HERZING UNIVERSITY

Course Syllabus

Course Title: Medical Surgical Nursing **Course Code**: NSG523

Credit hours: 4

Lecture and Discussion (15 contact hours per credit) 60 Contact Hours

Course Description:

This course is designed to develop application of the nursing process in the care of acute and chronically ill patients. The role of the medical-surgical nurse is examined across roles, including the role of coordinator of care transitions. Interprofessional collaboration is emphasized to enhance safe, quality nursing care in a variety of clinical settings. Course content and clinical experiences integrate the concepts of caring, collaboration, communication, cultural sensitivity, community, and clinical judgment to facilitate the wellbeing of individuals and to prepare the student as a provider of care. In the clinical setting, students will care for patients with select medical and/or surgical problems in various settings, state knowledge of pathophysiology and psychosocial dynamics, apply the nursing process, utilize information technology, interact with other health care professionals, and practice clinical decision making and critical inquiry while caring for culturally diverse, ill adults.

Program: MSN Nursing

Program Outcomes:

Upon completion of their program, the student should be able to:

1. Prioritize patient-centered care using clinical judgment and the nursing process. (Knowledge for Nursing Practice, Person-Centered Care)
2. Collaborate with patients, families and team members to provide safe and culturally competent care. (Population Health, Quality and Safety)
3. Integrate evidence-based practice within diverse clinical settings to deliver optimal care. (Scholarship, Systems-Based Practice)
4. Minimize risk of harm to patients and providers through both systems effectiveness and individual performance. (Quality and Safety)
5. Use informational technology to communicate, mitigate error, support decision making, and manage patient care. (Informatics and Healthcare Technologies)
6. Evaluate quality improvement processes to enhance patient outcomes. (Quality and Safety)
7. Integrate professionalism and advanced leadership skills within the interdisciplinary healthcare environment. (Interprofessional Partnerships, Professionalism, Personal, Professional, and Leadership Development)
8. Analyze national and global policies, legislative concepts, and economics to address population outcomes. (Professionalism)

Course Learning Objectives:

Upon completion of this course, the student will be able to:

1. Implement critical thinking in the management of care of medical/surgical patients
2. Integrate scientific evidence from nursing and biopsychosocial disciplines, and safety and quality improvement when implementing care for patients with acute and chronic illness.
3. Educate patients with physiologic and psychosocial health needs within the context of health promotion and maintenance.
4. Integrate professionalism and collaboration to promote the well-being of the adult patient and/or family.
5. Prioritize patient-centered care using clinical judgment and the nursing process.

Topics & Learning Activities

Unit	Topics & Activities	Points Possible
1 Introduction to the Acute Care Setting	**Topics:** Introduction to the Acute Care Setting: • Medical Surgical Nursing **Reading**: • Chapter 1, Professional Nursing **Assignments:** • Sherpath Lesson: Professional Nursing Practice and Its Influences • Sherpath Lesson: Patient-Centered Care and Interprofessional Partnerships • Sherpath Lesson: Safety, Quality Improvement, Informatics, and Evidence-Based Practice • Unit 1 Discussion **Quizzes:** • Unit 1 Quiz: Professional Nursing	10 pt/each 5 pt 20 pt/each

2 Nursing Management of Fluid, Electrolytes, Acid-Base Balance	**Topics:** Nursing Management of Fluid, Electrolytes, & Acid-Base Balance: • Hypovolemia & Hypervolemia • IV Fluids • Introduction to Acid-Base Balance **Reading**: • Chapter 17, Fluid, Electrolyte, and Acid-Base Imbalances **Assignments:** • Sherpath Lesson: Homeostasis • Sherpath Lesson: Fluid Volume and Electrolyte Imbalances • Sherpath Lesson: Acid-Base Imbalances and Fluid and Electrolyte Replacement **Quizzes:** • Unit 2 Quiz: Acid-Base Imbalances, Electrolyte Balance and Imbalance, Fluid Balance and Imbalance	10 pt/each 20 pt/each
3 Perioperative Nursing Care	**Topics:** Perioperative Nursing Care: • Pre-Operative Care • Intraoperative Care • Post-Operative Care **Reading**: • Chapter 18, Preoperative Care • Chapter 19, Intraoperative Care • Chapter 20, Postoperative Care **Assignments:** • Sherpath Lesson: Nursing Management: Preoperative Patient • Sherpath Lesson: Nursing Management: Patient Before, During, and After Surgery • Sherpath Lesson: Postoperative Care of Surgical Patient and Postsurgical Respiratory, Cardiovascular, Neurologic, and Psychological Problems, Plus Pain **Quizzes:** • Unit 3 Quiz: Preoperative Care	10 pt/each 20 pt/each

4 Nursing Care of Patients with Disorders of the Respiratory System	**Topics:** Nursing Care of Patients with Disorders of the Respiratory System: • Pneumonia • Chronic Obstructive Pulmonary Disease • Asthma • Tuberculosis **Reading**: • Chapter 30, Lower Respiratory Problems • Chapter 31, Obstructive Pulmonary Diseases **Assignments:** • Sherpath Lesson: Lower Respiratory Tract Infections • Sherpath Lesson: Chronic Obstructive Pulmonary Disease (COPD) and COPD Care • Sherpath Lesson: Asthma and Asthma Care • HESI Exam 1 ProctorU Assignment **Quizzes:** • Unit 4 Quiz: Respiratory Problems NGN • Unit 4 Quiz: Lower Respiratory Tract Infections	10 pt/each C/I 20 pt/each
5 Nursing Care of Patients with Disorders of the Gastrointestinal System- Part I	**Topics:** Nursing Care of Patients with Disorders of the Gastrointestinal System- Part I**:** • Crohn's Disease and Ulcerative Colitis • Gastroesophageal Reflux Disease • Obesity • Diseases of Motility **Reading**: • Chapter 47, Lower Gastrointestinal Problems • Chapter 46, Upper Gastrointestinal Problems • Chapter 45, Obesity **Assignments:** • Sherpath Lesson: Irritable Bowel Syndrome, Appendicitis, Peritonitis, Gastroenteritis, Inflammatory Bowel Disease, and Bowel Obstruction • Sherpath Lesson: Diarrhea, Fecal Incontinence, Constipation, Acute Abdominal Pain, and Abdominal Trauma • Sherpath Lesson: Esophageal Disorders **Quizzes:** • Unit 5 Quiz: Gastrointestinal NGN	10 pt/each 20 pt/each

	• Unit 5 Quiz: Upper Gastrointestinal Problems, Lower Gastrointestinal Problems	
6 Nursing care of Patients with Disorders of the Gastrointestinal System- Part II	**Topics:** Nursing Care of Patients with Disorders of the Gastrointestinal System- Part II: • Small and Large Bowel Obstruction • Enteral and Parenteral Nutrition • Gall Bladder Disease • Peptic Ulcer Disease • Appendicitis • Peritonitis & Diverticular Disease **Reading**: • Chapter 47, Lower Gastrointestinal Problems • Chapter 44, Nutrition Problems • Chapter 48, Liver, Biliary Tract, and Pancreas Problems • Chapter 46, Upper Gastrointestinal Problems **Assignments:** • Sherpath Lesson: Irritable Bowel Syndrome, Appendicitis, Peritonitis, Gastroenteritis, Inflammatory Bowel Disease, and Bowel Obstruction • Sherpath Lesson: Biliary Tract Disorders • Sherpath Lesson: Peptic Ulcer Disease and Stomach Cancer **Quizzes:** • Unit 6 Quiz: Lower Gastrointestinal Problems, Liver, Biliary Tract, and Pancreas Problems **Assessment:** • HESI Exam 1	10 pt/each 20 pt/each 100
7 **N**ursing Care of Patients with Disorders of the Cardiovascular & Hematological Systems	**Topics:** Nursing Care of Patients with Disorders of the Cardiovascular & Hematological System: • Hypertension • Heart Failure • Anemias • Thrombocytopenia & Platelet Defects • Peripheral Vascular Occlusion Disease **Reading**: • Chapter 36, Hypertension • Chapter 38, Heart Failure	

	• Chapter 34, Hematologic Problems • Chapter 41, Vascular Disorders **Assignments:** • Sherpath Lesson: Blood Pressure and Hypertension • Sherpath Lesson: Primary Hypertension and Hypertensive Crisis Care • Sherpath Lesson: Nursing Management of Heart Failure and Heart Transplantation • Sherpath Lesson: Hematologic Problems Related to Red Blood Cells: Part 1 • Sherpath Lesson: Hematologic Problems Related to Coagulation • Sherpath Lesson: Acute and Chronic Venous Disorders • HESI Personalized Learning Plans **Quizzes:** • Unit 7 Quiz: Anemia/Other Red Blood Cell Disorders, Disseminated Intravascular Coagulation, Neutropenia, & Myelodysplastic Syndrome, Hypertension, Heart Failure • Unit 7 Quiz: Cardio NGN • Unit 7 Quiz: Hematologic NGN	10 pt/each 100 20 pt/each
8 Nursing Care of Patients with Disorders of the Genitourinary & Renal Systems	**Topics:** Nursing Care of Patients with Disorders of the Genitourinary & Renal Systems • Benign Prostatic Hyperplasia • Erectile Dysfunction • Urinary Incontinence • Infections and Sepsis of the Urinary Tract • Renal Calculi **Reading**: • Chapter 59, Male Reproductive Problems • Chapter 50, Renal and Urologic Problems **Assignments:** • Sherpath Lesson: Problems of the Prostate Gland • Sherpath Lesson: Renal Vascular Problems, Hereditary Kidney Diseases, Urinary Tract Tumors, and Bladder Dysfunction • Sherpath Lesson: Infectious and Inflammatory Disorders of Urinary System	10 pt/each

	Quizzes: • Unit 8 Quiz: Male Reproductive Problems	20 pt/each
9 Nursing Care of Patients with Disorders of the Neurological System	**Topics:** Nursing Care of Patients with Disorders of the Neurological System • Dementia and Alzheimer's Disease • Parkinson's Disease • Headache **Reading**: • Chapter 64, Dementia and Delirium • Chapter 63, Chronic Neurologic Problems **Assignments:** • Sherpath Lesson: Interprofessional Care and Nursing Management: Alzheimer Disease • Sherpath Lesson: Multiple Sclerosis and Parkinson Disease • Sherpath Lesson: Headaches • HESI Exam 1 ProctorU Assignment **Quizzes:** • Unit 9 Quiz: Headaches, Dementia, and Delirium	10 pt/each C/I 20 pt/each
10 Nursing Care of Patients with Sensory & Seizure Disorders	**Topics:** Nursing Care of Patients with Sensory & Seizure Disorders • Seizures • Epilepsies **Reading**: • Chapter 63, Chronic Neurologic Problems • Chapter 22, Assessment and Management: Visual Problems **Assignments:** • Sherpath Lesson: Chronic Neurologic Disorders • Sherpath Lesson: Intraocular Disorders **Quizzes:** • Unit 10 Quiz: Assessment and Management, Visual Problems	10 pt/each 20 pt/each
11 Nursing Care of Patients with Disorders of the Endocrine System	**Topics:** Nursing Care of Patients with Disorders of the Thyroid Gland • Hypothyroidism • Hyperthyroidism **Reading**: • Chapter 54, Endocrine Problems	

	Assignments: • Sherpath Lesson: Thyroid Gland Problems **Quizzes:** • Unit 11 Quiz: Endocrine Problems **Assessment:** • HESI Exam 2	 10 pt/each 20 pt/each 100
12 Nursing Care of Patients with Disorders of the Endocrine System	**Topics:** Nursing Care of Patients with Disorders of the Endocrine System • Diabetes • Diabetes Management • Pharmacological Management of Diabetes **Reading**: • Chapter 53, Diabetes **Assignments:** • Sherpath Lesson: Diabetes and Drug Therapies • Sherpath Lesson: Other Diabetes Therapies and Nursing Management • Sherpath Lesson: Complications of Diabetes • HESI Personalized Learning Plans **Quizzes:** • Unit 12 Quiz: Diabetes • Unit 12 Quiz: Endocrine NGN	 10 pt/each 100 20 pt/each
Unit 13 Nursing Care of Patients with Disorders of the Immune System	**Topics:** Nursing Care of Patients with Disorders of the Immune System • Rheumatoid Arthritis (RA) • Systemic Lupus Erythematosus (SLE) **Reading**: • Chapter 69, Arthritis and Connective Tissue Diseases **Assignments:** • Sherpath Lesson: Osteoarthritis and Rheumatoid Arthritis • Sherpath Lesson: Systemic Lupus Erythematosus and Scleroderma • HESI Exam 1 ProctorU Assignment **Quizzes:** • Unit 13 Quiz: Arthritis and Connective Tissue Diseases	 10 pt/each C/I 20 pt/each

14 Nursing Care of Patients with Disorders of the Musculoskeletal System	**Topics:** Nursing Care of Patients with Disorders of the Musculoskeletal System • Osteoporosis • Osteoarthritis • Gout **Reading**: • Chapter 68, Musculoskeletal Problems • Chapter 69, Arthritis and Connective Tissue Diseases **Assignments:** • Sherpath Lesson: Metabolic Bone Diseases • Sherpath Lesson: Osteoarthritis and Rheumatoid Arthritis • Sherpath Lesson: Gout, Lyme Disease, Septic Arthritis, and Spondyloarthropathies **Quizzes:** • Unit 14 Quiz: Musculoskeletal Problems, Arthritis and Connective Tissue Diseases	10 pt/each 20 pt/each
15 Final Exam	**Assessment:** • HESI Final Exam	100 pt
16 Final Reflection	**Topics**: Final Course Reflection **Discussions**: • Final reflection on objectives	5 pt

Graduate Grade Scale

A	90.00-100%
B	80.00-89.99%
F	0.00-79.99%

Grade Summary

Grade Summary	Weight	Method of Scoring
Assignments (Sherpath Lessons, Discussions)	5%	Points
Remediation/Personalized Learning Plans	5%	Points
Quizzes (Sherpath EAQ Quizzes)	10%	Points
HESI Unit Exams	40%	Points
Final Exam	40%	Points
Total	**100%**	

HESI Conversion Chart

HESI Score	Percentage
>=1100	100
1050-1099	95
1000-1049	90
950-999	85
900-949	82
875-899	80
850-874	78
800-849	75
750-799	71
700-749	67
600-699	59
500-599	50
400-499	41
<400	32

POLICIES

*University policies, such as attendance philosophy, notification of absences, extenuating circumstances, accommodation requests, academic dishonesty, late policy, grading and grading symbols, and student conduct are included in the University catalog. Students should reference the catalog for the complete listing of policies.

**Note: In some cases, program and/or course specific information may be appended to the syllabus as an addendum. In these instances, students must consider the syllabus to be inclusive of any appended information, and as such, students must adhere to all course requirements as described in the document in its entirety.*

Proctoring Policy for Remote Testing

Examinations in the nursing program are proctored. The following applies to exams that are taken remotely or on-campus that are proctored exclusively via third-party proctoring services. Herzing University is committed to protecting each student's privacy while also maintaining the integrity of assessments used to determine student achievement of learning objectives. As part of its efforts to do so, Herzing uses third-party proctoring services with software that allows for recorded or live proctoring of exams, to maintain the integrity of the exams administered by the University.

The automated and live proctoring solutions monitor test takers via a webcam, microphone, browser, and device to uphold the integrity of the assessment. This process includes compliance with testing guidelines including securing the testing environment, monitoring test taker behavior, prohibiting speaking aloud, dropped internet connections, and other activities that may indicate irregular or unapproved testing activities. When the process includes a live proctor, irregular testing activities may result in the proctor ending the testing session early. An institution-approved representative will determine if any further action is warranted based on University policy.

Any student accessing an exam without the use of the required proctoring service will receive a zero on the

exam.

THIRD-PARTY TESTING

Assessment and remediation are critical components of nursing education. Students in the nursing program may be required to take third-party, standardized exams in an electronic format throughout the curriculum. These standardized tests are valid and reliable predictors of success on the NCLEX examination and provide valuable feedback concerning student strengths and weaknesses. Student learning outcome data identifies content areas that require remediation, allowing faculty to personalize student support and intervention. Courses that utilize third-party exams will incorporate the points earned on the test as a percentage of the final grade earned for the course as specified in the course syllabus.