HERZING UNIVERSITY

Course Syllabus

Course Title: Medical-Surgical Nursing II

Course Code: NSG527

Credit hours: 5.0

Lecture and Discussion (15 contact hours per credit) 75 Contact Hours

Course Description:

This course expands on previous nursing knowledge and skills to provide care to patients that have complex health alterations in a variety of clinical settings. Students will explore the concepts of professionalism, collaboration, communication, and cultural competency within the context of illness and their role as provider of care, educator, and patient advocate. In the clinical setting, students will care for selected patients in various settings, applying knowledge of pathophysiology and psychosocial dynamics for patients with medical and/or surgical problems. Students will provide nursing care to complex patients, families, and groups in unstable situations with unpredictable outcomes. The course focuses on nursing practice that facilitates the wellbeing of individuals within the context of critical or complex illness and continues the preparation of the student as a provider of care. In the clinical setting, students care for selected patients in various settings, integrating knowledge of pathophysiology and psychosocial dynamics for patients with acute or complex medical and/or surgical problems.

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. Integrate scientific evidence from nursing and biopsychosocial disciplines, and safety and quality improvement when implementing care for complex patients.
2. Evaluate quality improvement measures utilized in the care of patients.
3. Analyze the role of the professional nurse as an advocate for the critically ill patient.
4. Integrate professionalism and collaboration within the interdisciplinary clinical environment to develop a comprehensive plan-of-care.
5. Prioritize patient-centered care using clinical judgment in the care of high-acuity patients.

Topics & Learning Activities

Unit	Topics & Activities	Points Possible
1 Nursing Care of Patients with Cardiac Dysrhythmias	**Topics:** Nursing Care of Patients with Cardiac Dysrhythmias: • Electrocardiography • Basic Rhythm Analysis • Sinus Node and Atrial Dysrhythmias • Critical Cardiac Dysrhythmias **Reading**: Chapter 29, Dysrhythmias **Assignments**: Unit 1 Discussion Sherpath Lesson: Rhythm Identification and Treatment Sherpath Lesson: Dysrhythmia Care and Syncope **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	**5** **10 pts/each** **20 pts/each**

2 Nursing Care of Patients with Disorders of the Cardiovascular System	**Topics:** Nursing Care of Patients with Disorders of the Cardiovascular System: • Arteriosclerosis and atherosclerosis • Angina Pectoris • Acute coronary syndrome (ACS) and Myocardial Infarction **Reading:** Chapter 37, Coronary Artery Disease and Acute Coronary Syndrome **Assignments**: Sherpath Lesson: Coronary Artery Disease Sherpath Lesson: Chronic Stable Angina Sherpath Lesson: Acute Coronary Syndrome, Unstable Angina, and Myocardial Infarction Sherpath Lesson: Care for Acute Coronary Syndrome and Sudden Cardiac Death **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz EAQ Custom Quiz	**10 pts/each** **20 pts/each**
3 Nursing Care of Patients with Disorders of the Cardiovascular System	**Topics:** Nursing Care of Patients with Disorders of the Cardiovascular System: • Valvar Disorders • Cardiomyopathy • Endocarditis, Myocarditis, & Pericarditis • Cardiovascular Problems • Shock **Reading**: Chapter 40, Inflammatory and Structural Heart Disorders Chapter 41, Vascular Disorders Chapter 42, Shock, Sepsis, and Multiple Organ Dysfunction Syndrome **Assignments**: Sherpath Lesson: Infective Endocarditis, Acute Pericarditis, and Chronic Constrictive Pericarditis Sherpath Lesson: Myocarditis, Rheumatic Fever,	10 pts/each

	and Rheumatic Heart Disease Sherpath Lesson: Valvular Heart Disease Sherpath Lesson: Cardiomyopathy Sherpath Lesson: Peripheral Artery Disease Sherpath Lesson: Aortic Aneurysms and Aortic Dissection Sherpath Lesson: Acute and Chronic Venous Disorders Sherpath Lesson: Shock Sherpath Lesson: Interprofessional and Nursing Care Sherpath Lesson: Systemic Inflammatory Response Syndrome and Multiple Organ Dysfunction Syndrome HESI Exam ProctorU Assignment **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	C/I 20/pts each
4 Nursing Care of Patients with Disorders of the Respiratory System	**Topics:** • Pulmonary Embolism • Acute Respiratory Distress Syndrome (ARDS) • Pulmonary Edema and Respiratory Failure • Mechanical Ventilation • Chest Drainage Management • Nursing Care of Patients with Chest Trauma **Reading:** Chapter 28, Supporting Ventilation Chapter 30, Lower Respiratory Problems Chapter 32, Acute Respiratory Failure and Acute Respiratory Distress Syndrome **Assignments**: Sherpath Lesson: Artificial Airways and Procedures to Support Ventilation Sherpath Lesson: Mechanical Ventilation and Tracheostomy Sherpath Lesson: Restrictive Respiratory Disorders, Interstitial Lung Diseases, Chest Trauma, and Thoracic Injuries Sherpath Lesson: Vascular Lung Disorders and	**10 pts/each**

	Pulmonary Hypertension Sherpath Lesson: Acute Respiratory Failure Sherpath Lesson: Nursing and Interprofessional Management: ARF Sherpath Lesson: Acute Respiratory Distress Syndrome Sherpath Lesson: Nursing and Interprofessional Management: ARDS **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	**20 pts/each**
5 Nursing Management of Acid-Base Balance	**Topics:** • Arterial Blood Gases (ABG) • Prioritization & Delegation: Fluid, Electrolyte, & Acid-Base Balance **Reading**: Chapter 17, Fluid, Electrolyte and Acid-base Imbalances **Assignments**: Sherpath Lesson: Fluid Volume and Electrolyte Imbalances Sherpath Lesson: Acid-Base Imbalances and Fluid and Electrolyte Replacement **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz **Assessment:** HESI Exam 1	**10 pts/each** **20 pts/each** **100**
6 Nursing Care of Patients with Disorders of the Gastrointestinal System	**Topics:** • Acute Pancreatitis • Chronic Pancreatitis • Hepatitis • Cirrhosis • Liver Failure • Prioritization & Delegation: Complex Health Scenarios • Esophageal Cancer and Varices • Prioritization & Delegation:	

	Gastrointestinal Problems • Abdominal Trauma **Reading**: Chapter 46, Upper Gastrointestinal Problems Chapter 47 Lower Gastrointestinal Problems Chapter 48, Liver, Biliary Tract, and Pancreas Problems **Assignments:** Sherpath Lesson: Esophageal Disorders Sherpath Lesson: Diarrhea, Fecal Incontinence, Constipation, Acute Abdominal Pain, and Abdominal Trauma Sherpath Lesson: Liver Disorders: Part 1 Sherpath Lesson: Liver Disorders: Part 2 Sherpath Lesson: Pancreas Disorders HESI Personalized Learning Plans **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	**10 pts/each** **100** **20 pts/each**
7 Nursing Care of Patients with Disorders of the Renal System	**Topics:** • Acute Renal Failure • Chronic Renal Failure • Dialysis • Pharmacological Management of Renal Disorders • Urinary and Renal Problems **Reading**: Chapter 50, Renal and Urologic Problems Chapter 51, Acute Kidney Injury and Chronic Kidney Disease Chapter 59, Male Reproductive Problems **Assignments:** Sherpath Lesson: Renal Vascular Problems, Hereditary Kidney Diseases, Urinary Tract Tumors, and Bladder Dysfunction Sherpath Lesson: Acute Kidney Injury Sherpath Lesson: Chronic Kidney Disease Sherpath Lesson: Dialysis	**10 pts/each**

	Sherpath Lesson: Continuous Renal Replacement, Artificial Kidneys, and Kidney Transplantation Sherpath Lesson: Prostate Cancer **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz EAQ Custom Quiz **Assessment:** Dosage Calculation Exam	**20 pts/each** **100**
8 Nursing Care of Patients with Disorders of the Endocrine System	**Topics:** • Addison Disease • Cushing Syndrome and Acromegaly • Diabetes Insipidus • Syndrome of Inappropriate Antidiuretic Hormone Secretion (SIADH) • Prioritization & Delegation: Endocrine Problems **Reading**: Chapter 54, Endocrine Problems **Assignments**: Sherpath Lesson: Anterior and Posterior Pituitary Gland Problems Sherpath Lesson: Parathyroid Gland, Adrenal Cortex, and Adrenal Medulla Problems HESI Exam ProctorU Assignment **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	**10 pts/each** **C/I** **20 pts/each**
9 Nursing Care of Patients with Disorders of the Musculoskeletal System	**Topics:** • Fractures • Fractures of Specific Sites • Amputation • Prioritization & Delegation: Musculoskeletal Problems • Severity and pathophysiology of Burn Injuries	

	• Medical Management of Burn Injuries • Nursing Management of Burn Injuries • Prioritization & Delegation: Complex Health Scenarios **Reading**: Chapter 26, Burns Chapter 67, Musculoskeletal trauma and Orthopedic Surgery Chapter 68, Musculoskeletal Problems **Assignments**: Sherpath Lesson: Burn Injuries Sherpath Lesson: Burn Injury Management: Prehospital and Emergent Phase Sherpath Lesson: Acute Phase, Rehabilitation Phase, and Psychologic Concerns Sherpath Lesson: Soft Tissue Injuries Sherpath Lesson: Fractures Sherpath Lesson: Types of Fractures Sherpath Lesson: Amputation and Joint Surgeries **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz **Assessments:** Dosage Calculation Exam	**10 pts/each** **20 pts/each** **100 pts/each**
10 Nursing Care of Patients with Disorders of the Immune System	**Topics:** • Multiple Sclerosis • Myasthenia Gravis • Guillain-Barre Syndrome • Fibromyalgia **Reading**: Chapter 63, Chronic Neurologic Problems Chapter 65, Spinal Cord and Peripheral Nerve Problems Chapter 69, Arthritis and Connective Tissue Disease	

	Assignments: Sherpath Lesson: Multiple Sclerosis and Parkinson Disease Sherpath Lesson: Myasthenia Gravis, Amyotrophic Lateral Sclerosis, and Huntington Disease Sherpath Lesson: Cranial Nerve Disorders and Polyneuropathies Sherpath Lesson: Autoimmune Myositis, Mixed Connective Tissue Disease, Fibromyalgia, and Systemic Exertion Intolerance Disease **Quizzes:** EAQ Mastery Quiz EAQ Custom Quiz **Assessment:** HESI Exam 2	**10 pts/each** **20 pts/each** **100**
11 Nursing Care of Patients with Sensory Disorders or Meningitis	**Topics:** • Glaucoma • Cataract and Macular Degeneration • Meningitis **Reading**: Chapter 22, Assessment and Management: Visual Problems Chapter 61, Acute Intracranial Problems **Assignments**: Sherpath Lesson: Intraocular Disorders Sherpath Lesson: Intracranial Regulation Sherpath Lesson: Inflammatory Conditions of the Brain HESI Personalized Learning Plans **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz EAQ Custom Quiz	**10 pts/each** **100** **20 pts/each**
12 Nursing Care of Acute Neurological Disorders	**Topics:** • Ischemic Stroke • Hemorrhagic Stroke • Traumatic Neurological Disorders **Reading**: Chapter 62, Stroke Chapter 61, Acute Intracranial Problems	

	Assignments: Sherpath Lesson: Etiology, Pathophysiology, and Clinical Manifestations: Stroke Sherpath Lesson: Interprofessional Care: Stroke Sherpath Lesson: Nursing Management: Stroke Sherpath Lesson: Head Injury **Quizzes:** EAQ Mastery Quiz EAQ Custom Quiz	**10 pts/each** **20 pts/each**
13 Nursing Care of Patients with Cancer & End-Of-Life Care	**Topics:** • Cancer Diagnosis and Staging • Chemotherapy Agents • Radiation Therapy • End of Life Care • Palliative and Hospice Care • Physiological Responses to Terminal Illness • Nursing Management of Physiologic Responses to Terminal Illness • Nursing Care of Patients Who Are Close to Death • Prioritization & Delegation: Cancer **Reading**: Chapter 10, Palliative and End-Of-Life care Chapter 16, Cancer **Assignments**: Sherpath Lesson: Palliative Care, Hospice Care, and Death Sherpath Lesson: Domains of Palliative Care Sherpath Lesson: Nursing Management: End of Life Sherpath Lesson: Biology of Cancer Sherpath Lesson: Chemotherapy and Radiation Therapy Sherpath Lesson: Other Cancer Treatments Sherpath Lesson: Complications of Cancer HESI Exam ProctorU Assignment **Quizzes:** EAQ Mastery Quiz EAQ Mastery Quiz	**10 pts/each** **C/I** **20 pts/each**

	EAQ Custom Quiz **Assessment:** Dosage Calculation Exam	**100**
14 Putting it All Together: Case-Based Clinical Judgement	**Topics:** • Prioritization & Delegation: NCLEX Next Generation	
15 Final Exam	**Topics**: HESI Final Comprehensive Exam **Assessments:** HESI Final Exam	**100**
16 Final Reflection	**Topics**: Final course reflection **Discussions**: Final reflection on objectives	**20**

*Pass rates may vary by program requirement- Refer to the University Catalog.

Graduate Grade Scale

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

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

This course will utilize a HESI custom final exam. Student scores on this exam will be determined as follows:

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.*

Proctor 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.

Dosage Calc Exams

Students will have a total of three opportunities to pass the exam. An exam score of 80% or greater is required to be successful on the exam. If a student fails both the first two attempts, they may be eligible for a third attempt, contingent upon completing all required remediation and Program Chair approval. Failure to pass the dosage calculation exam after the final attempt results in course

failure.