

Jordan University of Science and Technology
Faculty of Nursing
Department of Adult Health Nursing
First Semester 2023/2024
Course Specifications

Title & Instructor	
Course Title	Adult Health Nursing Theory (1)
Course Number	NUR 221
Number of credit hours/ contact hours	3 Credit Hours
Prerequisites	Pre./Con NUR 206
Course Level (JNQF)	Level 7
Course Website	http://elearning.just.edu.jo/course
Instructors	Dr. Audai Hayajneh, RN, PhD Dr. Mohammad Rababa, RN, PhD
Office Location	Dr. Audai and Dr. Mohammad: N3, 3rd Floor
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Office Hours	
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Teaching Assistant	NA

Course Description
<p>This course will help students develop a theoretical foundation for nursing practice and introduce nursing process as a framework for professional nursing practice. Concepts from the humanities, social, behavioral, and natural sciences are examined for their applicability to nursing. The nursing process is applied to the care of clients who are either at risk for or experiencing common health disruptions. Selected alterations in health experienced by the adult client (i.e., perioperative management of surgical patient; fluid – electrolyte and Acid-Base imbalances; cardiovascular; circulatory; hematology; oncology; respiratory; and gastrointestinal). Critical thinking and problem-solving approaches are utilized to be frameworks for the nursing management of patients with these alterations.</p>

Course Aim
<p>This course will help students develop a theoretical foundation for nursing practice, and introduce nursing process as a framework for professional nursing practice.</p>

Course Map						
Course Student Learning Outcomes (CSLOs)	Weights	End of Program Students Learning Outcome (EPSLOs)	National Qualification framework K: Knowledge S: Skills C: Competency	Relevant Competency	Competency mastery level I: Introduced R: Reinforced P: Proficient	Evaluation Methods
1. Identify bi- psychosocial principles in understanding the alteration in health among adults and older adult patients.	10%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, and other sciences and disciplines to make judgments relative to the practice of nursing that is based on research findings and evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter- professional Care Core-Competencies: Evidence Based Practice. Reflection.	I	1. Exam (multiple choice)
2. Describe the nursing implication of the laboratory and diagnostic studies for adults and older adults patients experiencing alterations in health	10%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, and other sciences and disciplines to make judgments relative to the practice of nursing that is based on research findings and evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter- professional Care Core-Competencies: Evidence Based Practice. Reflection.	I	1. Exam (multiple choice)
3. Use critical thinking to formulate the nursing process to plan holistic nursing care for adults and older adults across the	30%	EPSLO 5: Use critical thinking to provide holistic nursing care across the lifespan in a variety of	L7, S1: Mastering the skills and tools required to solve complex	Role-Specific Competency: Care Provider. Core-Competencies: Patient Centered Care. Decision Making.	R	1. Exam (multiple choice)

health care continuum		complex healthcare settings utilizing the nursing process to promote health, prevent diseases, and maintain the well-being of individuals, families, groups, communities and populations.	problems in a specialized field of study. L7, S2: Demonstrating specialized and conceptual skills in the field of study L7, S3: The practice of evaluation in planning, designing, technical and / or supervisory functions related to products, services, or processes.	Holistic Care. Patient Safety.		
4. Apply basic knowledge and skills principles in the care of clients with alteration of health.	20%	EPSLO 1: Integrate knowledge from nursing, arts, humanities, and other sciences and disciplines to make judgments relative to the practice of nursing that is based on research findings and evidence.	L7, K: Methodological understanding of the theories, concepts, principles and circulars associated with the fields of learning some of which are state-of-the-art.	Role-Specific Competency: Inter-professional Care Core-Competencies: Evidence Based Practice. Reflection.	I	1. Exam (multiple choice)

5. Recognize adults and older adults teaching needs in the plan of safe care utilizing cost effective resources	10%	EPSLO 4: Utilize beneficial cost-effective resources to plan and provide safe, effective and financially responsible nursing services.	L7, C2: Taking responsibility for making decisions in work or study contexts. L7, C4: Transferring and applying diagnostic and creative skills in a range of context.	Role-Specific Competency: Collaborator. Core-Competencies: Research. Patient Safety.	I	1. Exam (multiple choice)
6. Identify roles for various members of the health team and the inter-professional collaboration in planning for adults and older adults care.	10%	EPSLO 3: Communicate effectively through verbal, written and electronic medium with individuals, families, groups, organizations, communities and members of the healthcare team, and in documentation of data in the delivery of quality client-centered care.	L7, S1: Mastering the skills and tools required to solve complex problems in a specialized field of study. L7, S2: Demonstrating specialized and conceptual skills in the field of study.	Role-Specific Competency: Interpersonal Relationship. Core-Competencies: Interdisciplinary Care. Collaboration.	I	1. Exam (multiple choice)

7. Recognize the professional nursing responsibility, accountability and ethical principles - related to patient information and patient care situations.	10%	EPSLO 6: Accept responsibility and accountability for professional nursing practice including the inherent values of ethics, altruism, autonomy, human dignity, integrity and social justice.	L7, C2: Taking responsibility for making decisions in work or study contexts. L7, C3: Taking responsibility for group work and work effectively under peer guidance.	Role-Specific Competency: Professional Responsibility. Core-Competencies: Accountability. Responsibility.	I	1. Exam (multiple choice)
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Text Book & References (1)	
Title	Brunner and Suddarth's Textbook of Medical Surgical Nursing
Author(s)	Hinkle & Cheever
Publisher	Wolters Kluwer
Year	2018
Edition	Fourteenth Edition
Book Website	http://thepoint.lww.com/activate
References	Hinkle, J. L., & Cheever, k., H. (2018). Brunner and Suddarth's Textbook of Medical Surgical Nursing (14th ed.). Wolters Kluwer

Useful Resources

Teaching & Learning Methods
Lectures (In-Class), discussion, study assignments, and readings are among the methods of instruction used for learning in this course.

Assessment		
Assessment Type	Expected Due Date	Weight
First Exam	5 th -6 th week	25%
Second Exam	10th – 11th week	25%
Group Poster Presentation	11th – 12th week	10%
Final Exam	15 th – 16 th week	40%

Grading Scale			
A+	100-95	C+	69-67
A	94-85	C	66-63
A-	84-80	C-	62-60
B+	79-77	D+	59-57
B	76-73	D	56-53
B-	72-70	D-	52-50

Course Schedule				
Week	Topics	Readings	Achieved CSLOs	Assignments Due
1	Orientation to course/ Preoperative Nursing Management	Course syllabus/ Ch. 17, 18		
2	Intraoperative Nursing Management/	Ch. 17, 18	1, 2, 5, 6, 7	
3	Postoperative Nursing Management/	Ch. 17, 18 Ch. 19, 13	1, 2, 5, 6, 7	
4	Acid – Base Disturbances (Buffer Systems; Metabolic Acidosis (HCO ₃ Deficit); Metabolic Alkalosis (HCO ₃ Excess) (Respiratory Acidosis (Carbonic Acid Excess); Respiratory Alkalosis (Carbonic Acid Deficit); Parenteral Fluid Therapy; Systemic and Local Complications	Ch. 26, 27,29	1, 2, 5, 6, 7	
5	Myocardial Infarction (MI)/ /Angina Pectoris	Ch. 29, 30, 31	3, 4, 5, 6, 7	
6	Heart Failure & Pulmonary Edema			
7	Arterial Disorders (Arteriosclerosis vs. Atherosclerosis; Peripheral Arterial Occlusive Disease; Arterial Embolism and Arterial Thrombosis)/ Venous Disorders (Deep Vein Thrombosis (DVT); Chronic Venous Insufficiency; Leg ulcers; Varicose Veins (Varicosities).	Ch. 29, 30, 31	3, 4, 5, 6, 7	
8	Hypertension & Hypertension Crisis (Emergency and Urgency Crisis) /	Ch. 30, 31 Ch. 23, 24	3, 4, 5, 6, 7	
9	Respiratory infections (Anatomy of the	Ch. 23, 24	3, 4, 5, 6, 7	

	Lower Respiratory Tract; Function of the Respiratory System; Diagnostic Tests) Acute Tracheobronchitis Pneumonia (community-acquired, hospital-acquired, and Aspiration).			
10	Pleural Conditions (Pleurisy; Pleural Effusion; Empyema) Pulmonary Embolism			
11	Chronic Obstructive Pulmonary Disease (COPD) (Chronic Bronchitis; Emphysema; Bronchiectasis) Asthma	Ch. 23, 24	3, 4, 5, 6, 7	
12	GI Infections (Anatomy and Assessment of the GIT) Gastritis Peptic Ulcer Disease Zollinger-Ellison syndrome (ZES) Stress ulcer Abnormalities of Fecal Elimination (Constipation; Diarrhea; Incontinence; Irritable Bowel Syndrome (IBS))	Ch. 46	3, 4, 5, 6, 7	
13	Acute Inflammatory Intestinal Disorders (Appendicitis; Peritonitis) Intestinal Obstruction (Small Bowel Obstruction; Large Bowel Obstruction; Colostomy & Ileostomy).	Ch. 47	3, 4, 5, 6, 7	
14	Disease of the Anus-rectum (Anal Fissure, Hemorrhoids) Hematological system Overview (Anatomy and Assessment of Hematologic System) Hemolytic Anemia; Sickle Cell Anemia)	Ch. 62, 15	1, 2, 7	
15	Hypo-proliferative Anemias (Iron Deficiency Anemia; Aplastic anemia; Megaloblastic Anemia) Blood & Blood Components Therapy/	Ch. 32, 33	3, 4, 5, 6, 7	
16	Burn			
17	Oncology			

Additional Notes	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the instructor and the dean of the Faculty of Nursing
Testing Policy and Procedure	<u>A) Testing policy</u> -Students will be expected to place all books and papers away (outside the test-room) while they are taking the test. -Students should place their students' ID on the computer table during the exam. -Any question regarding students' sharing of test information, talking during the test or any other indication of academic dishonesty will not be tolerated. (Refer to College/Student Handbook).

	<p>- Exam format for the course will be computer-based exam.</p> <p>-PRINTING or COPYING OF ANY EXAM OR PARTS OF AN EXAM IS CONSIDERED ACADEMIC DISHONESTY. INSTANCES OF ACADEMIC DISHONESTY WILL BE TREATED ACCORDING TO THE COLLEGE POLICY.</p> <p><u>B. missing exams:</u> If a student is unable to take a test due to acceptable excuse, that student must inform the course instructor. You must negotiate with instructor to make up the test within one week.</p>
Cheating	<p>Prohibited; and in case of cheating the student will be subject to JUST regulations (could be accessed through this link http://www.just.edu.jo/aboutjust/RegulationsTemp/40%201/الطالبة20%تأديب20%نظام.pdf</p>
Attendance	<p>The Faculty of Nursing adheres to the following attendance policy: Attendance in class is mandatory. The faculty understands however, that at times students become ill or have personal or family emergencies that preclude them from attending class. If a student misses more than 20%, he will fail the course and receive a course grade of 35%. Students will be asked to sign an attendance sheet daily to document their presence in class. It is the student's responsibility to make sure they sign this attendance record. If a student is absent with acceptable excuse, he/she is responsible for obtaining information/notes/handouts from another student. If a student is absent on a test day, this counts as 1 absence.</p>
Announcements	<p>You are responsible for any announcements posted by the Faculty of Nursing or by any member of the faculty. Additional notices and messages are posted on appropriate bulletin boards in the College of Nursing hallways. Students are responsible for messages announced in class and the bulletin boards. PLEASE CHECK THESE BULLETIN BOARDS ON A REGULAR BASIS.</p>
Visitors	<p>The Faculty of Nursing adheres to the following policy regarding visitors in class: Students are not permitted to bring children, family members, or other guests to class. This poses a liability to the College as well as a distraction to other students and the course faculty.</p>
Disabilities	<p>If you have specific physical, psychological or learning disabilities and require accommodations, please let us know early in the semester so that your learning needs may be appropriately met.</p>
Diversity	<p>The Faculty of Nursing adheres to the following policy regarding diversity: Students are to show respect for the interest, preferences, and opinions of others (clients, students, faculty, staff, etc.). There will be zero tolerance for displays of prejudice, discrimination, or hostility based on differences such as gender, nationality, religion, disability, age, or health status. Any student violates this policy will be referred to the Dean.</p>
Participation	<p>The instructor will serve as a facilitator of learning in the classroom and through posting various assignments on E-Learning. This approach is expected to facilitate successful achievement of the SLO's and course objectives. In the classroom, the instructor will implement different methods to encourage in-class participation.</p>
Laboratory	N.A
Withdraw	<p>Should any student decide to withdraw from the class, s/he should refer to the university calendar for due date regarding the last date to withdraw.</p>