CAPITAL HEALTH SCHOOL OF NURSING
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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
1. Describe the pathophysiology of selected cardiac disorders 2. Identify the clinical manifestations of coronary artery disease 3. Discuss the various diagnostic procedures and related nursing interventions for selected cardiac disorders 4. Discuss the pharmacological agents used in the treatment of coronary artery disorders 5. Discuss nursing management of the Pre/Postoperative cardiac client	**(6)**	***Unit I A* -Cardiovascular disease** 1. **Coronary Artery Disease**- Atherosclerosis, Angina Pectoris, Myocardial Infarction 2. Pathophysiology 3. Diagnostic Procedures 3.1. Echocardiography 3.2. Electrocardiogram 3.3. Stress test 3.4. Myocardial perfusion imaging 3.5. Cardiac Catheterization 3.6. Laboratory Testing 4. Surgical interventions 5. Nursing Management 5.1. Assessment 5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influences 5.6. Gerontologic consideration 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Vasodilators 6.2. Ca Channel blockers 6.3. Beta Blockers	Lecture/Discussion Active Learning	***ATI Assignments, Saunders NCLEX (8th. ed.) and LaCharity Prioritization, Delegation, & Management questions*** **Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit VI Cardiovascular CH: 28-32 Chapters 28, 30, 32
1. Describe the pathophysiology in heart failure 2. Identify the clinical manifestations signs and symptoms of heart failure 3. Apply nursing interventions in the provision of nursing care to clients in heart failure	**(4)**	**Unit I B- Cardiovascular disease** 1. **Heart Failure related diseases**- Chronic, left sided, right sided, Cardiogenic Shock, Pericardial Effusion, Pulmonary Edema and Tamponade 2. Pathophysiology 3. Diagnostic Procedures 4. Surgical Interventions 5. Nursing Management 5.1. Assessment	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit VI Cardiovascular CH: 28-32 CH 30 & 32

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
4. Discuss the role of lifestyle choices, including diet related to congestive heart failure		5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influence 5.6. Gerontological consideration 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Diuretics 6.2. Cardiac glycosides 6.3. Vasodilators 6.4. vasopressors		
1. Discuss the pathophysiology in valve disease of the heart. 2. Discuss nursing management of the patient with cardiac infectious diseases and valve disorders. 3. Describe the gerontological considerations related to hart tissue and valves. 4. Discuss the patient education related to clients with infectious and valve disorders.	**(2)**	**Unit I C- Cardiovascular disease** **1. Infectious diseases and Heart Valve Disorders –** Endocarditis, myocarditis, Pericarditis, Mitral Valve Prolapse, Mitral Stenosis, Mitral Insufficiency, Aortic Stenosis and Aortic Insufficiency **2.** Pathophysiology 3. Diagnostic Procedures 4. Surgical Interventions 5. Nursing management 5.1. Assessment 5.2. Analysis 5.3. Nursing Interventions 5.4. Client Education 5.5. Cultural influence 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit VI Cardiovascular CH: 28-32 **Ch. 30**

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
		6.1. Antimicrobial 6.2. Anti-fungals		
1. Discuss the pathophysiology of the client with an arterial and venous disorder. 2. Identify anatomic and physiologic factors that affect peripheral blood flow and tissue oxygenation. 3. Compare the various disorders of the arteries, their causes, pathophysiological changes, clinical manifestations, management and prevention. 4. Discuss the pharmacological agents used in the treatment of vascular disorders 5. Discuss the role of lifestyle choices, including smoking and diet, in vascular disorders.	**(5)**	**Unit I D- Vascular Disorders** 1. **Disorders** – <u>hypertension, arterial disorders, venous disorders and peripheral vascular/arterial diseases</u>. 2. Pathophysiology 3. Diagnostic procedures 4. Surgical Interventions 5. Nursing management 5.1. Assessment 5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influences 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Antihypertensive 6.2. Antihyperlipidemic 6.3. Anticoagulants 6.4. Thrombolytics 6.5. Antiaggregant	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit VI Cardiovascular CH: 28-32 CH 30, 31
1. Discuss the pathophysiology underlying cardiac dysrhythmias. 2. Identify clinical manifestations of cardiac dysrhythmias. 3. Discuss the pharmacologic agents used in the treatment of dysrhythmias.	**(6)**	**Unit I-E Cardiac Dysrhythmias** 1. **Dysrhythmias** – <u>Sinus, atrial, nodal, junctional, ventricular and blocks</u>. 2. Pathophysiology 3. Diagnostic procedures 4. Surgical interventions 5. Nursing management 5.1. Assessment	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit VI Cardiovascular CH: 28-32 CH 29

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
4. Discuss the use of pacemakers and ICD devices in the treatment of cardiac dysrhythmias. 5. Discuss the patient education for the client with a pacemaker or ICD.		5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influences 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Anti-dysrhythmic **MATH QUIZ** **EXAM #1**		
1. Describe conflict resolution strategies. 2. Identify common sources of conflict in the workplace. 3. Discuss effective methods to resolve problems and conflicts in the healthcare setting.	**(2)**	**Unit II Leadership** Communication with healthcare providers- Conflict resolution	Lecture/Discussion Active Learning	**Required:** **Weiss, Tappen and Grimley** **Chapter.4** **Chapter.7** **Chapter 8**
1. Identify the current major safety goals. 2. Discuss the nurse's role in inter-professional quality improvement activities. 3. Discuss core measures. 4. Discuss root cause analysis (RCA) process helps understand near miss events or sentinel events. 5. Describe the use of benchmarking in healthcare. 6. Identify how patient satisfaction data is used in public reporting of quality care.	**(3)**	**Unit III- Improving organizational performance/quality improvement** 1. Key focus of performance improvement 2. Drivers of quality 3. Outcome measures 3.1. Use of outcome information 3.2. Core measure 3.3. Patient satisfaction reports 3.4. Driving forces for increasing patient satisfaction 4. Models of quality 5. Six Sigma 6. Risk management 6.1. Event reporting	Lecture/Discussion Active Learning	**Required:** **Weiss, Tappen and Grimley** **Chapter. 11** https://des.wa.gov/services/risk-management/about-risk-management/enterprise-risk-management/root-cause-analysis

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
7. Apply Failure Modes and Effects Analysis (FMEA) to a clinical situation.		6.2. Sentinel events 7. National patient safety goals 8. Root cause analysis (RCA) 9. FMEA		
1. Discuss the pathophysiology in selected upper respiratory tract disorders. 2. Identify the clinical manifestations of upper respiratory tract disorders. 3. Discuss alternative sources of nutrition for the post-op client with a laryngectomy. 4. Discuss discharge planning and client education related to the client with an upper respiratory tract disorders.	**(6)**	**Unit IV –A Pulmonary Disorders** 1. **Upper respiratory tract disorders** – Infections, obstruction, trauma, cancer of the larynx and laryngectomy. 2. Pathophysiology 3. Diagnostic procedure 4. Surgical intervention Laryngectomy 5. Nursing management 5.1. Assessment 5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influences 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit IV-A: Upper Pulmonary Disorders CH: 23 and 25
1. Discuss the pathophysiology of selected lower respiratory track disorders (LRT). 2. Describe nursing measures to prevent aspiration. 3. Identify the clinical manifestations in LRT disorders. 4. Discuss the role of lifestyle choices in COPD. 5. Discuss nutrition and diet therapy in COPD. 6. Discuss the pharmacologic agents used in the treatment of COPD	**(8)**	**Unit IV –B Pulmonary Disorders** 1. **Lower respiratory tract disorders** – atelectasis, pneumonia, tuberculosis, COPD, ARDS, pulmonary embolism, chest trauma, lung cancer 2. Pathophysiology 3. Diagnostic procedures 4. Surgical interventions – Thoracic surgery 4.1. Pre-op 4.2. Post-op 5. Nursing management - COPD 5.1. Assessment 5.2. Analysis 5.3. Nursing interventions 5.4. Client education	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit IV-B Lower Pulmonary Disorders CH: 24, 26, and 27

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
7. Discuss and describe the nursing role in discharge planning and patient education necessary in COPD.	**(1)**	5.4.1.Diet therapy – low carb, high fat 5.5. Cultural influences 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Mucokinetics 6.2. Bronchodilators 6.3. Oxygen **EXAM #2**		
1. Discuss the pathophysiology in HIV with the progression to AIDS. 2. Identify the clinical manifestations of HIV disease. 3. Discuss the client/family teaching. 4. Discuss the role of lifestyle choices in HIV disease.	**(6)**	**Unit V - A Immunologic Disorders** 1. Immunodeficiency's 2. Pathophysiology 2.1. Congenital 2.2. Acquired 2.3. Nutrition related 2.4. Secondary 3. Diagnostic procedures 4. Nursing management 4.1. Assessment – HIV/AIDS 4.2. Analysis 4.3. Nursing interventions 4.4. Client education 4.4.1. Diet therapy – high protein, calorie, vitamin c, low microbial 4.4.2.Diet problems 4.5. Cultural influences 4.6. Gerontological considerations 4.7. Lifestyle choices 4.8. Discharge planning	Lecture/Discussion Active Learning	**Required:** Hoffman: Davis Adv. For Medical Surgical Nursing Unit V-A Immunologic Disorders CH: 18, 19, 21, and 22

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
		5. Pharmacology 5.1. Antibiotics 5.2. Antifungal 5.3. antiviral		
	(2)	**Unit V – B Hypersensitivities** 1. Pathophysiology 2. Medical interventions 3. Nursing management 3.1. Assessment 3.2. Nursing interventions 3.3. Client education 4. Pharmacology 4.1. Antihistamines 4.2. bronchodilators	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition Chapter 18** **Chapter. 19**
1. Discuss the pathophysiology in selected autoimmune disorders. 2. Identify the clinical manifestations of Rheumatoid Arthritis and Systemic Lupus Erythematosus. 3. Discuss the pharmacologic agents used in the treatment of Rheumatoid Arthritis and Systemic Lupus Erythematosus. 4. Describe the patient-family teaching related to Rheumatoid Arthritis and Systemic Lupus Erythematosus.	**(4)**	**Unit V – C Autoimmune Disorders** 1. **Diseases** - Rheumatoid arthritis (R.A), Systemic lupus erythematous (SLE), Scleroderma (systemic sclerosis), Gout. 2. Pathophysiology 3. Nursing management 3.1. Assessment 3.2. Analysis 3.3. Nursing interventions 3.4. Client education 3.5. Cultural influences 3.6. Gerontological considerations 4. Pharmacology	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** **Chapter. 20** **Chapter 3**
1. Discuss the pathophysiology in cell growth in cancer. 2. Discuss the prevention and early detection of cancer.	**(4)**	**Unit VI – Oncology – A General Concepts in Oncology** 1. Pathophysiology – aberrant cell growth 2. Diagnostic procedures 3. Surgical interventions 4. Medical interventions	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** **Chapter 13**

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
3. Discuss health promotion and the role of lifestyle choices in the development of cancer. 4. Discuss the chemotherapeutic agents used in the management of cancer. 5. Describe the role of radiation therapy in the treatment of cancer. 6. Discuss surgery as an intervention in cancer. 7. Describe and discuss pre and post-op care for the client with a mastectomy and testicular surgery.		4.1. Chemotherapy 4.2. Radiation therapy 5. Nursing management 5.1. Assessment 5.2. Analysis 5.3. Nursing interventions 5.4. Client education 5.5. Cultural influences 5.6. Gerontological considerations 5.7. Lifestyle choices 5.8. Discharge planning 6. Pharmacology 6.1. Chemotherapeutic agents		**Chapter 65**
	(4)	**Unit VI – Oncology – B** 1. **Diseases-** <u>Breast cancer, Testicular cancer</u> 2. Pathophysiology 3. Surgical interventions- procedures and options 4. Nursing management 4.1. Assessment 4.2. Analysis 4.3. Nursing interventions 4.3.1.Pre–op 4.3.2.Post-op 4.4. Client education 4.5. Discharge planning 5. Pharmacology 5.1. Chemotherapy agents	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** **Chapter 65** **Chapter 66**
1. Describe and discuss the various oncologic emergencies. 2. Discuss the pharmacologic agents used in the treatment of SIADH.	**(2)**	**Unit VI – Oncology – C Oncologic Emergency** 1. Emergencies - <u>Superior vena cava syndrome, Spinal cord compression, Hypercalcemia, Pericardial effusion, DIC, SIADH</u> 2. Pathophysiology 3. Nursing management 3.1. Assessment 3.2. Analysis	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** **Chapter 8** **Chapter. 13**

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CONTENT OBJECTIVES	HRS	CONTENT	DELIVERY FORMAT	STUDENT ACTIVITY
		3.3. Nursing interventions 3.4. Cultural influences 3.5. Gerontological considerations 4. Pharmacology 4.1. Diuretics 4.2. Demeclocyline (Declomycin)		**Chapter 30** **Chapter 34** **Chapter 40, 41** **Chapter 5**
1. Discuss the philosophy and nursing role in hospice. 2. Discuss Durable Power of Attorney.	**(3)** **(1)**	**Unit VI – Oncology- D End of Life issues and Care** 1. Pathophysiology 2. Medical management 2.1. Palliative care 2.2. Hospice care 2.3. Advanced directives 2.3.1.Instructional directives 2.3.2.Durable power of attorney (DPOAHC) 3. Nursing management - Desired outcome for end of life 3.1. Psychosocial management 3.2. Cultural influences 3.3. Survivor bereavement 3.4. Professional practice issues/interdisciplinary measures **EXAM #3**	Lecture/Discussion Active Learning	**Required: Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition Chapter 5** **Weiss, Tappen and Grimley** **Chapter 3**
	(9)	**Unit VII Renal – A Renal Failure**	Lecture/Discussion Active Learning	**Required:**

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1. Discuss and describe the pathophysiology in renal failure. 2. Discuss associated diagnostic procedures. 3. Identify clinical manifestations of renal failure. 4. Discuss the pharmacologic agents used in renal failure. 5. Describe and discuss the process of hemodialysis. 6. Discuss the care of the client undergoing a kidney transplant.		1. Renal Failure – Acute Kidney injury (AKI), Chronic Renal Failure (CKD) 2. Pathophysiology 3. Diagnostic procedures 4. Surgical interventions 4.1. Kidney transplant 5. Medical interventions 5.1. Dialysis overview 5.2. Hemodialysis 5.3. Peritoneal dialysis 6. Nursing Management 6.1. Assessment 6.2. Analysis 6.3. Nursing interventions 6.4. Client education 6.4.1. Nutritional and diet therapy the role of protein, sodium, phosphorus, potassium and nitrogen balance. 6.4.2. Transplant Pre-op care 6.4.3. Transplant Post-op care 6.4.4. Transplant rejection 6.5. Cultural influences 6.6. Gerontological considerations 7. Pharmacology 7.1. Diuretics 7.2. Ion exchange resins 7.3. Antimicrobials 7.4. Transplant medications		**Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** Chapter 53 Chapter 54
1. Discuss the physiological changes that occur with burns. 2. Describe common clinical manifestations of burn injury. 3. Discuss nutritional issues for the client with burns.	**(8)**	**Unit VIII – Integumentary – Burns** 1. Pathophysiology 1.1. Clinical manifestations 2. Diagnostic Procedures 3. Surgical interventions 4. Nursing management 4.1. Assessment	Lecture/Discussion Active Learning	**Required:** **Hoffman Davis Advantage for Medical Surgical Nursing 2nd Edition** Chapter 62

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4. Discuss selected pharmacologic agents used to treat burn injury. 5. Discuss nursing considerations for surgical clients with burns. 6. Discuss Gerontologic consideration with burns.		4.2. Analysis 4.3. Client/family education 4.4. Gerontological considerations 5. Pharmacology 5.1. Silver sulfadiazine 5.2. Mafenide 5.3. Silver Impregnated dressings 5.4. Fluid management 5.5. Electrolyte management		
1. Discuss components of the interview process. 2. Develop a resume including objectives, qualifications, skills, experience, work history, education and training.	**(1.5)** **(1)**	**Unit IX– Career Planning** 1. The employment process 2. The Interview process 3. Resume` Writing **EXAM #4** **FINAL EXAM Unit I- IX**	Lecture/Discussion Active Learning	**Required:** **Weiss and Tappen** Chapter 14