



دليل المعايير والمتطلبات الأكاديمية لمقرر خورزميات & بيئات متقدمة

المقررات الدراسية

المواد الدراسية

اسم المقرر	Course Name	Course Code	اجبارية / اختيارية	نظري / عملي	مساندة/تخصصية
التمريض الباطني العام	General Internal Medicine Nursing	SR203	اجبارية	نظري	تخصصية

وصف المقرر الدراسي*

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This course deals with the discussion and analysis of the pathophysiology of Cardiovascular diseases, Respiratory System disorders affecting Adolescents, Adult and Geriatrics. It also tackles the Nursing Process focused on altered state of health with emphasis on the plan of care of patient (Oxygenation). It also covers the physiology of the Endocrine System, the different disorders involved and the target glands affected. It also explains it's management and treatment of the disorders of the

أهداف المقرر*

.To equip the students with vital theories and concepts to critically analyze the health needs and concerns of sick individual

المعرفة والفهم*

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المهارات الذهنية

المصادر العلمية والمهنية

المهارات العامة والمنقولة

Students will be able to identify and recognize the subject matter that to be discussed through introduction and overview of the topic

Students will be able to outline and interrelate the discussion to the subject matter

Students will be able to performs specific procedures applicable to discussed abnormalities

Students will be able to demonstrate good learning behavior to develop comprehension on English instruction

To provide students with adequate knowledge regarding anatomy and physiology of each body system in relation to alteration and abnormalities

Student will be able to illustrate and distinguish the anatomy and physiology of an organ with abnormality in relation to present discussion

Students will be able to determine priority nursing care

Student will be able to value knowledge as a tool to achieve their own goals

To help student identify clinical manifestations of certain abnormalities and to distinguish appropriate nursing intervention

Summarization of the identified clinical manifestations for effective medical and nursing management

Identification of appropriate medications and laboratory test applicable to specific patient

To help students develop critical thinking in answering questions for examinations which are useful for future use

Students will be able to select appropriate nursing diagnosis that will guide them to formulate nursing care plan

Recognition of the importance of nursing care plan in relation tom patient care

students will be able to build professional relationship with fellow students, patients and hospital staffs

Students will be able to acquire knowledge and wisdom that they can integrate and apply to create a better nursing care to families and communities

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اساليب التعليم*

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المراجع والدوريات*

مكان تواجدها

الناشر

النسخة

المؤلف

عنوان المراجع

College library

Medical Publishing division

5th edition

Valerie Scanlon - Tina Sanders

Textbooks Essential of anatomy and physiology المقررة

Personal books	Prenhall publishing	5th edition	Barbara Kozier - Glenda Erb	Clinical nursing technique Medical Surgical Nursing
Personal books	Lemone publishing	3rd edition	Karen Burke	(Medical surgical nursing (critical thinking in client care
Personal books	Mosby	3rd edition	Gail Ladwig	Help books Nursing Diagnosis
online	Nurse educator	44	Marilyn Dermann Phd	Periodic Magazine Development and validation of the just culture assessment دورية tool for nursing education

المحتوى العلمي للمقررات الدراسية*

المعمل	المحاضرة	عدد الساعات	التمارين	الموضوع العلمي
0	2	2	0	ASSESSMENT - PHYSICAL EXAMINATION - DIAGNOSTIC TEST - TREATMENTS - NURSING DIAGNOSES -
0	2	2	0	COMMON ENDOCRINE DISORDERS a. Addison's disease b. Cushing Syndrome c. Diabetes insipidus -
0	2	2	0	INTRODUCTION I. RESPIRATORY DISORDER o Anatomy and physiology - Function of the lungs - Thoracic cavity - Subdivision of the lungs
0	2	2	0	o Factors affecting Airflow - Description - Cause of airway illness - Objectives of Care - Diagnostic Test o Thoracentesis/Brochoscopy -preparation - procedures
0	2	2	0	o MANAGEMENT OF CLIENT WITH RESPIRATORY SYSTEM DISORDER CHRONIC AIRFLOW LIMITATION - Pulmonary Emphysema Definition Etiology Manifestation Nursing intervention
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0	2	2	0	Chronic Bronchitis Definition Etiology Manifestation Nursing intervention -
0	2	2	0	(o Asthma Definition Etiology Manifestations Nursing intervention (status asthmaticus
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0	2	2	0	o COMPLICATIONS OF CHRONIC AIRFLOW LIMITATION - Cor pulmonale Definition Etiology Manifestations Nursing interventions
0	2	2	0	Carbon Dioxide narcosis /oxygen toxicity Definition Etiology Manifestation Nursing intervention -
2	2	4	0	o INFECTIOUS PULMONARY DISEASES -TUBERCULOSIS Definition Etiology Risk factor Manifestations Diagnostic test Nursing intervention Points to remember
0	2	2	0	PNEUMONIA Definition Etiology Personal risk Common manifestations Nursing intervention Points to remember -
2	2	4	0	o PULMONARY THERAPIES - CHEST PHYSIOTHERAPY Definition Procedure Contraindication - POSTURAL DRAINAGE Definition Nursing intervention - PULMONARY TOILET - INTERMITTENT POSITIVE PRESSURE BREATHING - IN
0	2	2	0	II. CARE OF CLIENTS WITH FLUID AND ELECTROLYTE ACID BASE IMBALANCE - INTRODUCTION - BODYFLUID COMPARTMENT ICF ECF - APPROXIMATE VOLUME OF BODY FLUIDS
0	2	2	0	REGULATION OF ECF COMPOSITION - FUNCTION OF WATER a. Sources of fluid intake b. Sources of fluid output - FUNCTION OF ELECTROLYTES - Sodium water regulation - Potassium regulation - Calcium regulati
0	2	2	0	Movement of fluid and electrolytes a. Diffusion b. Osmosis - Body fluid distribution a. Extracellular fluid Intravascular - fluid Interstitial fluid Transcellular fluid b. Intracellular fluid
2	2	4	0	FLUID IMBALANCE a. Hyperosmolar imbalance b. Hypo osmolar imbalance c. Isotonic volume deficit d. Isotonic - volume excess - OSMOLALITY
0	2	2	0	ELECTROLYTES - Normal range and functions of major electrolytes - ELECTROLYTE IMBALANCES a. Clinical - manifestation b. Collaborative management
0	2	2	0	III. NURSING CARE MANAGEMENT OF CLIENT WITH ENDOCRINE DISORDER - 3 MAJOR COMPONENTS - 8 MAJOR GLANDS - HORMONES
0	2	2	0	d. Diabetes mellitus e. Hyperparathyroidism f. Hypoparathyroidism g. Hyperthyroidism h. Hypothyroidism
0	2	2	0	IV. CARDIOVASCULAR DISORDERS - ANATOMY AND PHYSIOLOGY -SYSTEM FAILURE
2	2	4	0	DIAGNOSTIC PROCEDURES a. Laboratory test b. CVP c. ECG d. Angiography e. Cardiac catheterization -
0	2	2	0	A. Angina Pectoris -definition - Nursing intervention B. Myocardial Infarction - definition -causes -nursing intervention
0	2	2	0	B. Congestive Heart Failure - Definition - Types C. Arrhythmia - Definition - Types - Nursing management D. AV BLOCK E. VALVULAR DISORDER

