



## NSG523 Course Syllabus

Medical Surgical Nursing I (Herzing University)



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## — 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
<p style="text-align: center;"><b>1</b></p> <p>Introduction to the Acute Care Setting</p>	<p>Introduction to the Acute Care Setting:</p> <ul style="list-style-type: none"> <li>• Medical Surgical Nursing</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform Supplemental Dosage Calculation Materials</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 1 Discussion</li> </ul>	<p><b>50</b></p> <p><b>20</b></p>
<p style="text-align: center;"><b>2</b></p> <p>Nursing Management of Fluid, Electrolytes, Acid-Base Balance</p>	<p>Nursing Management of Fluid, Electrolytes, &amp; Acid-Base Balance:</p> <ul style="list-style-type: none"> <li>• Hypovolemia &amp; Hypervolemia</li> <li>• IV Fluids</li> <li>• Introduction to Acid-Base Balance</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 2 Discussion</li> <li>• Case Study Activity #1 Fluid &amp; Electrolytes</li> <li>• Case Study Activity #2 Arterial Blood Gas Interpretation</li> <li>• Case Study Activity #3 Fluid, Electrolyte, &amp; Acid-Base Imbalances Scenario</li> </ul>	<p><b>50</b></p> <p><b>20</b></p> <p><b>30</b></p> <p><b>30</b></p> <p><b>40</b></p>

<p><b>3</b> Perioperative Nursing Care</p>	<p>Perioperative Nursing Care:</p> <ul style="list-style-type: none"> <li>• Pre-Operative Care</li> <li>• Intraoperative Care</li> <li>• Post-Operative Care</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 3 Discussion</li> </ul>	<p><b>50</b> <b>20</b></p>
<p><b>4</b> Nursing Care of Patients with Disorders of the Respiratory System</p>	<p>Nursing Care of Patients with Disorders of the Respiratory System:</p> <ul style="list-style-type: none"> <li>• Pneumonia</li> <li>• Chronic Obstructive Pulmonary Disease</li> <li>• Asthma</li> <li>• Tuberculosis</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 4 Discussion</li> <li>• Nurse Achieve NCLEX Practice</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Exam 1 – Content from Units 1-3</li> </ul>	<p><b>50</b> <b>20</b> <b>100</b>  <b>100</b></p>
<p><b>5</b> Nursing Care of Patients with Disorders of the Gastrointestinal System- Part I</p>	<p>Nursing Care of Patients with Disorders of the Gastrointestinal System- Part I:</p> <ul style="list-style-type: none"> <li>• Crohn’s Disease and Ulcerative Colitis</li> <li>• Gastroesophageal Reflux Disease</li> <li>• Obesity</li> <li>• Diseases of Motility</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 5 Discussion</li> </ul>	<p><b>50</b> <b>20</b></p>

<p><b>6</b> Nursing care of Patients with Disorders of the Gastrointestinal System- Part II</p>	<p>Nursing Care of Patients with Disorders of the Gastrointestinal System- Part II:</p> <ul style="list-style-type: none"> <li>• Small and Large Bowel Obstruction</li> <li>• Enteral and Parenteral Nutrition</li> <li>• Gall Bladder Disease</li> <li>• Peptic Ulcer Disease</li> <li>• Appendicitis</li> <li>• Peritonitis &amp; Diverticular Disease</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 6 Discussion</li> <li>• Case Study Paper Introduction</li> <li>• Nurse Achieve NCLEX Practice</li> </ul>	<p>50 20 10 100</p>
<p><b>7</b> Nursing Care of Patients with Disorders of the Cardiovascular &amp; Hematological Systems</p>	<p>Nursing Care of Patients with Disorders of the Cardiovascular &amp; Hematological System:</p> <ul style="list-style-type: none"> <li>• Hypertension</li> <li>• Heart Failure</li> <li>• Anemias</li> <li>• Thrombocytopenia &amp; Platelet Defects</li> <li>• Peripheral Vascular Occlusion Disease</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ)</li> <li>• Unit 7 Discussion</li> <li>• Nurse Achieve Case Study: Cardiovascular</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Exam 2: - Content from Units 4-6</li> </ul>	<p>50 20 100  100</p>
<p><b>8</b> Nursing Care of Patients with Disorders of the Genitourinary &amp; Renal Systems</p>	<p>Nursing Care of Patients with Disorders of the Genitourinary &amp; Renal Systems</p> <ul style="list-style-type: none"> <li>• Benign Prostatic Hyperplasia</li> <li>• Erectile Dysfunction</li> <li>• Urinary Incontinence</li> <li>• Infections and Sepsis of the Urinary Tract</li> <li>• Renal Calculi</li> </ul>	

	<p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ) <b>50</b></li> <li>• Unit 8 Discussion <b>20</b></li> <li>• Case Study Paper Pathophysiology <b>10</b></li> <li>• Case Study Paper History <b>10</b></li> </ul> <p><b>Assessments:</b></p> <ul style="list-style-type: none"> <li>• Dosage Calculation: Unit 04, Module 01: Dosage Calculation for Critical Care: Heparin Administration <b>50</b></li> </ul>	
<p><b>9</b> Nursing Care of Patients with Disorders of the Neurological System</p>	<p>Nursing Care of Patients with Disorders of the Neurological System</p> <ul style="list-style-type: none"> <li>• Dementia and Alzheimer’s Disease</li> <li>• Parkinson’s Disease</li> <li>• Headache</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ) <b>50</b></li> <li>• Unit 9 Discussion <b>20</b></li> <li>• Dosage Calculation: Unit 04, Module 02: Dosage Calculation for Critical Care: mcg/min, mcg/hr, mg/min <b>50</b></li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Exam 3 – Content from Units 7-8 <b>100</b></li> <li>• Dosage Calculation Exam 04 Prep Quiz 1 <b>50</b></li> </ul>	
<p><b>10</b> Nursing Care of Patients with Sensory &amp; Seizure Disorders</p>	<p>Nursing Care of Patients with Sensory &amp; Seizure Disorders</p> <ul style="list-style-type: none"> <li>• Seizures</li> <li>• Epilepsies</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ) <b>50</b></li> <li>• Unit 10 Discussion <b>20</b></li> <li>• Case Study Paper Nursing Physical Assessment <b>20</b></li> <li>• Nurse Achieve NCLEX Practice <b>100</b></li> </ul>	

	<ul style="list-style-type: none"> <li>Dosage Calculation: Unit 04, Module 03: Dosage Calculation for Critical Care: mg/kg/hr, mg/kg/min, mcg/kg/min</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>Dosage Calculation Exam 04 Prep Quiz 2</li> </ul>	<p><b>50</b></p> <p><b>50</b></p>
<p><b>11</b> Nursing Care of Patients with Disorders of the Endocrine System</p>	<p>Nursing Care of Patients with Disorders of the Thyroid Gland</p> <ul style="list-style-type: none"> <li>Hypothyroidism</li> <li>Hyperthyroidism</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>Knowledge Check Questions (KCQ)</li> <li>Unit 11 Discussion</li> <li>Case Study Paper Related Treatments</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>Dosage Calculation Exam 04 Prep Quiz 3</li> </ul>	<p><b>50</b></p> <p><b>20</b></p> <p><b>20</b></p> <p><b>50</b></p>
<p><b>12</b> Nursing Care of Patients with Disorders of the Endocrine System</p>	<p>Nursing Care of Patients with Disorders of the Endocrine System</p> <ul style="list-style-type: none"> <li>Diabetes</li> <li>Diabetes Management</li> <li>Pharmacological Management of Diabetes</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>Knowledge Check Questions (KCQ)</li> <li>Unit 12 Discussion</li> <li>Nurse Achieve Case Study: Endocrine</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>Exam 4 – Content from Units 9-11</li> <li>Dosage Calculation Exam 04 Practice</li> </ul>	<p><b>50</b></p> <p><b>20</b></p> <p><b>100</b></p> <p><b>100</b></p> <p><b>C/I</b></p>
<p><b>13</b> Nursing Care of Patients with Disorders of the Immune System</p>	<p>Nursing Care of Patients with Disorders of the Immune System</p> <ul style="list-style-type: none"> <li>Rheumatoid Arthritis (RA)</li> <li>Systemic Lupus Erythematosus (SLE)</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p>	

	<p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ) 50</li> <li>• Unit 13 Discussion 20</li> <li>• Case Study Paper Care Plan 20</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Dosage Calculation Exam 04 C/I</li> </ul>	
<p><b>14</b> Nursing Care of Patients with Disorders of the Musculoskeletal System</p>	<p>Nursing Care of Patients with Disorders of the Musculoskeletal System</p> <ul style="list-style-type: none"> <li>• Osteoporosis</li> <li>• Osteoarthritis</li> <li>• Gout</li> </ul> <p><b>Reading:</b> Selected readings as provided in adaptive platform</p> <p><b>Assignments:</b></p> <ul style="list-style-type: none"> <li>• Knowledge Check Questions (KCQ) 50</li> <li>• Unit 14 Discussion 20</li> <li>• Case Study Paper Final Submission 20</li> </ul> <p><b>Assessments:</b></p> <ul style="list-style-type: none"> <li>• Exam 5 – Content from Units 12-13 100</li> <li>• Dosage Calculation Exam 04 Retake (If needed) C/I</li> </ul>	
<p><b>15</b> Final Exam</p>	<p>Cumulative Final Exam Prep</p> <ul style="list-style-type: none"> <li>• Comprehensive Knowledge Check Remediation 100</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• HESI Final Comprehensive Exam 100</li> </ul>	
<p><b>16</b> Final Reflection</p>	<p><b>Topics:</b> Final Course Reflection</p> <p><b>Discussions:</b></p> <ul style="list-style-type: none"> <li>• Final reflection on objectives 20</li> </ul>	

Exam grades that appear in the adaptive (Realizeit) platform do not reflect the final grade and should be disregarded. The final grade will become visible in the Canvas platform after the test item analysis has been completed.

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

## Undergraduate Grade Scale

<b>A</b>	90.00-100%
<b>B</b>	80.00-89.99%
<b>F</b>	0.00-79.99%

## Grade Summary

<b>Grade Summary</b>	<b>Weight</b>	<b>Method of Scoring</b>
Discussion Board Posts	5%	Rubric
Knowledge Check Questions	10%	Points
Exams (5)	40%	Points
Final Exam (HESI)	20%	Points
Assignments (Case Studies & Application Exercises)	10%	Rubric/Points
Nurse Achieve Assignments	10%	Rubric/Points
Dosage Calculation Quizzes and Exams		P/F
Knowledge Check Remediation	5%	Points
Total	100%	

\*\* Dosage Calculation Exam 04: Students will be given two opportunities to pass the Dosage Calculation Exam 04 with a grade of 80% or better. Students who fail to achieve 80% on their first attempt of the dosage exam will be required to engage in remediation. Students unable to pass the dosage exam with 80% on the second attempt will not be permitted to progress to NSG527 Medical-Surgical Nursing II. Students must complete all dosage calculation modules, quizzes, and practice exams within the course, and complete remediation as needed using the dosage calculation resources posted in the course, the Calculate with Confidence textbook and online practice exercises, and by scheduling time with the Herzing University tutoring center as needed. Information regarding the resources of the SASC including tutoring, review sessions, recordings, and other resources can be found by visiting the SASC in the Student Resource Center on the Canvas Dashboard.

### Use of Remote Proctoring for Exams

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 Proctorio, a proctoring software that allows for automated or live proctoring of exams, to maintain the integrity of the exams administered by the University.

The automated proctoring solution monitors test takers via a webcam, microphone, browser, and device to uphold the integrity of the assessment. This process includes monitoring test taker

behavior, including facial and gaze detection tracked, dropped internet connections, and other activities that may indicate irregular testing activities. At the end of the exam session, an institution-approved representative will review a summary report of flagged activities; raw data will additionally be available. The institution-approved representative determines if any further action is warranted based on University policy. Herzing will retain this information for six months unless needed to resolve a specific pending grade dispute.

Any student accessing an exam without the use of Proctorio 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.

NSG523 will utilize a HESI custom final exam. Student scores on this exam will be determined as follows:

HESI Score	Percentage
>1050	95
1001-1050	90
950-1000	85
900-949	82
875-899	80
850-874	78
800-849	75
750-799	71
700-749	67
≤ 699	59

## 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.*

To pass this course, students must achieve a minimum exam average of 76%. This exam average is determined by the average scores of all exams in the course. This does not apply to Dosage Calculation exams, PassPoint exams, ShadowHealth exams, or HESI Exit Exams.

After achieving the 76% exam average, the exam scores are applied to the weighted grading scale to calculate the final course grade. The final course grade is inclusive of all course requirements in the weighted grading scale to determine the final course grade. A final course grade of 76% or higher is required to pass this course.

*Final grades will be posted after the exam average has been calculated and applied at the end of the term.*