinical hours combined |
|               | <b>240</b> | <b>Total Course Hours</b>   |
|               | 10         | Credit Hours  |

FACULTY: Rachel Haynes, MSN, RN, CNE (Course Co-Coordinator)  
 Heather Schwerer, MSN, RN (Course Co-Coordinator)  
 Kelly Ammanniti, MSN, RN, CHSE  
 Monica Dunbar, DNP, RN  
 Nick Simonovich, MSN, RN  
 Dawn Wikel, MSN, RN, CNE

TEACHING ASSISTANT: Stacia Atkins, BSN, RN

GRADUATE STUDENT: None

**COURSE OBJECTIVES:**

At the conclusion of the course, the student will be able to:

1. Illustrate correlations to demonstrate the pathophysiological alterations in adult patients with medical-surgical problems. (2,3,4,5)\*
2. Perform physical assessments as a method for determining deviations from normal. (3,4,5)\*
3. Execute safety precautions in the implementation of quality, patient-centered care and evidence-based nursing interventions. (2,3,4,5,8)\*
4. Use therapeutic communication techniques to establish a baseline for nursing decisions. (1,5,7)\*
5. Implement patient education based on teaching needs of patients and/or significant others. (1,6)\*
6. Implement patient-centered plans of care utilizing the nursing process, clinical judgment, and consideration for cultural, ethnic, and social diversity. (2,3,4,5)\*
7. Illustrate professional conduct including self-examination, responsibility for learning, and goal setting. (7)\*

\*End-of-Program Student Learning Outcomes

## COURSE DESCRIPTION:

This course focuses on assessment and nursing care of the adult client with endocrine, gastrointestinal, hepatic, renal, neurological, sensory, musculoskeletal, cancerous, male reproductive, and respiratory disorders. Theory presented addresses patient and family educational, cultural, and spiritual needs, community resources, diet therapy, pharmacotherapy and gerontological considerations. Students use the nursing process and clinical judgment in the care of diverse adult clients in a variety of clinical settings. The course is offered in the spring semester. This course is taken in the second year.

Prerequisite: Nursing Foundations

## TEXTBOOK(S):

### REQUIRED:

Harding, M., Kwong, J., Hagler, D., & Reinisch, C. (2023). *Lewis's medical- surgical nursing: Assessment and management of clinical problems* (12<sup>th</sup> ed.). St. Louis, MO: Elsevier, Inc.

Mastenbjork, M., Meloni, S., & Andersson, D. (2016). *Medical terminology: The best and most effective way to memorize, pronounce and understand medical terms* (2<sup>nd</sup> ed.). Medical Creations.

Assessment Technologies Institute; LLC. (2023). *RN pharmacology for nursing* (9<sup>th</sup> ed.). ATI.

Assessment Technologies Institute; LLC. (2023). *RN adult medical surgical nursing* (12<sup>th</sup> ed.). ATI.

Assessment Technologies Institute; LLC. (2024). *Pharmacology made easy 5.0 tutorial*. ATI.

ShadowHealth- <https://pilot.shadowhealth.com/>

Skyscape- <https://www.skyscape.com>. Electronic device loaded with: Nursing Constellation Plus and Nurse's Pocket Guide

### Optional:

Nugent, P.M. & Vitale, B.A. (2020). *Test success* (9<sup>th</sup> ed.). Philadelphia, PA: F.A. Davis Company.

Doherty, C.D. (2024). *Med-surg success* (5<sup>th</sup> ed.). Philadelphia, PA: F.A. Davis Company.

Silvestri, L.A., & Silvestri, A. (2026). *Saunders 2026-2027 clinical judgment and test-taking strategies*. Elsevier.

Purchase an NCLEX-RN review book.

## TEACHING STRATEGIES:

Assigned Textbook Readings  
Lecture and Discussion  
Audio-Visual Aids  
Demonstrations  
Evidence-Based Poster  
Clinical Judgment Exercises  
Pharmacology Activities  
NCLEX Practice Sessions

Interactive Group Activities  
Practice NCLEX Test Items  
Simulation Lab  
Case Studies  
Online Lecture  
Virtual Simulation Scenarios  
Guest Speakers  
Critical Thinking Exercises  
Clinical Prioritization Experience

Care Maps  
Gaming  
Globalization Presentation  
Skills Videos  
PEARLS Simulation Debriefing  
Pharmacology Independent Studies  
Prioritization, Collaboration, & Delegation  
Activities  
SBAR Handoff Report

## METHODS OF EVALUATION:

Quizzes  
Final Exam  
Evidence-Based Poster Rubric  
Nursing Care Map Rubric  
Clinical Debriefing

Globalization Presentation Rubric  
Skills Lab Competency Tool & Skills Checklists  
Simulation Prebrief & Reflection Journals  
Clinical Discussion Groups Grading Rubric  
Evaluation of Clinical Performance Tool

ATI Proctored Assessment  
Lasater's Clinical Judgment Rubric & Scoring  
Sheet  
Virtual Simulation Scenarios  
Meditech Documentation

#### BIBLIOGRAPHY OF LEARNING RESOURCES:

- Casler, K., & Chaney, A. (2021). Cirrhosis: An evidence-based approach. *Nursing* 2022, 51(2), 24-34. doi: 10.1097/01.NURSE.0000731828.24893.bb
- Centers for Disease Control and Prevention. (2025). *Vaccine information statement: Influenza*. <https://www.cdc.gov/vaccines/hcp/current-vis/influenza-inactivated.html>.
- Centers for Disease Control and Prevention. (2025). *Vaccine information statement: Pneumococcal polysaccharide vaccine*.  
<https://www.cdc.gov/vaccines/hcp/current-vis/pneumococcal-conjugate.html>.
- Chapman, W., Siau, K., Thomas, F., Ernest, S., Begum, S., Iqbal, T., & Bhala, N. (2019). Acute upper gastrointestinal bleeding: A guide for nurses. *British Journal of Nursing*, 28(1). <https://doi.org/10.12968/bjon.2019.28.1.53>
- Galante, C.M. (2022). Asthma management updates. *Nursing* 2022, 52(2), 25-34. DOI-10.1097/01.NURSE.0000806156.52958.3c
- Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Pulmonary Disease- Global Initiative for Chronic Obstructive Lung Disease (GOLD) 2023. Available from <https://goldcopd.org/2023-gold-report-2/>
- Goltz, H. H., Major, J. E., Goffney, J., Dunn, M. W., & Latini, D. (2021, January). Collaboration between oncology social workers and nurses: A patient-centered interdisciplinary model of bladder cancer care. *Seminars in oncology nursing*, 37(1), 151114. doi.org/10.1016/j.soncn.2020.151114
- Lucas, A., & Ward, C. (2022, July). Manual and continuous bladder irrigation: Best practices. *Nursing*, 52(7), 31-36. doi: 10.1097/01.NURSE.0000832324.25954.7b.
- Pruitt, B. (2024). Strategies for interpreting arterial blood gases. *Nursing*, 54(1), 16–21. <https://doi.org/10.1097/01.nurse.0000995560.71478.3f>.
- Salottolo, K., Panchal, R., Madayag, R. M., Dhakal, L., Rosenberg, W., Banton, K. L., ... & Bar-Or, D. (2021). Incorporating age improves the Glasgow Coma Scale score for predicting mortality from traumatic brain injury. *Trauma Surgery & Acute Care Open*, 6(1), e000641.
- Solberg, L., Campbell, C., Jones, K., Vaughn, I., Suryadevara, U., Fernandez, C., Shorr, R. (2021). Training hospital inpatient nursing to know (THINK) delirium: A nursing educational program. *Geriatric Nursing*, 42(1). doi.org/10.1016/j.gerinurse.2020.10.018.
- Yoke, S.T., Yu, H.F., & Ignacio, J. (2023). Effectiveness of educational interventions for nurses caring for patients with chronic kidney disease in improving outcomes. *Journal of Clinical Nursing*, 32(23). <https://doi.org/10.1111/jocn.16929>

#### WEBSITES:

- <https://evolve.elsevier.com> (several Internet resources are available at the end of each chapter in Lewis's Medical Surgical textbook plus additional resources)
- <https://atitesting.com>
- <https://firelands.edvance360.com>
- <https://skyscape.com>
- ShadowHealth- <https://pilot.shadowhealth.com/>
- CINAHL: <https://search.ebscohost.com/login.aspx?authtype=ip.uid&custid=s2447553&groupid=main&profile=ehost&defaultdb=cu1>



| WEEK   | UNIT OBJECTIVES | CONTENT   | RELATED LEARNING EXPERIENCES   |
|--------|-----------------|---|--|
| Week 1 |                 | <p>4. ATI Assignments</p> <ol style="list-style-type: none"> <li>a. Targeted Med-Surg 2023 Practice Assessments</li> <li>b. Skills Modules 4.0</li> <li>c. Pharmacology Made Easy 5.0</li> <li>d. ATI Proctored Assessment &amp; Focused review 2.0 Remediation</li> </ol> <p>LAB AND CLINICAL OVERVIEW</p> <p>A. Clinical Overview</p> <ol style="list-style-type: none"> <li>1. Clinical Orientation (2.5 hours)</li> <li>2. Skyscape Update</li> <li>3. Clinical Schedule</li> <li>4. Clinical, Lab, Simulation Evaluation Tools</li> <li>5. High Fidelity Simulation Orientation (1 hour)</li> <li>6. Shadow Health</li> <li>7. Infection Control Orientation (1 hour, 1/20/25)</li> </ol> <p>B. IV Math (2 hours)</p> <p>C. FSBS (1 hour)</p> <p>D. Head to Toe Checkoff</p> | <p>Refer to Course Syllabus for due dates and times</p> <p>Handouts:</p> <ul style="list-style-type: none"> <li>• Lab Group Assignments</li> <li>• Clinical Schedule</li> <li>• SBAR Report Sheet</li> <li>• Patient Profile Database</li> <li>• CDG Grading Rubric</li> <li>• Nursing Care Map Template, Guidelines, and Rubric</li> <li>• Clinical Signature Forms</li> <li>• Clinical Prioritization Experience</li> <li>• Rehab Orientation Tips</li> <li>• Simulation Orientation Documents (2/10/26)</li> <li>• Simulation Schedule</li> <li>• Simulation Confidentiality Form</li> <li>• Clinical Judgment Model</li> <li>• Lasater Clinical Judgment Rubric</li> <li>• Reflection Journal</li> <li>• Simulation Prebrief</li> <li>• Shadow Health Access Codes &amp; Instructions</li> </ul> <p>Lab: IV Math Handout: IV Calculation Rules (distributed in lab)</p> <p>Lab: IV Math Application scenarios 1/7/26 &amp; 1/8/26 with varying times (see Course Calendar)</p> <p>Preparation: Refer to Edvance360 Lesson: Week 1-FSBS (due 1/6/26)</p> <p>Skills lab: One-on-one demonstration of competence with faculty</p> <p>Preparation: Refer to Edvance360 Lesson: Week 1- Head to Toe Assessment Checkoff (due 1/6/26)</p> <ul style="list-style-type: none"> <li>• Basic head to Toe Assessment Skills Checklist</li> </ul> <p>Skills Lab: One-on-one demonstration with faculty member</p> <p>Preparation: Refer to Edvance360 Lesson: Week 1- Insulin Lab (due 1/6/26)</p> |
| Week 1 |                 |   |  |

| WEEK                        | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES   |
|-----------------------------|---|--|--|
|                             |   | <p>E. Insulin Lab (1 hour)</p> <p>F. Meditech Update (0.5 hour)</p> <p>G. IV Pump (1 hour)</p> <p>H. IV Lab (3 hours)</p> <p>I. Mandatory Lab (3 hours)</p>  | <p>Skills Lab: Guided practice; faculty observation of competence</p> <p>Meditech Station (in-person demonstration):</p> <ul style="list-style-type: none"> <li>• BMV for insulin and IV meds</li> <li>• IV intake documentation</li> </ul> <p>Preparation: Refer to Edvance360 Lesson: Week 1- IV Pump (due 1/6/26)</p> <p>IV Pump Station: Guided practice; faculty observation of competence</p> <p>Preparation: Refer to Edvance360 Lesson: Week 1- IV Lab (due 1/9/26)</p> <p>Skills Lab: Guided practice; faculty observation of competence</p> <p><u>Mandatory Lab Day #1 (1/7/26 &amp; 1/8/26)-</u><br/>Preparation: refer to Edvance360 Lesson: Week 1- Mandatory Lab- NF Skills Review (1/7/26 &amp; 1/8/26)</p> <p><u>Mandatory Lab Day #2 (3/9/26 &amp; 3/10/26)-</u><br/>Practice 2 skills of the student’s choice and any skills that are currently evaluated as “NI” or “U” (sign up required)</p> <p style="text-align: center;"><b><u>Dosage Calculation Quiz #2 (if needed)</u></b><br/><b><u>1/9/26 (1230-1300)</u></b></p> |
| <p>Week 2</p> <p>Week 2</p> | <p>Upon completion of this unit, the student will be able to:</p> <p>Utilize appropriate clinical judgment in the care of patients with respiratory conditions. (1,2,3,4,5,6,7)*</p> <p>Outline the pharmacological agents used to treat respiratory related conditions. (1,2,3,5,6)*</p> | <p>UNIT I: RESPIRATORY NURSING (15 HOURS)</p> <p>A. Respiratory Pharmacology (Independent Review)</p> <ol style="list-style-type: none"> <li>1. Short and Long-acting Beta 2 Adrenergic Agonists</li> <li>2. Anticholinergics</li> <li>3. Corticosteroids</li> <li>4. Methylxanthines</li> <li>5. Leukotriene Modifiers</li> <li>6. Expectorants</li> <li>7. Antitussives</li> </ol> | <p style="text-align: center;"><b><u>Quiz #2- MSN Skills Quiz (IV Math, FSBS, Insulin, IV content)</u></b><br/><b><u>1/12/26 (0800-0830)</u></b></p> <p>Clinical assignment: care for patients with various pulmonary disorders</p> <p>Handout: Respiratory Pharmacology Topics (Independent Review)</p> <p>View Online ATI Tutorial: Pharmacology Made Easy 5.0</p> <ul style="list-style-type: none"> <li>• The Respiratory System</li> <li>• The Hematological System</li> </ul> <p>ATI Text: RN Pharmacology for Nursing 9.0</p>   |

| WEEK   | UNIT OBJECTIVES  | CONTENT   | RELATED LEARNING EXPERIENCES   |
|--------|--|---|--|
| Week 2 | <p>Describe the respiratory system's primary function of gas exchange. (1)*</p> <p>Focus on the collection of subjective data to obtain a complete respiratory assessment. (2)*</p> <p>Focus on the collection of objective data to obtain a complete respiratory assessment. (2)*</p> <p>Integrate diagnostic tests and related nursing care commonly used to evaluate respiratory conditions. (1,2,3,4,5,6)*</p> <p>Establish nursing interventions that can be utilized to support ventilation of a patient. (1,2,3,6)*</p> <p>Organize and interpret various arterial blood gas results. (1,2,6)*</p> <p>Illustrate the etiology, pathophysiology, clinical manifestations, and management of the patient with influenza. (1,2,3,4,5,6)*</p> <p>Consider social, ethnic, and cultural factors associated with vaccination status. (3,4,5,6)*</p> | <p>8. Combination Drugs<br/>9. Anticoagulants</p> <p>B. Anatomy and Physiology</p> <p>C. Subjective Data</p> <p>D. Objective Data<br/>1. Inspection<br/>2. Palpation<br/>3. Percussion<br/>4. Auscultation</p> <p>E. Diagnostic Studies</p> <p>F. Supporting Ventilation<br/>1. Breathing Exercises<br/>2. Airway Clearance Techniques<br/>3. O<sub>2</sub> Therapy</p> <p>G. Arterial Blood Gases</p> <p>H. Infections and Obstruction of Upper Airway<br/>1. Influenza<br/>a. <i>Core Measures and 34 Safe Practices for Healthcare: Immunization</i></p> | <ul style="list-style-type: none"> <li>Unit 3: Medications Affecting the Respiratory System (Ch. 16-17, pg. 127-140)</li> <li>Unit 5: Medications Affecting the Hematologic System (pg. 189-194)</li> </ul> <p>Preparation: Refer to Edvance360 Lesson- Week 2: Respiratory Independent Review (due 1/12/26)</p> <p>Lewis Ch. 27</p> <p>Lewis Ch. 27</p> <p>Lewis Ch. 27</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 18: Respiratory Diagnostic Procedures (pg. 117-122) and Ch. 20 (pg. 129-137) Respiratory management</li> </ul> <p>Lewis Ch. 28 (pg. 539-545)</p> <p>Lewis Ch. 17 (pg. 320-324)</p> <p>Handout: ABG Interpretation</p> <p>In-Class Activity: ABGs and Clinical Judgment</p> <p>In-Class Practice and Take Home ABG Assignment (due 1/14/26 or 1/15/26 at Trach lab)</p> <p>Lewis Ch. 29</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 21: Acute Respiratory Disorders (pg. 141-147)</li> </ul> <p>Handout: Influenza Vaccine Information Sheet (CDC)</p> |



| WEEK   | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES   |
|--------|---|--|--|
| Week 3 | <p>lung cancer. (1,2,3,4,5,6)*</p> <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of acute and chronic obstructive pulmonary disease. (1,2,3,4,5,6)*</p> <p>Differentiate among a closed, an open, and a tension pneumothorax in terms of signs and symptoms, treatment, and nursing management. (1,2,3,4,5,6)*</p> <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of patients with chest surgery. (1,2,3,4,5,6)*</p> | <p>N. Lung Cancer</p> <p>O. Obstructive Pulmonary Disease-Asthma</p> <p>P. Chronic Obstructive Pulmonary Disease<br/>1. <i>Social Determinants of Health</i></p> <p>Q. Chest Trauma and Thoracic Injuries<br/>1. Pneumothorax and Hemothorax</p> | <p>Lewis Ch. 30</p> <p><b><u>Dosage Calculation Quiz #3 (if needed)</u></b><br/><b><u>1/13/26 (1300-1330)</u></b></p> <p><b><u>Quiz #4- Respiratory: Content G-J</u></b><br/><b><u>1/16/26 (0800-0830)</u></b></p> <p>Lewis Ch. 31</p> <p>ATI Test: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 22: Asthma (pg. 149-152)</li> </ul> <p>Handout: Asthma Action Plan</p> <p>Visual Model: Pathophysiology of Airway</p> <p>In-Class Activity: NGN Case Study</p> <p>Lewis Ch. 31</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 23: Chronic Obstructive Pulmonary Disease (pg. 153-158)</li> </ul> <p>In-Class Activity: COPD Case Study</p> <p>In-Class Activity: Respiratory Pharmacology</p> <p>*Reminder for students to submit electronic TB Globalization presentation to Rachel by 1400 on 1/16/26</p> <p><b><u>Quiz #5- Respiratory Pharmacology</u></b><br/><b><u>1/20/26 (0800-0830)</u></b></p> <p>Lewis Ch. 30</p> <p>Lewis Ch. 28 (pg 546-550)</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 26: Pneumothorax and hemothorax (pg. 173-177), Ch. 19: Chest Tube Insertion and Monitoring (pg. 123-127)</li> </ul> |
| Week 3 | <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of clients with restrictive respiratory disorders. (1,2,3,4,5,6)*</p>   | <p>Q. Chest Trauma and Thoracic Injuries<br/>1. Pneumothorax and Hemothorax</p>  | <p>Lewis Ch. 28 (pg 546-550)</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 3, Ch. 26: Pneumothorax and hemothorax (pg. 173-177), Ch. 19: Chest Tube Insertion and Monitoring (pg. 123-127)</li> </ul>  |

| WEEK                        | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES  |
|-----------------------------|---|--|---|
|                             | <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of clients with vascular lung disorders. (1,2,3,4,5,6)*</p> <p>Explore the social, ethnic, and cultural factors associated with tuberculosis from a global perspective. (1,3,6)*</p> <p>Demonstrate the use of accomplished and exemplary clinical judgment in the prioritization and management of care with a case scenario involving multiple patients with respiratory conditions. (1,2,3,4,5,6,7)*</p> | <p>R. Chest Surgery</p> <p>S. Restrictive Respiratory Disorders</p> <ol style="list-style-type: none"> <li>1. Pleural Effusion</li> <li>2. Atelectasis</li> </ol> <p>T. Vascular Lung Disorders—Pulmonary Embolism</p>   | <p>Visual model: Chest Tube Equipment</p> <p>Lewis Ch. 28 (pg. 550-552)</p> <p>Lewis Ch. 30</p> <p>Lewis Ch. 30</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>• Unit 3, Ch. 35: Pulmonary Embolism (pg. 167-171)</li> </ul> <p>In-Class Activity: Prioritization, Delegation, and Interprofessional Care of Multiple Patients with a Respiratory Condition</p> <p style="text-align: center;"><b><u>In-Class Globalization Presentation 1/20/26</u></b></p>  |
| <p>Week 4</p> <p>Week 4</p> | <p>Upon completion of this unit, the student will be able to:</p> <p>Outline the pharmacological agents used to treat endocrine and hypersensitive related conditions. (1,2,3,4,5,6)*</p> <p>Identify the common characteristics and functions of hormones and structures of the endocrine system. (1,2)*</p> <p>Explore the significant subjective and objective</p>   | <p>UNIT II: ENDOCRINE NURSING (15.5 HOURS)</p> <p>A. Endocrine Pharmacology (Independent Review)</p> <ol style="list-style-type: none"> <li>1. Insulin</li> <li>2. Biguanide</li> <li>3. Sulfonylurea</li> <li>4. GLP-1 Receptor Agonist</li> <li>5. Glucocorticoids</li> <li>6. Angiotensin-Converting Enzyme (ACE)</li> <li>7. Angiotensin II receptor Antagonist (ARB)</li> <li>8. <math>\beta</math>-Adrenergic Blocker Cardioselective</li> <li>9. Calcium Channel Blocker</li> <li>10. Hyperglycemic</li> <li>11. Antithyroid</li> </ol> | <p>Shadow Health Respiratory Hourly Rounds: Richard Trotter (Medical-Surgical) due 1/26/26 at 0800</p> <p style="text-align: center;"><b><u>Quiz #6- Respiratory: Content K-T 1/26/26 (0800-0830)</u></b></p> <p>Clinical assignment: care for patients with various endocrine disorders</p> <p>Handout: Endocrine Pharmacology Topics (Independent Review)</p> <p>View Online ATI Tutorial: Pharmacology Made Easy 5.0</p> <ul style="list-style-type: none"> <li>• The Endocrine System</li> <li>• Cardiovascular</li> </ul> <p>Read:</p> <p>ATI RN Pharmacology for Nursing 9.0</p> <ul style="list-style-type: none"> <li>• Unit 10: Ch. 37 Diabetes Mellitus</li> <li>• Unit 10: Ch. 38 Endocrine Disorders</li> <li>• Unit 4: Ch. 19 Meds Affecting Blood Pressure (pg. 151-153, 155-156, 158-160)</li> </ul> |

| WEEK   | UNIT OBJECTIVES   | CONTENT   | RELATED LEARNING EXPERIENCES  |
|--------|---|---|---|
| Week 5 | <p>assessment data related to the endocrine system that should be obtained from a patient. (2,3,4,6,7)*</p> <p>Investigate the purpose, significance of results, and nursing responsibilities related to diagnostic studies of the endocrine system. (2,3,4,6,7)*</p> <p>Compare and contrast between type 1 and type 2 DM. (1,2)*</p> <p>Examine the collaborative care of culturally diverse population with DM. (2,3,4,6,7)*</p> <p>Demonstrate proper nutrition and exercise strategies in the management of DM. (2,3,4,6,7)8</p> <p>Demonstrate the nursing management of a patient with DM in the ambulatory and home care settings. (2,3,4,6,7)*</p> <p>Recognize the pathophysiology and clinical manifestations of acute and chronic complications of DM. (2,3,4,6,7)*</p> <p>Demonstrate the use of accomplished and/or exemplary clinical judgment in the management of care for a patient with DM. (1,2,3,4,5,6,7)*</p> <p>Differentiate between primary and secondary hypertension. (1,5)*</p> <p>Formulate goals of management for hypertension. (3,5)*</p> | <p>12. Thyroid replacement</p> <p>B. Nursing Assessment: Endocrine System (Independent Review)</p> <ol style="list-style-type: none"> <li>1. Structures and Functions of the Endocrine System</li> <li>2. Gerontologic Considerations</li> <li>3. Assessment of the Endocrine System</li> <li>4. Diagnostic Studies of the Endocrine System <ol style="list-style-type: none"> <li>a. Laboratory Studies</li> <li>b. Radiologic Studies</li> </ol> </li> </ol> <p>C. Management of Patients with Diabetes Mellitus (DM)</p> <ol style="list-style-type: none"> <li>1. Etiology and Pathophysiology</li> <li>2. Diagnostic Studies</li> <li>3. Interprofessional Care</li> <li>4. Drug Therapy</li> <li>5. Nutritional Therapy</li> <li>6. Exercise</li> <li>7. Blood Glucose Monitoring</li> <li>8. Nursing Management</li> <li>9. Acute Complications</li> <li>10. Chronic Complications</li> <li>11. Complications of the Foot and Lower Extremity</li> <li>12. Skin Complications</li> <li>13. Infection</li> <li>14. Psychologic Considerations</li> <li>15. Gerontologic Considerations</li> </ol> <p>D. Introduction to Hypertension (Independent Review)</p> <ol style="list-style-type: none"> <li>1. Normal Regulation of Blood Pressure <ol style="list-style-type: none"> <li>a. Sympathetic Nervous System</li> </ol> </li> </ol> | <p>Preparation: refer to Edvance360 Lesson- Week 4 Endocrine Independent Review (due 1/26/26)</p> <p>Lewis Ch. 52</p> <p>Lewis Ch. 53</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>• Unit 12, Ch. 83: Diabetes Management</li> <li>• Ch. 84: Complications of Diabetes</li> </ul> <p style="text-align: center;"><b><u>Quiz #7- Endocrine: Ch. 52 &amp; 53</u></b><br/><b><u>1/27/26 (0800-0830)</u></b></p> <p>Guest Lecturer:<br/>Nathan Raftery, RN, DSME<br/>Diabetic Education<br/>Firelands Regional Medical Center</p> <p>In-Class Activity: Create Healthy Meals</p> <p>Handouts:</p> <ul style="list-style-type: none"> <li>• Choose My Plate Packet</li> <li>• Sugar Shockers</li> <li>• Insulin Sliding Scale Coverage Example (given during insulin lab)</li> <li>• Hypoglycemia Protocol for Adults (given during insulin lab)</li> </ul> <p>*Reminder for students to submit electronic DM globalization presentation to Monica by 1400 on 1/30/26</p> <p>*Phase I: Submit to EBP Poster Phase I dropbox by 1/30/26 at 1200</p> <p>In-Class Activity: Diabetes Activity</p> <p>Lewis Ch. 36 (pg. 797-814)</p> <p>In-Class Activity- Hypertension Case Study</p> <p>ATI text: RN Adult Medical Surgical Nursing 12.0</p> |

| WEEK   | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES  |
|--------|---|--|---|
| Week 5 | <p>Describe the processes involved in the biology of cancer. (1)*</p> <p>Compare and contrast the differences between benign and malignant neoplasms. (1)*</p> <p>Discuss the role of the nurse in the prevention and detection of cancer. (1,2,3,4,5,6)*</p> <p>Describe the effects of each cancer treatment modality on the body. (1,2,3)*</p> <p>Describe the nursing interventions required for complications resulting from cancer. (1,2,3,5,6)*</p> <p>Discuss culturally diverse teaching needs of the client and family experiencing cancer. (5,6)*</p> <p>Examine the pathophysiology, clinical manifestations, collaborative care, and nursing management of patients with imbalance of hormones produced by the anterior pituitary gland.</p> <p>Describe the pathophysiology, clinical manifestations, collaborative care, and nursing management of the patient with an imbalance of antidiuretic hormone secretion. (2,3,4,6,7)*</p> <p>Describe the pathophysiology, clinical manifestations, collaborative care, and nursing</p> | <p>b. Vascular Endothelium<br/>c. Renal System<br/>d. Endocrine System</p> <p>2. Hypertension<br/>a. Classification of Hypertension<br/>b. Etiology<br/>c. Pathophysiology of Primary Hypertension<br/>d. Genetic Link<br/>e. Clinical Manifestations<br/>f. Complications<br/>g. Diagnostic Studies<br/>h. Interprofessional Care<br/>i. Nursing Management</p> <p>E. Cancer Characteristics<br/>1. Cancer Incidence and Trends<br/>2. Biology of Cancer<br/>3. Pathophysiology<br/>4. Benign v. Malignant Neoplasms<br/>5. Classification of Cancer<br/>6. Prevention and Detection of Cancer<br/>7. Interprofessional Care of Cancer<br/>8. Nursing Management: Chemotherapy and Radiation<br/>9. Late Effects of Radiation and Chemotherapy<br/>10. Immunotherapy and targeted Therapy<br/>11. Hormone Therapy<br/>12. Hematopoietic Stem Cell Transplantation<br/>13. Gene Therapy<br/>14. Complications of Cancer<br/>15. Coping with Cancer and Treatment<br/>16. Cancer Survivorship</p> <p>F. Nursing Management: Endocrine Problems<br/>1. Disorders of the Anterior Pituitary Gland<br/>2. Disorders of the Posterior Pituitary Gland<br/>3. Disorders of the Thyroid Gland<br/>4. Disorders of the Parathyroid<br/>5. Disorders of the Adrenal Cortex<br/>6. Disorders of the Adrenal Medulla</p> <p>G. <i>Social Determinants of Health</i></p> | <ul style="list-style-type: none"> <li>Unit 4, Ch. 37: Hypertension</li> </ul> <p style="text-align: center;"><b><u>Quiz #8- Endocrine: Ch. 53 &amp; 36</u></b><br/><b><u>2/2/26 (0800-0830)</u></b></p> <p>Clinical experiences care of the client with cancer</p> <p>Lewis Ch. 16</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 13, Ch. 90-94: Cancer-Related Disorders</li> </ul> <p style="text-align: center;"><b><u>Quiz #9- Endocrine Pharmacology</u></b><br/><b><u>2/3/26 (0800-0830)</u></b></p> <p>Lewis Ch. 54</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>Unit 12, Ch 78-82: Endocrine Disorders</li> </ul> <p>In-Class Activity: Endocrine Concept Maps</p> <p>In-Class Group Activity: Prioritization, Delegation, &amp; Interprofessional Care of Multiple Patients with Endocrine Conditions, Cancer, or HTN</p> <p style="text-align: center;"><b><u>In-Class Globalization Presentations 2/3/26</u></b></p> <p>In-Class NCLEX Practice 2/3/26 1245-1345</p> |



| WEEK   | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES   |
|--------|---|--|--|
| Week 6 | <p>system that should be obtained during a patient assessment. (2)*</p> <p>Describe the appropriate technique used in the physical assessment of the musculoskeletal system. (2)*</p> <p>Demonstrate the neurovascular assessment of an injured extremity. (2)*</p> <p>Identify specific dietary modifications along with cultural considerations prescribed for patients with muscular skeletal disorders. (1,6)*</p> <p>Correlate the diagnostic tests indicated for the person with a musculoskeletal problem, with the rationale for each test and the nursing responsibilities associated with the test. (1)*</p> <p>Analyze common etiologic factors, clinical manifestations, and collaborative management of common disorders of the musculoskeletal system. (1,2,7)*</p> <p>Use the nursing process as a framework for providing individualized care to a culturally diverse population with disorders of the musculoskeletal system. (2,3,4,6,7)*</p> <p>Differentiate among closed reduction, cast immobilization, open reduction, and traction regarding purpose,</p> | <ol style="list-style-type: none"> <li>a. Important Health Information</li> <li>b. Functional Health Patterns</li> </ol> <ol style="list-style-type: none"> <li>2. Objective Data-Physical Examination <ol style="list-style-type: none"> <li>a. Inspection</li> <li>b. Palpation</li> <li>c. Motion</li> <li>d. Muscle-Strength Testing</li> <li>e. Measurement</li> </ol> </li> <li>3. Diagnostic Studies <ol style="list-style-type: none"> <li>a. Serology Studies</li> <li>b. Radiologic</li> <li>c. Invasive Procedures</li> <li>d. Miscellaneous Studies</li> </ol> </li> </ol> <p>D. Musculoskeletal Trauma and Orthopedic Surgery</p> <ol style="list-style-type: none"> <li>1. Soft Tissue Injuries <ol style="list-style-type: none"> <li>a. Sprain and Strains</li> <li>b. Dislocations</li> <li>c. Repetitive Sprain Injury</li> <li>d. Carpal Tunnel Syndrome</li> <li>e. Rotator Cuff Injury</li> <li>f. Meniscus Injury</li> <li>g. Anterior Cruciate Ligament Injury</li> </ol> </li> <li>2. Fractures <ol style="list-style-type: none"> <li>a. Classification</li> <li>b. Manifestations</li> <li>c. Fracture Healing</li> <li>d. Interprofessional Care <ol style="list-style-type: none"> <li>1. Fracture Reduction</li> <li>2. Traction</li> <li>3. Fracture Immobilization</li> <li>4. Drug therapy <ol style="list-style-type: none"> <li>a. Core Measure-Patient Satisfaction: Pain Management</li> </ol> </li> </ol> </li> <li>5. Nutrition Therapy</li> <li>6. Nursing Management</li> </ol> </li> <li>e. Complications of Fractures <ol style="list-style-type: none"> <li>1. Infection <ol style="list-style-type: none"> <li>a. Core Measures: Surgical Care (SCIP): Prophylactic Antibiotic</li> </ol> </li> <li>2. Compartment Syndrome</li> <li>3. Venous Thromboembolism <ol style="list-style-type: none"> <li>a. Core Measure: Surgical Care (SCIP): VTE Prophylaxis Administered</li> </ol> </li> <li>4. Fat Embolism Syndrome</li> </ol> </li> </ol> | <p style="text-align: center;"><b><u>Quiz #11- Musculoskeletal: Ch 66</u></b><br/><b><u>2/10/26 (0800-0830)</u></b></p> <p>Lewis Ch. 67</p> <p>In-Class Video: Tinel’s and Phalen’s Sign, McMurry’s test, Lachman’s test</p> <p>In-Class Activity: Fracture Classification Activity</p> <ul style="list-style-type: none"> <li>• Musculoskeletal Assessment Case Study</li> <li>• Think Like a Nurse Clinical Judgment Activity</li> </ul> <p>Handout: VTE/DVT Risk Assessment</p> |

| WEEK   | UNIT OBJECTIVES  | CONTENT   | RELATED LEARNING EXPERIENCES  |
|--------|--|---|---|
|        | <p>complications, and collaborative management. (1)*</p> <p>Use the nursing process to plan and provide individualized care to patients with musculoskeletal disorders. (2,3,4,7)*</p> <p>Explain complications associated with fracture injury and the treatment regimens for those complications. (3,6,7)*</p>   | <p>f. Types of Fractures</p> <ol style="list-style-type: none"> <li>3. Amputation</li> <li>4. Types of Joint Surgeries</li> </ol> <p>E. Musculoskeletal Problems</p> <ol style="list-style-type: none"> <li>1. Osteomyelitis</li> </ol> <p>F. Back Pain</p> <ol style="list-style-type: none"> <li>1. Acute Low Back Pain</li> <li>2. Chronic Low Back Pain</li> <li>3. Intervertebral Disk Disease</li> <li>4. Neck Pain</li> </ol>  | <p>Lewis Ch. 68</p> <p style="text-align: center;"><b><u>Quiz #12- Musculoskeletal: Ch 67 &amp; 68</u></b><br/><b><u>2/16/26 (0800-0830)</u></b></p>  |
| Week 7 | <p>Differentiate between the causes and characteristic of acute and chronic osteomyelitis. (2,3,4,6)*</p> <p>Differentiate between the causes and characteristics of acute and chronic low back pain. (2,3,4,6)*</p> <p>Describe the postoperative nursing management of a client who has undergone spinal surgery. (1,2)*</p> <p>Contrast the etiology, pathophysiology, clinical manifestations, and collaborative management of individuals with osteoarthritis v. rheumatoid arthritis. (1,2,3,4,6,7)*</p> | <p>G. Metabolic Bone Disorders</p> <ol style="list-style-type: none"> <li>1. Osteoporosis</li> </ol> <p>H. Arthritis and Connective Tissue Disease</p> <ol style="list-style-type: none"> <li>1. Osteoarthritis</li> <li>2. Rheumatoid Arthritis</li> <li>3. Gout</li> <li>4. Systemic Lupus Erythematosus</li> <li>5. Fibromyalgia</li> <li>6. <i>Social Determinants of Health</i></li> </ol>   | <p>Lewis Ch. 69</p> <p>In-Class Activity: Risk Assessment for Osteoporosis</p> <p>In-Class Activity: Arthritis and Osteoporosis Case Study Relay</p> <p style="text-align: center;"><b><u>Quiz #13- Musculoskeletal Pharmacology</u></b><br/><b><u>2/17/26 (0800-0830)</u></b></p> <p>*ATI RN Fundamentals Practice Assessment 2023 Version A &amp; B due 2/13/26 by 1500 (reminder: you must obtain ≥ 80%)</p> |
| Week 7 | <p>Use the nursing process to plan and provide care to a patient having joint replacement surgery. (1,2,3,4,6,7)*</p> <p>Summarize the significant socioeconomic, racial, and ethnic disparities for individuals impacted by osteoarthritis. (6)*</p> <p>Describe the structure and</p>  | <p>I. Assessment and Management: Visual Problems</p> <ol style="list-style-type: none"> <li>1. Structures and Functions of Visual System <ol style="list-style-type: none"> <li>a. Periocular Structures</li> <li>b. External Ocular Structures</li> <li>c. Middle Ocular Structures</li> <li>d. Internal Structures</li> <li>e. Visual Pathway</li> <li>f. Gerontologic Considerations</li> </ol> </li> <li>2. Assessment of Visual System</li> <li>3. Diagnostic Studies of Visual System</li> <li>4. Visual Problems <ol style="list-style-type: none"> <li>a. Refractive Errors <ol style="list-style-type: none"> <li>1. Myopia</li> <li>2. Hyperopia</li> </ol> </li> </ol> </li> </ol> | <p>Lewis Ch. 22</p> <p>In-Class Videos: Rinne and Weber Test</p> <p>In-Class Activity: Prioritization, Delegation, and Interprofessional Care of Multiple Patients with Musculoskeletal, Vision, and Auditory Problems.</p> <p>Think Like a Nurse: Clinical Judgment Activity</p>   |

| WEEK   | UNIT OBJECTIVES   | CONTENT  | RELATED LEARNING EXPERIENCES  |
|--------|---|--|---|
| Week 7 | <p>function of the eye and ear. (1)*</p> <p>Identify age-related changes in the visual and auditory systems. (1)*</p> <p>Analyze significant subjective and objective assessment data related to the visual and auditory systems. (2)*</p> <p>Use the nursing process as a framework for providing individualized care to a culturally diverse population with sensory disorders. (1,2,3,4,5,6)*</p> <p>Illustrate interventions used in the preoperative and postoperative care of clients undergoing surgery on the eye. (1,2,5,6)*</p> <p>Analyze the common etiologic factors, clinical manifestations, and collaborative management of common disorders of the visual and auditory systems. (1,2,7)*</p> | <ol style="list-style-type: none"> <li>3. Presbyopia</li> <li>4. Astigmatism</li> <li>5. Nonsurgical Corrections</li> <li>6. Surgical Therapy</li> </ol> <ol style="list-style-type: none"> <li>5. Visual Impairment</li> <li>6. Eye Trauma</li> <li>7. Extraocular Inflammation and Infection</li> <li>8. Dry Eye Disorders</li> <li>9. Cataracts</li> <li>10. Retinal Detachment</li> <li>11. Age-Related Macular Degeneration</li> <li>12. Glaucoma</li> </ol> <p>J. Assessment and management: Auditory Problems</p> <ol style="list-style-type: none"> <li>1. Structures and unction of Auditory System <ol style="list-style-type: none"> <li>a. External Ear</li> <li>b. Middle Ear</li> <li>c. Inner Ear</li> <li>d. Hearing Sound</li> <li>e. Gerontological Considerations</li> </ol> </li> <li>2. Assessment of Auditory System <ol style="list-style-type: none"> <li>a. Subjective Data</li> <li>b. Objective Data</li> </ol> </li> <li>3. Diagnostic Studies of the Auditory System</li> <li>4. External Ear and Canal Problems</li> <li>5. Middle Ear and Mastoid Problems</li> <li>6. Inner Ear Problems <ol style="list-style-type: none"> <li>a. Meniere Disease</li> <li>b. Acoustic Neuroma</li> <li>c. Hearing Loss and Deafness</li> </ol> </li> </ol> | <p>Lewis Ch. 23</p> <p>* Phase II: Submit to EBP Poster Phase II dropbox by 2/20/26 at 1200</p> <p style="text-align: center;"><b><u>ATI RN Fundamentals 2023 Proctored Assessment</u></b><br/><b><u>2/20/26</u></b></p> <p>Shadow Health Basic Patient Case: John Larsen (Pharmacology) due 2/23/26 at 0800</p> <p style="text-align: center;"><b><u>Quiz #14- Musculoskeletal: Ch 69, 22, &amp; 23</u></b><br/><b><u>2/23/26 (0800-0830)</u></b></p> <p>In Class: ATI Focused Review 2.0 and Remediation Orientation 2/23/26 at 0845-0915</p> <p>High Fidelity Simulation Lab:</p> <ul style="list-style-type: none"> <li>• Musculoskeletal/Endocrine (3.5 Hours)</li> <li>• See schedule and scenario materials in Edvance360</li> </ul> |
| Week 8 |   |  |   |



| WEEK    | UNIT OBJECTIVES   | CONTENT   | RELATED LEARNING EXPERIENCES   |
|---------|---|---|--|
| Week 9  | <p>management of increased ICP. (1,2,3,4,5,6)*</p> <p>Discuss the etiology, pathophysiology, clinical manifestations, and nursing management of head injury. (1,2,3,4,5,6)*</p> <p>Discuss the etiology, pathophysiology, clinical manifestations, and nursing management of brain tumors. (1,2,3,4,5,6)*</p> <p>Describe the nursing management of clients undergoing cranial surgery. (1,2,3,4,5,6)*</p> <p>Discuss the etiology, pathophysiology, clinical manifestations, and nursing management of meningitis. (1,2,3,4,5,6)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of migraine headaches. (1,2,3,4,5,6)*</p> <p>Describe various medications for treatment of migraines. (1,2,3,4,5)*</p> <p>Discuss pathophysiology, clinical manifestations, and nursing management of epilepsy. (1,2,3,4,5,6)*</p> | <p>E. Diagnostic tests</p> <ol style="list-style-type: none"> <li>1. Laboratory</li> <li>2. Radiological</li> </ol> <p>F. Acute Intracranial Problems</p> <ol style="list-style-type: none"> <li>1. Intracranial Regulation</li> <li>2. Increased Intracranial Pressure</li> <li>3. Head Injury</li> <li>4. Brain Tumors</li> <li>5. Cranial Surgery</li> <li>6. Bacterial Meningitis</li> <li>7. Viral Meningitis</li> <li>8. Brain Abscess</li> <li>9. Encephalitis</li> </ol> <p>G. Chronic Neurologic Problems</p> <ol style="list-style-type: none"> <li>1. Headaches <ol style="list-style-type: none"> <li>a. Tension-Type Headache</li> <li>b. Migraine Headache</li> <li>c. Cluster Headache</li> <li>d. Other Types of Headaches</li> </ol> </li> <li>2. Chronic Neurologic Disorders</li> <li>3. Nursing Management: Seizure Disorder</li> <li>4. Restless Leg Syndrome</li> <li>5. Degenerative Neurologic Disorders <ol style="list-style-type: none"> <li>a. Multiple Sclerosis</li> <li>b. Parkinson Disease</li> <li>c. Myasthenia Gravis</li> <li>d. Amyotrophic Lateral Sclerosis</li> <li>e. Huntington Disease</li> </ol> </li> </ol> | <p>Lewis Ch. 61</p> <p>In-Class Activity: Case Study</p> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>• Unit 2, Ch. 6-12 and Ch. 15-17: Neurological Disorders</li> </ul> <p style="text-align: center;"><b><u>Quiz #15- Neurological: Ch. 60 &amp; 61</u></b><br/><b><u>3/10/26 (0800-0830)</u></b></p> <p>Lewis Ch. 63</p> <p>In-Class Activity: Pharmacology Activity</p> |
| Week 10 | <p>Discuss pharmacological agents to treat epilepsy. (1,2,3,4,5)*</p> <p>Analyze the etiology, pathophysiology, clinical</p>  | <p>H. Stroke</p> <ol style="list-style-type: none"> <li>1. Etiology</li> <li>2. Pathophysiology</li> <li>3. Risk Factors</li> </ol>   | <p>Lewis Ch. 62</p> <p>In-Class Group Activity: Evolving Case Study; Prioritization, Interprofessional care, and Delegation</p>  |

| WEEK    | UNIT OBJECTIVES  | CONTENT   | RELATED LEARNING EXPERIENCES   |
|---------|--|---|--|
| Week 11 | <p>manifestations, and nursing management of stroke with consideration for diverse populations. (1,2,3,4,5,6)*</p> <p>Discuss pharmacological agents in treatment of stroke. (1,2,3,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of cerebral aneurysm. (1,2,3,4,5,6)*</p> <p>Compare and contrast ischemic v. hemorrhagic stroke. (1,2,3,4,5,6)*</p> <p>Analyze the etiology, pathophysiology, clinical manifestations, and nursing management of various chronic neurological problems (MS, Parkinson's disease, Alzheimer's disease). (1,2,3,4,5,6)*</p> <p>Describe the pharmacological management of Parkinson's disease and MS. (1,2,3,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of Alzheimer's disease, dementia, and delirium. (1,2,3,4,5,6)*</p> <p>Describe the pharmacological management of Alzheimer's disease, dementia, and delirium. (1,2,3,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical</p> | <ol style="list-style-type: none"> <li>4. Types of Stroke</li> <li>5. Clinical Manifestations</li> <li>6. Diagnostic Studies</li> <li>7. Interprofessional Care</li> <li>8. Nursing Management</li> <li>9. <i>Core Measures</i> for Stroke <ol style="list-style-type: none"> <li>a. Dysphagia Screening</li> <li>b. Smoking Cessation</li> <li>c. Diabetes Control</li> <li>d. Cholesterol Control</li> <li>e. DVT Prevention (Value-Based Purchasing)</li> <li>f. Anticoagulation Measures</li> </ol> </li> <li>10. <i>Social Determinants of Health</i></li> </ol> <p>I. Alzheimer's Disease, Dementia, and Delirium</p> <ol style="list-style-type: none"> <li>1. Etiology</li> <li>2. Pathophysiology</li> <li>3. Clinical Manifestations</li> <li>4. Diagnostic Studies</li> <li>5. Interprofessional Care</li> <li>6. Nursing Management</li> <li>7. Safety Measures (CMS)</li> </ol> <p>J. Spinal Cord and Peripheral Nerve Problems</p> <ol style="list-style-type: none"> <li>1. Spinal Cord Injuries <ol style="list-style-type: none"> <li>a. Autonomic Dysreflexia</li> </ol> </li> <li>2. Spinal Cord Tumors</li> <li>3. Trigeminal Neuralgia</li> <li>4. Bell's Palsy</li> <li>5. Guillain-Barre Syndrome</li> </ol> | <p>*Phase III: Submit to EBP Poster Phase III dropbox by 3/13/26 at 1200</p> <p style="text-align: center;"><b><u>Quiz #16- Neurological: Ch. 62 and 63</u></b><br/><b><u>3/17/26 (0800-0830)</u></b></p> <p>Lewis Ch. 64</p> <p>In-Class Activity: Dementia Activity</p> <p>In-Class NCLEX Practice: 3/17/26 at 1300-1400</p> <p>*Reminder for students to submit electronic Stroke globalization presentation to Heather by 1400 on 3/19/26</p> <p style="text-align: center;"><b><u>Quiz #17- Neurological Pharmacology</u></b><br/><b><u>3/23/26 (0800-0830)</u></b></p> <p>Lewis Ch. 65</p> <p style="text-align: center;"><b><u>In-Class Globalization Presentations 3/23/26</u></b></p> |



| WEEK    | UNIT OBJECTIVES  | CONTENT   | RELATED LEARNING EXPERIENCES  |
|---------|--|---|---|
| Week 12 | <p>of nausea and vomiting. (2,3,7)*</p> <p>Explain the types, pathophysiology, clinical manifestations, complications, and collaborative care of GERD and hiatal hernia. (2,3,7)*</p> <p>Differentiate between gastric and duodenal ulcers. (2,3,4,6,7)*</p> <p>Assess priority patient data related to upper GI bleeding. (1,2,3,6)*</p> <p>Explain the common etiologies, collaborative care, and nursing management of diarrhea and constipation. (2,3,4,6,7)*</p> <p>Differentiate between diverticulitis and diverticulosis. (2,3,4,6,7)*</p> | <ol style="list-style-type: none"> <li>2. Esophageal Problems               <ol style="list-style-type: none"> <li>a. Gastroesophageal Reflux Disease (GERD)</li> <li>b. Hiatal Hernia</li> <li>c. Esophageal Cancer</li> <li>d. Other Esophageal Disorders                   <ol style="list-style-type: none"> <li>1. Diverticula</li> <li>2. Strictures</li> </ol> </li> </ol> </li> <li>3. Stomach and Upper Small Intestine Problems               <ol style="list-style-type: none"> <li>a. Gastritis</li> <li>b. Peptic Ulcer Disease (PUD)</li> <li>c. Upper Gastrointestinal Bleeding</li> </ol> </li> </ol> <p>D. Nursing Management: Lower GI Problems</p> <ol style="list-style-type: none"> <li>1. Irritable Bowel Syndrome (IBS)               <ol style="list-style-type: none"> <li>a. Diarrhea</li> <li>b. Constipation</li> </ol> </li> <li>2. Inflammatory Disorders               <ol style="list-style-type: none"> <li>a. Appendicitis</li> <li>b. Peritonitis                   <ol style="list-style-type: none"> <li>1. Core Measures: Sepsis</li> </ol> </li> <li>c. Diverticulitis/Diverticulosis</li> </ol> </li> <li>3. Inflammatory Bowel Disease               <ol style="list-style-type: none"> <li>a. Ulcerative Colitis</li> <li>b. Crohn's Disease</li> </ol> </li> <li>4. Bowel Obstruction</li> <li>5. Colorectal Cancer               <ol style="list-style-type: none"> <li>a. Polyps</li> <li>b. 34 Safe Practices for Better Healthcare: Surgical Site Infection Prevention</li> </ol> </li> <li>6. Ostomy Surgery</li> </ol> <p>E. Liver, Pancreas, and Biliary Tract Problems</p> <ol style="list-style-type: none"> <li>1. Disorders of the Liver               <ol style="list-style-type: none"> <li>a. Hepatitis</li> <li>b. Non-alcoholic fatty liver disease</li> <li>c. Cirrhosis</li> <li>d. Varices</li> </ol> </li> </ol> | <p>Lewis Ch. 46</p> <p>In-Class Video: Dystonia and Tardive Dyskinesia</p> <p>In-Class Activity: GERD/Esophageal Cancer Case Study</p> <p>In-Class Activity: Peptic Ulcer Disease NGN Case Study</p> <p>*ATI RN Fundamentals Focused Review and Remediation Binder Due 3/30/26 by 0800</p> <p><b><u>Quiz #19- Gastrointestinal: Independent Review Ch. 43 &amp; Ch. 46 (Lecture Content from 3/24/26) 3/30/26 (0800-0830)</u></b></p> <p>Lewis Ch. 47</p> <p>In-Class Activity: Lower GI NCLEX Activity</p> <p>In-Class NGN Case Study: Ulcerative Colitis/Crohn's Disease</p> <p><b><u>Quiz #20- Gastrointestinal: Ch 46 (Lecture content from 3/30/26) &amp; Ch. 47 4/6/26 (0800-0830)</u></b></p> <p>Lewis Ch. 48</p> <p>In-Class Video: Portal Hypertension/What Alcohol Can Do to Your Liver</p> |
| Week 12 | <p>Compare and contrast ulcerative colitis and Crohn's disease, including pathophysiology, clinical manifestations, complications, collaborative care, and nursing management. (2,3,4,6,7)*</p>  |   |   |
| Week 13 | <p>Summarize the types, clinical manifestations, collaborative care, and nursing management related to intestinal obstructions. (1,2,5,6,7)*</p> <p>Describe the clinical manifestations and collaborative management of colorectal cancer. (2,3,4,6,7)*</p>   |   |   |

| WEEK    | UNIT OBJECTIVES   | CONTENT   | RELATED LEARNING EXPERIENCES  |
|---------|---|---|---|
| Week 13 | <p>Describe the pathophysiology of commonly occurring disorders of the liver. (1)*</p> <p>Analyze laboratory and diagnostic tests used to diagnosed disorders of the liver. (1,2,5,7)*</p> <p>Explain the rationale for selected nursing interventions related to care of clients with hepatic disorders. (1,2,3,4,5,6,7)*</p> <p>Analyze the pathophysiology, clinical manifestations, complications, and collaborative care, including surgical therapy of gallbladder disorders. (2,3,4,6,7)*</p> <p>Demonstrate the use of clinical judgment in the prioritization and management of care with a case scenario involving multiple patients with GI conditions. (1,2,3,4,5,6,7)*</p> | <p>e. Liver Cancer<br/>f. Liver transplantation</p> <p>2. Disorders of the Pancreas<br/>a. Acute Pancreatitis/Chronic Pancreatitis<br/>b. Pancreatic Cancer<br/>    1. <i>National Patient Safety Goal (NPSG): Prevent Mistakes in Surgery</i></p> <p>3. Disorders of the Biliary Tract<br/>a. Cholelithiasis and Cholecystitis</p> | <p>In-Class Activity: Complications of Cirrhosis</p> <p>In-Class Activity: GI Pharmacology Activity</p> <p style="text-align: center;"><b><u>Quiz #21- Gastrointestinal Pharmacology</u></b><br/><b><u>4/7/26 (0800-0830)</u></b></p> <p>In-Class Group Activity: Prioritization, Interprofessional Care, and Delegation of Multiple Patients with GI Conditions</p> <p>*Phase IV EBP Poster Presentation Review Day 4/7/26 at 1200-1330</p> <p>High Fidelity Simulation Lab:</p> <ul style="list-style-type: none"> <li>• Respiratory/Gastrointestinal (3.5 Hours)</li> <li>• See schedule and scenario materials in Edvance360 Resources</li> </ul> <p>Simulation Prebrief due by 0800 on assigned day of simulation to appropriate dropbox. (see schedule)</p> <p>Simulation Report Sheet due on 4/8/26 or 4/9/26 at beginning of simulation session. This is to be hand written. (see schedule)</p> <p>Simulation #1 Reflection Journal and Survey due 4/11/26 by 2200.</p> |
| Week 14 |   |   | Shadow Health Intermediate Patient Case: Tina Jones (Pharmacology) due 4/13/26 at 0800  |

| WEEK    | UNIT OBJECTIVES  | CONTENT  | RELATED LEARNING EXPERIENCES   |
|---------|--|--|--|
| Week 14 | <p>Upon completion of this unit, the student will be able to:</p> <p>Outline the pharmacological agents used to treat genitourinary and male reproductive related conditions. (1,2,3,5,6)*</p> <p>Describe the structures and functions within the urinary system. (1)*</p> <p>Identify age0related changes in the urinary system. (1)*</p> <p>Analyze significant subjective and objective assessment data related to the urinary system. (2)*</p> <p>Describe the pathophysiology of commonly occurring disorders of the urinary tract. (1)*</p> <p>Correlate the diagnostic tests for the person with a disorder of the urinary tract with the rationale for each test and the nursing responsibilities associated with the test. (1,2)*</p> <p>Analyze the common etiologic factors, clinical manifestations, and collaborative management of common disorders of the urinary tract. (1,2,7)*</p> <p>Use the nursing process as a framework for providing individualized care to a culturally diverse population</p> | <p>UNIT VI: URINARY AND RENAL NURSING (14 HOURS)</p> <p>A. Urinary and Renal Pharmacology (Independent Review)</p> <ol style="list-style-type: none"> <li>1. PDE- 5 Inhibitor</li> <li>2. 5-Alpha Reductase Inhibitor</li> <li>3. Alpha-Adrenergic Receptor Antagonist</li> <li>4. Anticholinergic</li> <li>5. Loop Diuretic</li> <li>6. Thiazide Diuretic</li> <li>7. Potassium-Sparing Diuretic</li> <li>8. Erythropoietic Growth Factor</li> <li>9. Phosphate Binder</li> <li>10. Hypokalemic Electrolyte Modifier</li> <li>11. Nonopioid Urinary Tract Analgesic</li> <li>12. Antihyperuricemic/Antigout Agent</li> </ol> <p>B. Nursing Assessment: Urinary System</p> <ol style="list-style-type: none"> <li>1. Structures and Functions of the Urinary System</li> <li>2. Assessment of the Urinary System <ol style="list-style-type: none"> <li>a. Gerontologic Considerations: Effects of Aging on the Urinary System</li> </ol> </li> <li>3. Diagnostic Studies of the Urinary System <ol style="list-style-type: none"> <li>a. Urine Studies <ol style="list-style-type: none"> <li>1. <i>34 Safe Practices for Healthcare: Labeling Specimen, Contrast Media, and Kidney Injury</i></li> </ol> </li> <li>b. Blood Studies</li> <li>c. Radiologic Studies</li> </ol> </li> </ol> <p>C. Renal and Urologic Problems</p> <ol style="list-style-type: none"> <li>1. Infectious and Inflammatory Urinary Problems <ol style="list-style-type: none"> <li>a. Urinary Tract Infections</li> <li>b. Acute Pyelonephritis</li> <li>c. Interstitial Cystitis/Painful Bladder Syndrome</li> </ol> </li> <li>2. Immunologic Kidney Problems <ol style="list-style-type: none"> <li>a. Glomerulonephritis</li> <li>b. Nephrotic Syndrome</li> </ol> </li> <li>3. Obstructive Uropathies <ol style="list-style-type: none"> <li>a. Urinary Tract Calculi</li> <li>b. Strictures</li> </ol> </li> <li>4. Renal Vascular Problems <ol style="list-style-type: none"> <li>a. Nephrosclerosis</li> </ol> </li> </ol> | <p style="text-align: center;"><b><u>Quiz #22- Gastrointestinal: Ch. 48</u></b><br/><b><u>4/13/26 0800-0830</u></b></p> <p>Clinical Assignment: Care for patients with various urinary, renal, and ale reproductive disorders.</p> <p>Handout: Urinary/Renal/Male Reproductive Pharmacology Topics (Independent Review)</p> <p>View Online ATI Pharmacology Made Easy 5.0</p> <ul style="list-style-type: none"> <li>• Genitourinary System</li> <li>• Male Reproductive System</li> </ul> <p>ATI Text: RN Pharmacology for Nursing 9.0</p> <ul style="list-style-type: none"> <li>• Unit 7, Ch. 29: Medications Affecting the Reproductive Tract</li> </ul> <p>ATI Text: RN Adult Medical Surgical Nursing 12.0</p> <ul style="list-style-type: none"> <li>• Unit 8, Ch. 58-63: Renal Disorders</li> </ul> <p>Preparation: Refer to Edvance360 Lesson- Week 14: Renal Independent Review (due 4/13/26)</p> <p>Lewis Ch. 49</p> <p>Lewis Ch. 50</p> <p>In-Class Activity: Glomerulonephritis Care Map</p> <p style="text-align: center;"><b><u>Quiz #23- Renal/Urinary: Ch 49 and 50</u></b><br/><b><u>4/14/26 (0800-0830)</u></b></p> |

| WEEK    | UNIT OBJECTIVES  | CONTENT  | RELATED LEARNING EXPERIENCES   |
|---------|--|--|--|
| Week 15 | <p>with disorders of the urinary tract. (2,3,4,6,7)*</p> <p>Use the nursing process to plan and provide individualized care to patients with renal disorders. (2,3,4,7)*</p> <p>Summarize the significant socioeconomic, racial, ethnic, and environmental disparities for individuals impacted by chronic kidney disease (CKD). (6)*</p> <p>Evaluate the nursing implications for a patient undergoing dialysis. (2,3,7)*</p> <p>Examine the pathophysiology of tissue transplant rejection. (1)*</p> | <ul style="list-style-type: none"> <li>b. Renal Artery Stenosis</li> <li>c. Renal Vein Thrombosis</li> <li>5. Hereditary Kidney Diseases               <ul style="list-style-type: none"> <li>a. Polycystic Kidney Disease</li> </ul> </li> <li>6. Urinary Tract Tumors               <ul style="list-style-type: none"> <li>a. Bladder Cancer</li> </ul> </li> <li>7. Urinary Tract Surgery               <ul style="list-style-type: none"> <li>a. Nephrectomy</li> <li>b. Urinary Diversion</li> </ul> </li> <li>D. Acute Kidney Injury and Chronic Kidney Disease               <ul style="list-style-type: none"> <li>1. Acute Kidney Injury</li> <li>2. Chronic Kidney Disease                   <ul style="list-style-type: none"> <li>a. Gerontological Considerations</li> <li>b. <i>Social Determinants of Health</i></li> </ul> </li> <li>3. Dialysis                   <ul style="list-style-type: none"> <li>a. Hemodialysis</li> <li>b. Peritoneal Dialysis</li> <li>c. Continuous Renal Replacement Therapy (CRRT)</li> </ul> </li> <li>4. Kidney Transplant</li> </ul> </li> </ul> | <p>*Phase V: EBP Poster Presentation at School of Nursing Room H 1000-1200 on 4/16/26</p> <p>Lewis Ch. 51</p> <p>In-Class Activity: Pharmacology Activity</p> <p>In-Class Activity: Prioritization, Delegation, and Interprofessional Care of a Renal Patient.</p> <p style="text-align: center;"><b><u>Quiz #24- Urinary/Renal/Male Reproductive Pharmacology</u></b><br/><b><u>4/21/26 (0800-0830)</u></b></p> <p>In-Class NCLEX Practice 4/21/26 at 1215-1315</p> |
| Week 15 | <p>Explain the pathophysiology, clinical manifestations, and collaborative care of benign prostatic hypertrophy (BPH). (1,2,3)*</p> <p>Demonstrate the correct technique for performance of testicular self-examination. (4)*</p> <p>Identify teaching strategies that promote the monthly practice of testicular self-examination. (1,5)*</p> <p>Discuss teaching needs of the</p>  | <ul style="list-style-type: none"> <li>E. Male Reproductive Problems               <ul style="list-style-type: none"> <li>1. Benign Prostatic Hyperplasia (BPH)</li> <li>2. Prostate Cancer</li> <li>3. Prostatitis</li> <li>4. Testicular Cancer</li> <li>5. Erectile Dysfunction</li> </ul> </li> </ul>  | <p>Lewis Ch. 59</p> <p>In-Class Activity: CBI Demo</p> <p>In-Class Activity: Location and identification of lumps on testicle model; prostate model</p> <p>Shadow Health Renal Hourly Rounds: Arturo Perez (Medical Surgical) due 4/23/26 at 0800</p> <p style="text-align: center;"><b><u>Quiz #25- Renal/Male Reproductive: Ch. 51 &amp; 59</u></b><br/><b><u>4/23/26 0800-0830</u></b></p>  |

| WEEK    | UNIT OBJECTIVES                | CONTENT  | RELATED LEARNING EXPERIENCES  |
|---------|--------------------------------|--|---|
| Week 16 | patient with impotence. (2,4)* | <b><u>Comprehensive Final Exam</u></b><br><b><u>(2 hours)</u></b><br><b><u>4/30/26 0800-1000</u></b> | ATI Practice Assessments:<br>Targeted Med-Surg 2023 due 4/27/26 at 1500 <ul style="list-style-type: none"> <li>• Respiratory</li> <li>• Endocrine</li> <li>• Neurosensory/Musculoskeletal</li> <li>• Gastrointestinal</li> <li>• Renal/Urinary</li> </ul> |

12/22/25