



Course Specifications

Course Title:	Medical Surgical Nursing-II
Course Code:	5601315-6
Program:	Bachelor
Department:	Nursing practices
College:	Nursing
Institution:	Umm Al-Qura University

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A. Course Identification

1. Credit hours:			
2. Course type			
a.	University <input type="checkbox"/>	College <input checked="" type="checkbox"/>	Department <input type="checkbox"/> Others <input type="checkbox"/>
b.	Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	
3. Level/year at which this course is offered: 3 rd Year-Second Semester			
4. Pre-requisites for this course (if any):			
<ul style="list-style-type: none"> • Human Anatomy. • Physiology. • Pharmacology. • Pathology. • Nutrition. • Health Assessment. • Evidence-Based Nursing. • Medical Surgical Nursing 1. • Fundamental of Nursing 1. • Fundamental of Nursing 2. 			
5. Co-requisites for this course (if any):			
<ul style="list-style-type: none"> • Clinical Aspect of Medical Surgical Nursing 1. • Pharmacology in Nursing and Drug doses calculation. • Pediatric nursing. • Health Education. 			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	Blended	30	40
3	E-learning	-	-
4	Distance learning	-	-
5	Other (practice; at faculty labs procedures demonstration and remonstrations, and clinical hospitals training).	120	60

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	40
3	Tutorial	-
4	Others (specify) Hospital clinical training, formal (OSCE) evaluation and Students Activities	80
	Total	150

B. Course Objectives and Learning Outcomes

1. Course Description

This course develops further the content and learning achievements acquired in medical-surgical nursing II. The objectives are to develop knowledge, skills, competency and attitude that are required to deliver high quality nursing. This involves knowledge and application of the nursing process, problem-solving, critical thinking and evidence for best practice. The course examines areas of illness prevention, disease recognition and treatment and rehabilitation. The specific healthcare areas included will be in the nursing care of clients with disorders of the renal, nervous, musculoskeletal, endocrine, cancer and integumentary systems, delivered within medical and surgical departments.

2. Course Main Objective

At the end of this course, the students will acquire cognitive, psychomotor and effective skills to enable delivery of nursing care modalities for clients with renal, nervous, musculoskeletal, endocrine, and integumentary disorders including clients with tumors. Medical-Surgical nursing practices are presented from the standpoints of the nursing process, evidence for best practice, critical thinking, problem solving techniques and principles of disease prevention and rehabilitative care

3. Course Learning Outcomes

CLOs		Aligned PLOs
	Course concern specific body Systems: Renal, Nervous, Musculoskeletal, Endocrine and Integumentary systems.	
1	Knowledge and Understanding	
1.1	Describe normal structures and functions of the body systems	1
1.2	Outline the pathophysiology of common health problems and the relevant diagnostic procedures	2
1.3	Recognize manifestations associated with health problems and their influencing factors	4
1.4	Illustrate the nursing diagnosis from interpretation patient and clinical data associated with health problems	3
1.5	Understand the therapeutic medical, surgical and nursing modalities for clients with disorders of these body systems	5
2	Skills :	
2.1	Apply safely principles of physical, psychosocial and rehabilitation care to clients with health disorders	4
2.2	Critically construct high quality nursing care based on prioritized patients' actual needs and possible risks in healthcare settings utilizing critical thinking and attentiveness	1
2.3	Translate the theoretical aspects of nursing care plan or nursing process for patients with the above conditions, into an appropriate safe nursing practice following underlying scientific and behavioral principles	2
2.4	Apply safety measurements and effective procedural techniques in undertaking relevant physiological/biochemical measurements	4
2.5	Demonstrate the best practices in health education, comprehensive preparation, explanation and support for patients undergoing diagnostic procedures	3

CLOs		Aligned PLOs
2.6	Employ current and evolving technologies and information systems to support safe delivery of nursing practice, and to enhance communication with patients, their families and the healthcare team	5
2.7	Demonstrate student leadership capabilities to contribute to the working practices of the multi-disciplinary healthcare team	6
3	Values:	
3.1	Demonstrate commitment to provide safe and evidence-based nursing measures required in the clinical settings with consideration of the professional, ethical, and legal standards..	3
3.2	Synthesize knowledge and skills gained throughout integrating ongoing lifelong learning strategies to support critical thinking and problem-solving skills and quality management in nursing practice	2
3.3	Exhibit respect and responsibility through adherence to the code professional standards of ethical healthcare	3

C. Course Content

No	List of Topics (Theory)	Contact Hours
1	<u>Introduction of the course</u>	
2	<u>Unit I</u> <u>Nursing Management of Clients with Urinary Disorders:</u> 1-Diagnostic procedures. 2-Signs and symptoms, etiology and treatment modalities of urinary disorders.	2
3	3-Disorders of the urinary Tract: <ul style="list-style-type: none"> ▪ Infection ▪ Obstruction / trauma. ▪ Malignancie 	2
4	4-Renal Failure	2
5	<u>Unit II</u> <u>Nursing Management of Clients with Neurological Disorders</u> 1-Diagnostic procedures, signs and symptoms, etiology and treatment modalities of neurological disorders.	2
6	2-Cerebrovascular accident.	2
7	3-Seizure disorders and Epilepsy. 4-Spinal cord injury	2
8	<u>Unit III</u> <u>Nursing Management of Clients with Musculoskeletal Disorders</u> 1- Diagnostic procedures, signs and symptoms, etiology and treatment modalities of musculoskeletal disorders.	2
9	2- Musculoskeletal traumatic disorders (Fractures). 3- Musculoskeletal metabolic disorders (Osteoporosis). 4- Musculoskeletal infectious disorders (Osteomyelitis).	2
10	<u>Unit IV</u>	2

	<u>Nursing Management of Clients with Endocrine Disorders</u> 1-Diagnostic procedures, signs and symptoms, etiology and treatment modalities of endocrine disorders. 2-Thyroid and parathyroid disorders.	
11	3- Diabetes mellitus.	2
12	<u>Unit V</u> <u>Nursing Management of Clients with Integumentary Disorders</u> 1- Diagnostic procedures, signs and symptoms, etiology and treatment modalities of integumentary disorders. 2- Care of clients with Burn.	2
13	<u>Unit VI</u> <u>Nursing Management of Clients with Tumor</u> 1-Overview about tumor. 2-Therapeutic modalities of cancer.	2
14	Care of clients after mastectomy.	2
15	<u>Unit V</u> <u>Nursing Management of Clients with Integumentary Disorders</u> 1- Diagnostic procedures, signs and symptoms, etiology and treatment modalities of integumentary disorders. 2- Care of clients with Burn.	2
No	List of Topics (Procedures demonstration and re-demonstration)	
1	<ul style="list-style-type: none"> ▪ Cystoscopy and Lumbar puncture. ▪ Catheterization of female bladder 	8
2	<ul style="list-style-type: none"> ▪ Application of Skin Traction and Care. ▪ Assist in Application of and Care of client with cast. 	8
3	<ul style="list-style-type: none"> ▪ Glucose test using Glucometer. ▪ Diabetic foot care 	8
4	<ul style="list-style-type: none"> ▪ Care of patient with burn. ▪ Care modalities after mastectomy Blood 	8
5	Clinical Training + Formal Evaluation	88
Total		150

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge and Understanding		
Course concern specific body Systems: Renal, Nervous, Musculoskeletal, Endocrine and Integumentary systems.			
1.1	Describe normal structures and functions of the body systems	<ul style="list-style-type: none">- Active Lectures.- Brain storming.- Small Group discussion.- Individual assignment	<ul style="list-style-type: none">- Midterm exam- Final written exam.- Oral clinical knowledge
1.2	Outline the pathophysiology of common health problems and the relevant diagnostic procedures		
1.3	Recognize manifestations associated with health problems and their influencing factors		
1.4	Illustrate the nursing diagnosis from interpretation patient and clinical data nursing diagnoses associated with health problems		
1.5	Understand the therapeutic medical, surgical and nursing modalities for clients with disorders of these body systems		
2.0	Skills		
2.1	Apply safely principles of physical, psychosocial and rehabilitation care to clients with health disorders	<ul style="list-style-type: none">-Active lectures.-Group discussion.-Individual assignment-Brain storming.-Demonstration-Remonstrations.-Role play.-Simulating practice.- Use of computer and software.	<ul style="list-style-type: none">*Midterm exam*Final written exam*Oral clinical skills knowledge assessment during hospital training.• Oral knowledge and clinical skills exam
2.2	Critically construct high quality nursing care based on prioritized patients' actual needs and possible risks in healthcare settings utilizing critical thinking and attentiveness		
2.3	Translate the theoretical aspects of nursing care plan or nursing process for patients with the above conditions, into an appropriate safe nursing practice following underlying scientific and behavioral principles		
2.4	Apply safety measurements and		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	effective procedural techniques in undertaking relevant physiological/biochemical measurements		
2.5	Demonstrate the best practices in health education, comprehensive preparation, explanation and support for patients undergoing diagnostic procedures		
2.6	Employ current and evolving technologies and information systems to support safe delivery of nursing practice, and to enhance communication with patients, their families and the healthcare team		
2.7	Demonstrate student leadership capabilities to contribute to the working practices of the multi-disciplinary healthcare team		
3.0	Values		
3.1	Demonstrate commitment to provide safe and evidence-based nursing measures required in the clinical settings with consideration of the professional, ethical, and legal standards..	<ul style="list-style-type: none"> - Lab demonstration. - Remonstration. - Clinical practice. - Team work. - Cooperative learning. 	<ul style="list-style-type: none"> - Observation/Interpersonal checklist. - Competency assessment (log book) - Documentation. - Formal Evaluation. - Clinical skills exam - Clinical skills knowledge evaluation
3.2	Synthesize knowledge and skills gained throughout integrating ongoing lifelong learning strategies to support critical thinking and problem-solving skills and quality management in nursing practice		
3.3	Exhibit respect and responsibility through adherence to the code professional standards of ethical healthcare		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Semester Clinical Activities <ul style="list-style-type: none"> Formal exam (20) Student activities. (20) Hospital/lab clinical experiences (60) 	6th-14th Week. Through Semester	25 %
2	Midterm Exam	8	15 %
4	Final Oral Exam(Knowledge skill evaluation)	10	10 %
4	Final Practical Exam	10	10 %
5	Final Theoretical Exam	17&18	40 %
	Total		100%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Each week all faculty staff are available at their scheduled office hours for students consultation with regard to academic needs and advices.

- Academic office hours: each teacher announces 2 hours per week.
- Academic advisor: each student has one teacher as academic advisor to help students progress in learning and solve any related problem.
- Referral system: for those students who are not respond to academic advising and need more help referred to the head of the department.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Smeltzer S. C. and Brenda G. Brunner & Suddarth's. (2013)Textbook of Medical Surgical Nursing. 13 th ed. Lippincotte, London.
Essential References Materials	-Karen M. Burke, et.al (2014) Medical Surgical Nursing Care, 3 rd .ed, Pearson New International. -Lewis, K. et.al (2014). Assessment and management of clinical problems. 9 th ed. Mosby Co. -Barbara, k. (2013). Workbook for introductory medical-surgical nursing, 11 th ed., Lippincott Wikkins & Williams.
Electronic Materials	Recommended Textbooks and Reference Material (Journals, Reports, etc.) <ul style="list-style-type: none"> • Lewis, K. et.al (2014). Assessment and management of clinical problems. 9th ed. Mosby Co. • Barbara, k. (2013). Workbook for introductory medical-surgical nursing, 11th ed., Lippincott Wikkins & Williams.
Other Learning Materials	<ul style="list-style-type: none"> ▪ Computer. ▪ Software. ▪ Data show

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms and labs with more large capacity to maintain recommended distance to prevent and control COVID-19. <ul style="list-style-type: none"> ▪ Two classrooms for (20) student in each one. ▪ Medical surgical nursing laboratory (20) student. ▪ Critical care laboratory (20) student. ▪ Fundamentals laboratory (20) student. ▪ Obstetric laboratory (20) student. ☒ Clinical hospitals setting (King Faisal Hospital, King Abd

Item	Resources
	Alaziz, Hearaha and El Noor specialized Hospital.)
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> • Smart board system is required in class room and laboratory. • Software access • Blackboard. • Web Sites. Google .com. • Up-to-date. • Lippincott, Williams & Wilkins.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ul style="list-style-type: none"> • There is a need for Computer and net access both in classroom and lab. • Computer-based programs or data base, video tapes, CD and video for procedures demonstration. • Model for Demonstration of traction bed and its equipment an cast materials.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Evaluation of the course	Students/ Course team members'	Direct feedback
Evaluation of Teaching	Program/Department Instructor.	Direct, and Indirect
Evaluation of Teaching	Course team members'	Direct feedback by course team members'.
Extent of achievement of course learning outcomes	Course team members'/Peer Reviewer	Direct final results of the students in the course.
Evaluation of exam papers, answer key, scripts of all failures and at least 20% of the other scripts. Moderation of OSCE.	Staff members	Answer key(Direct)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

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

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	