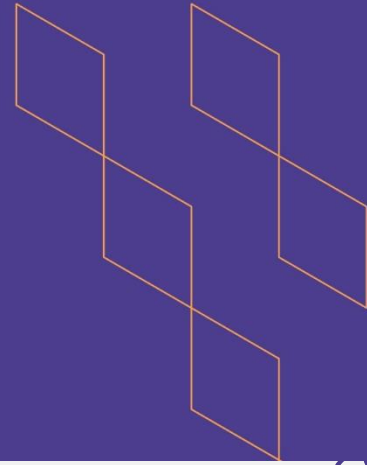




T-104
2022

Course Specification



Course Title: Adult Care Nursing 1
Course Code: 231NUR-6
Program: Nursing
Department: Nursing
College: College of Nursing
Institution: Jazan University
Version: February 2023
Last Revision Date: 11/10/2022



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A. General information about the course:

Course Identification

1. Credit hours: 6 Hrs. (3Hrs Theory + 3Hrs Practice)

2. Course type

a. University ☐ College ☐ Department ☒ Track ☐ Others ☐

b. Required ☒ Elective ☐

3. Level/year at which this course is offered: 6th level / 2nd year

4. Course general Description

This course is required for all undergraduate nursing students. It develops the students' clinical competencies in the area of medical surgical nursing. The course focuses on the actual and high-risk conditions that affect individual's functional health patterns. The contents of the course focus on digestive & gastrointestinal, cardiovascular, respiratory, hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer. Students will apply selected competencies for designing comprehensive nursing care management of adult clients with complex & unpredictable human responses to specific system alterations. The goal for teaching the course is for the students to integrate knowledge learned from the classroom lectures such as the etiology, pathophysiology, risk factors, signs and symptoms, diagnostic tests, medical and surgical management of various system- disorders into the actual clinical settings.

5. Pre-requirements for this course (if any): 222NUR-6

6. Co- requirements for this course (if any): None



2. Course Main Objective

Upon the completion of this course, the students will:

1. Critique the process of developing assessment, nursing diagnosis, objectives, planning, interventions and expected outcomes.
2. Apply cognitive abilities derived from the nursing & support courses, to the provision of nursing care to adult individuals with alterations in Digestive & Gastrointestinal, Cardiovascular, Respiratory, Hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer.
3. Utilize the nursing process in providing comprehensive nursing care in adult patients with alteration in Digestive & Gastrointestinal, Cardiovascular, Respiratory, Hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer.
4. Understand the concept of perioperative nursing care and apply in practice.
5. Evaluate the effectiveness of techniques & principles of communication in dealing with adult individuals, families and significant others as well as the members of the health care team in medical surgical units.
6. Incorporate ethical, legal, socio-cultural & professional standards when providing care to adult individual with medical surgical conditions.
7. Integrate age, culture, spirituality, patient preferences and health literacy to plan teaching for acutely & critically ill adult patients & their families.
8. Evaluate the effectiveness of health teaching to promote health, maintaining well-being, prevent illness & disabilities in individuals.
9. Ensure proper utilization of supplies & handling of equipment used in medical surgical units.

Examine patient care technologies that support safe and quality nursing care of acutely & critically ill adult patients.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	3hrs/week	50%
2.	E-learning		
3.	Hybrid <ul style="list-style-type: none"> Traditional classroom E-learning 		
4.	Distance learning		
5.	Other (laboratory/practical)	6hrs/week	50%

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	(3 hrs. x 10wks.) 30
2.	Laboratory/Studio	(6 hrs. x 10 wks.) 60
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	90hrs

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

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate the broad understanding and critical view of the concepts and terminology used in providing comprehensive nursing care for adult patients with alteration in digestive & gastrointestinal, cardiovascular, respiratory, hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer	K1	1. Lecture-discussion and didactics 2. Computer-aided Instructions (CAI) 3. Problem-Based Learning. 4.Data show presentation	1. Quizzes 2. Written Examinations 3. Case studies 4. Nursing Care Plans 5- Individual and group assignment
1.2	Recognize the principles and concept of appropriate nursing care to the patients with alteration in digestive & gastrointestinal, cardiovascular, respiratory, hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer	K2		
1.3	Explain contemporary nursing practices based on knowledge and technological advances to promote patient centered care	K3		
2.0	Skills			
2.1	Perform basic and advanced nursing skills to clients with alteration in digestive & gastrointestinal, cardiovascular, respiratory, hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer	S1	1. Demonstration 2. Case studies and presentations 3. Questioning 4. Problem-solving 5. Simulation 6. Problem-based learning. 7. Lectures. 8. E-Videos 9. Role playing 10. Video clips	1. Case presentations 2. Case Analysis 3. Bedside Conferences 4. Written Examinations 5. Quizzes Case study /Assignments
2.2	Integrate technology and information systems skills in healthcare practices for clients with alteration in digestive & gastrointestinal, cardiovascular,	S2		



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	respiratory, hematology systems, and patients with pain, inflammation, shock, fluid and electrolyte imbalances, and cancer			
2.3	Use communication skills with patients, their families, colleagues and other professionals while performing duties in hospital	S3		
2.4	Practice critical thinking skills in designing nursing care plan for adults	S4		
3.0	Values, autonomy, and responsibility			
3.1	Conform to professional and academic values, standards, and ethical code of conduct for nursing practice.	V1	1. Role playing 2. Video clips. 3. Small group discussion 4. Actual clinical exposure: observe, assist, perform clinical skills on actual patients	Assignment Observation in class. Students discussion
3.2	Engage in teamwork, interdisciplinary and collaborative activities and contribute nursing perspectives to optimize patient outcomes	V2		
...				





C. Course Content

No	List of Topics	Contact Hours
1.	1 week: Introduction to Medical - Surgical Nursing & history of Medical - Surgical Nursing a. Nursing process: Assessment, Diagnosis (NANDA), Planning, Intervention, Evaluation b. Application of Nursing Process	L 3
2.	II&III. Fluid and Electrolyte distribution, balance & imbalance a. Concept of fluid and electrolytes b. Regulation of body fluid components c. Laboratory tests for evaluation of fluid status d. Homeostatic mechanism e. Fluid volume imbalances f. Electrolyte imbalances g. Acid-base disturbances h. Parenteral fluids Practical: <input type="checkbox"/> ABG <input type="checkbox"/> Parenteral Nutrition.	L:3hrs P: 6hre
3	III&IV. Pain assessment and management Inflammation and shock management Practical: <input checked="" type="checkbox"/> Hot and cold application	L 3 P 6
4	V. Perioperative Concept <u>A. Preoperative Management</u> • Surgical Classification • Preoperative management. • Preoperative and peri- anesthesia nursing • Preparation for surgery • Special consideration <u>B. Intraoperative Management.</u> • Surgical team • Surgical environment • Intraoperative complications • Intraoperative nursing care <u>C. Postoperative Management.</u> • Post operative discomfort and complications • Post anesthesia/operative nursing care • Practical:	L 3 P 6



	<ul style="list-style-type: none"> <input type="checkbox"/> Surgical aseptic techniques <input type="checkbox"/> Skin preparation Apply and removed of sutures 	
5	<p>V&VI. Gastrointestinal System Disorders</p> <ul style="list-style-type: none"> Overview of anatomy and physiology. Health history, physical assessment, diagnostic evaluation. Esophageal disorders: achalasia, gastroesophageal reflux, hiatal hernia, diverticulum Gastric & duodenal disorders: gastritis, peptic and duodenal ulcer; gastric surgeries <p>-----Hepatic and billiary disorders : hepatitis, hepatic cirrhosis, hepatic failure, cholecystitis, cholelithiasis; liver transplantation</p> <ul style="list-style-type: none"> Intestinal disorders: constipation, diarrhea, irritable bowel syndrome, inflammatory bowel disease, appendicitis, , ano-rectal diseases Abdominal cavity disorders: hernia and peritonitis <p>Practical:</p> <ul style="list-style-type: none"> ➤ Jejunostomy/ gastrostomy feeding ➤ Colostomy care 	<p>L 3</p> <p>P 6</p>
6	<p>VII. Disorders of Cardiovascular System</p> <ul style="list-style-type: none"> Overview of anatomy and physiology Health history, physical assessment, diagnostic evaluation Cardiovascular diseases: Arteriosclerosis, atherosclerosis, aortic aneurysm, deep vein thrombosis, thrombophlebitis, varicose vein, hypertension, , coronary artery disease, congestive heart failure, valvular heart disease, rheumatic heart disease <p>Practical:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ECG monitoring <p><input type="checkbox"/> Cardiopulmonary resuscitation as basic life support</p>	<p>L 3</p> <p>P 6</p>
7	<p>VIII. Disorders of Respiratory System</p> <ul style="list-style-type: none"> Overview of anatomy and physiology Health history, physical assessment, diagnostic evaluation Upper Respiratory Tract Disorders: common cold, rhinitis, sinusitis, tonsillitis, pharyngitis, laryngitis, adenoiditis Lower Respiratory Tract Disorders: atelectasis, tracheobronchitis, pneumonia Chronic Obstructive Pulmonary Disease (chronic bronchitis, , asthma, bronchitis, bronchiectasis, pulmonary TB, respiratory failure, , pneumothorax <p>Practical:</p> <p><input type="checkbox"/> Chest physiotherapy</p>	<p>L 3</p> <p>P 6</p>

8	<p>IX. Oncology Nursing</p> <ul style="list-style-type: none"> • Epidemiology • Pathophysiology of malignant process • Types and stages of cancer • Detection and prevention of cancer • Diagnosis and management of cancer (i.e surgery, radiation therapy, chemotherapy, immunotherapy and bone marrow transplantation) • Practical: • Chemotherapy Administration 	<p>L 3</p> <p>P 6</p>
9	<p>X. Blood Disorders (Hematology)</p> <ul style="list-style-type: none"> • Overview of anatomy and physiology • Hematological studies • Management of blood disorders: anemias, thalassemia, polycythemia, thrombocytopenia, hemophilia, Vitamin K deficiency, leukemia and lymphomas • Practical <p>Blood Transfusion</p>	<p>L 3</p> <p>P 6</p>
10	X1 Final practical exam	
	XIII Final theory exam	
Total		<p>L 30hrs</p> <p>P 60 hrs</p>



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Short assessment 5 marks	3 th week	5%
2.	Individual Practice assignment 5 marks	4 th week	5%
3.	Midterm theory Exam 25 marks	6 th	25%
4	Hospital evaluation/clinical training 10 marks	7 -8-9 th weeks	10%
5	Attendance & participation 5 marks	During course	5%
6	Total= 50		50%
7	Final practice exam 20 marks	11 th Week	20%
8	Final Theory exam 30 marks	13 th week	30%
9	Total Final: 50 marks Total marks of subject are 100		50% 100%

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



E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	<ul style="list-style-type: none"> Heitkemper, Dirksen, Lewis, 01 December. (2017)., <i>Clinical Companion, Medical Surgical Nursing</i> 14th Ed. <i>Clinical Handbook for Brunner & Suddarth's Textbook of Medical-Surgical Nursing</i> Retrieved from www.jarir.com/English/Books <i>Clinical Cases: Medical Surgical Nursing Case Studies</i> Retrieved from www.jarir.com/English/Books
Supportive References	Hinkle, J.L. & Cheever, K.H. (2017)., <i>Medical-Surgical Nursing</i> , 14 th Ed. Retrieved from www.jarir.com/English/Books
Electronic Materials	<ul style="list-style-type: none"> www.emedicine.com www.ecc.cc.mo.us Medicare web site
Other Learning Materials	<ul style="list-style-type: none"> Professional standards/regulations of medical surgical nursing American Journal of Nursing Canadian Nurse Nursing Times Saudi Digital Library

3. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	<p>Classroom with 60 student capacity, equipped with traditional and smart resources.</p> <p>Laboratory with 30 student capacity equipped with relevant to nursing procedures and demonstration</p> <p>Clinical setting with training center that implement therapeutic milieu</p>
Technology equipment (projector, smart board, software)	<p>Computer lab.</p> <p>Blackboard software, Online connection, etc.</p> <p>Smart Board with ICT software and internet connection in the classrooms; audio speakers for voice amplification and audio streaming; lapel and handheld microphones for teacher and students.</p>
Other equipment (depending on the nature of the specialty)	<p>Library for nursing textbooks and learning resources</p> <p>Digital library</p>

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect (survey)
Effectiveness of student's assessment	Program Leaders	Direct
Quality of learning resources	Students	Indirect (survey)
The extent to which CLOs have been achieved	Faculty member	Direct
Instructor Assessment	Students	Indirect (survey)

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	