



# Course Specification

— (Bachelor)

**Course Title:** Adult and Geriatric Health Nursing I - Theory

**Course Code:** NRS 243

**Program:** Bachelor Degree in Nursing Science

**Department:** Nursing (NRS)

**College:** College of Nursing

**Institution:** Majmaah University

**Version:** V4

**Last Revision Date:** June 2023



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## A. General information about the course:

### 1. Course Identification

1. Credit hours: 3 ( 3+0+0 )

#### 2. Course type

A.  University  College  Department  Track  Others  
 B.  Required  Elective

3. Level/year at which this course is offered: (2<sup>nd</sup> year 4<sup>th</sup> level)

#### 4. Course general Description:

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This course is designed to introduce fourth level nursing students to the basic principles of nursing care and management of adult health problems related to respiratory, cardiovascular, endocrine, and gastrointestinal systems. These principles will assist students in providing the comprehensive nursing care needed to meet their needs by utilizing the nursing process.

NRS 233

#### 6. Pre-requirements for this course (if any):

NRS 244

#### 7. Course Main Objective(s):

The main purpose of this course is to introduce nursing students to basic theoretical concepts of nursing care and management of adult and geriatrics health problems related to respiratory, cardiovascular, endocrine, gastrointestinal and hematologic systems across the lifespan.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>• Traditional classroom</li> <li>• E-learning</li> </ul>		
4	Distance learning		
	Other		





### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	
2.	Laboratory/Studio	60
3.	Field	
4.	Tutorial	
5.	Others (specify)	
<b>Total</b>		<b>60</b>

### B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
<b>1.0</b>	<b>Knowledge and understanding</b>			
K1.1	Recall the Anatomy & Physiology of respiratory, cardiovascular, gastrointestinal, and endocrine systems.	K1	Lecture and Discussion	Written Exam
K2.1	Outline the etiology, pathophysiology, clinical manifestations, diagnostic tests, and various modalities of treatment for variety medical & surgical conditions that affect respiratory, cardiovascular, gastrointestinal and endocrine systems in addition to blood and fluid and electrolytes balance.	K2	Lecture and Discussion	Written Exam
<b>2.0</b>	<b>Skills</b>			
S4.1	Develop nursing care plans for patients with variety medical & surgical conditions that	S4	Lecture feedback exams and assignment	Written Exam





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	affect respiratory, cardiovascular, gastrointestinal, and endocrine systems in addition to blood and fluid and electrolytes balance.			
S4.2	Compare the normal and abnormal findings in a variety of clinical investigation.	S4	Lecture and Discussion	Written Exam
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
V1.1	Use critical thinking to make clinical decisions, prioritize and organize care for adults with multiple and complex medical-surgical problems.	C1	Case Method with Discussion	Case Study
3.2				
...				

### C. Course Content

No	List of Topics	Contact Hours
1.	Unit 1: Reviewing of the Nursing Process and Critical thinking skills.	3
2.	Unit 2: Health Care of the Older Adult: Overview of Aging. Age-Related Changes. Mental Health Problems in the Older Adult and Geriatric Syndromes.	3
3	Unit 3: Care of patient with Fluid & Electrolyte imbalance and Disturbances: Assessment of fluid and electrolytes, manage fluid and Electrolytes disturbance	3
4	Unit 4: Perioperative Concepts and Nursing Management: Preoperative Nursing Management, Intraoperative Nursing Management and Postoperative Nursing Management	4
5	Unit 5: Care of patient with Respiratory Disorders: Assessment of Respiratory Function, Management of Patient with Upper, Lower and Chronic Pulmonary Disease	8
6	Unit 6: Care of patient with cardiovascular, circulatory and Hematologic Disorders: Assessment of Cardiovascular Function, Management of Patients with Dysrhythmias, Conduction Problems, Coronary Vascular Disorders, Structural, Infectious, Inflammatory Cardiac Disorders, Complications from Heart Disease, Assessment and Management of Patients with Vascular	8





	Disorders and Problems of Peripheral Circulation, Hypertension and Hematologic Disorders	
7	Unit 7: Care of patient with Digestive and Gastrointestinal Disorders: Assessment of Digestive and Gastrointestinal Function, Management of Patients with Oral and Esophageal Disorders, Gastric and Duodenal Disorders And Intestinal and Rectal Disorders	8
8	Unit 8: Care of patient with Metabolic and Endocrine Disorders Assessment and Management of Patients with Hepatic Disorders, Biliary Disorders, Diabetes Mellitus, Endocrine Disorders	8
<b>Total</b>		<b>45</b>

## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz	5 <sup>th</sup> week	10%
2.	Midterm Exam	11-12 <sup>th</sup> week	30%
3.	Group Discussion	12 <sup>th</sup> week	5%
	Professionalism and Participation	1 <sup>st</sup> - 15 <sup>th</sup> weeks	5%
	Assignment	7 <sup>th</sup> week	10%
	Final exam	16 <sup>th</sup>	40%
	<b>TOTAL</b>		<b>100%</b>

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

## E. Learning Resources and Facilities

### 1. References and Learning Resources

<b>Essential References</b>	Smeltzer S. C., Bare B. G., Hinkle J. L., and Cheever K. H. (2018) Brunner and Suddarth's Textbook of Medical- Surgical Nursing. (14 <sup>th</sup> Ed). Lippincott Williams and Wilkins Publishers. ISBN-13: 978-1496347992 ISBN-10: 1496347994
<b>Supportive References</b>	Weber, Janet and Kelley, Jane H (2013), Health Assessment in Nursing, 6 <sup>th</sup> Ed. Wolters Kluwer Health ISBN-13: 978-1496344380 ISBN-10: 1496344383  Audrey Berman, et al. 2018. Kozier and Erb's Fundamentals of Nursing: concepts, process and practice. 4 <sup>th</sup> Australian Ed. Pearson, Australia. ISBN 9781488613661 1488613664
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li><a href="https://www.amsn.org/practice-resources">https://www.amsn.org/practice-resources</a></li> </ul>





<b>Other Learning Materials</b>	<ul style="list-style-type: none"> <li>• <a href="https://www.nursingcenter.com/clinical-resources/practice-specialties/medical-surgical-nursing">https://www.nursingcenter.com/clinical-resources/practice-specialties/medical-surgical-nursing</a></li> <li>• <a href="https://www.amsn.org/sites/default/files/documents/practice-resources/scope-and-standards/AMSN-Scope-Standards-MS-Nursing.pdf">https://www.amsn.org/sites/default/files/documents/practice-resources/scope-and-standards/AMSN-Scope-Standards-MS-Nursing.pdf</a></li> <li>• <a href="http://thepoint.lww.com">http://thepoint.lww.com</a></li> <li>• <a href="https://evolve.elsevier.com/cs/product/9780323371155?role=student">https://evolve.elsevier.com/cs/product/9780323371155?role=student</a></li> </ul> <p>www.pubmed.com</p>
	Blackboard

## 2. Required Facilities and equipment

Items	Resources
<p style="text-align: center;"><b>facilities</b></p> <p>(Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)</p>	<p>Lecture rooms should be large enough to accommodate 30 students</p> <p>Well-equipped Nursing lab suitable for 10 – 15 students</p>
<p style="text-align: center;"><b>Technology equipment</b></p> <p>(projector, smart board, software)</p>	<p>One computer, projector, active-board, video set connected to projector</p>
<p style="text-align: center;"><b>Other equipment</b></p> <p>(depending on the nature of the specialty)</p>	<p>NA</p>

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Faculty	<ul style="list-style-type: none"> <li>• CLO Mapping with teaching and assessment.</li> <li>• Course blueprinting</li> <li>• Grade analysis</li> </ul> <p>Psychometric analysis</p>
Effectiveness of Students assessment	Students	<p>Course Evaluation Survey</p> <p>Quality of Exam Survey</p>
Quality of learning resources	Student / Faculty	
The extent to which CLOs have been achieved	Faculty member / Quality assurance committee	



Assessment Areas/Issues	Assessor	Assessment Methods
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

### G. Specification Approval

<b>COUNCIL /COMMITTEE</b>	<b>DEPARTMENT COUNCIL</b>
<b>REFERENCE NO.</b>	<b>4</b>
<b>DATE</b>	<b>19.09.2023</b>

