

CCRI - NURSING PROGRAM

NURS 1020 - NURSING II

SYLLABUS C: LEARNER ACTIVITIES
SPRING 2010

EXAM	CLASS CONTENT	CLASS HOURS	INTERACTIVE LEARNING STRATEGIES	READING ASSIGNMENT	RESOURCE TECHNOLOGY
1	Care of the Patient with Hematological Disorders	3	<ul style="list-style-type: none"> Assess assigned patients for signs and symptoms of hematological disorders. Discuss health promotion behaviors for individuals prone to hematological disorders. Review laboratory diagnostic values specific to blood disorders. Review laboratory hematological values on assigned patient. Utilize the nursing process in the care of assigned patient with hematological disorder. Demonstrates clinical proficiency of NURS 1010 psychomotor skills Meets stated clinical objectives of IV Lab. 	<p>Lewis 7th Ed Ch. 30 Ch. 31 684 - 710 713 -737</p> <p>Karch Pharmacology 4th Ed. Ch. 49 807 - 823</p> <p>Grodner: 137 -140</p> <p>Straight A's: 450 - 466 469 - 473 475 - 477 480 - 488</p>	<p>NOTE: Except where noted, all titles are video cassettes. CAI = Computer Program</p> <p>IV Therapy & Central Venous Access Devices (Taylor's Video Guide to Clinical Nursing Skills) www.answers.com/topic/intravenous-therapy www.freenursetutor.com/</p>
1	Care of the Patient with Cardiovascular Problems	8	<ul style="list-style-type: none"> Discuss primary preventative care for individuals prone to cardiac problems. Discuss physiologic needs of patient with cardiac problems and formulate nursing measures to meet these needs according to Maslow's priorities. Analyze laboratory data for serum enzyme levels. Assess for chest pain and analyze cause of pain and pathology leading to pain. Discuss drug therapy for the relief of chest pain. Identify stressors that sudden cardiac illness such as acute MI may have on a patient's self-concept. Discuss secondary prevention for a patient with congestive heart failure. Administer cardiac medications and monitor response to drug therapy. Discuss dietary needs of a patient with CHF. Discuss cultural and economic factors that can influence dietary restrictions. 	<p>Lewis: Ch. 32 Ch. 36: 842 - 850, 852 Ch. 34: 784 - 808, 810 - 820 Ch. 35 Ch. 37: 865 -881, 883 - 885</p> <p>Karch: Ch. 44: 709 - 726 Ch. 46: 747 - 761 Ch. 47: 763 - 781</p> <p>Grodner: 447-460 462-466</p> <p>Straight A's: 1 - 15, 25 - 38, 54 - 56, 60 -62, 64 (a. fib), 74 -77</p>	<p>BN-124V Assessment Review Series: Cardiac System (30) BN-197V Physical Examination & Health Assessment: Cardiovascular System: Heart and Neck (20) BN-232V Nurse's Assessment: Cardiac Signs & Symptoms (30) www.skillstat.com/learn.htm www.skillstat.com/ECG_Sim_demo.html www.americanheart.org</p> <p>Heart Sounds - Available online through 1020 WebCT</p>

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1	Care of the Patient with Peripheral Vascular Disease	3	<ul style="list-style-type: none"> Discuss nursing care of a patient with a peripheral vascular disorder. Write a nursing care plan for a particular patient with PVD. Practice palpating peripheral pulses on assigned patients. Demonstrate use of a Doppler to ascertain peripheral pulses. Utilizing nursing process develop a care plan for a patient with hypertension. Discuss the normal coagulation process and effects of anticoagulation therapy on assigned patient receiving anticoagulants. 	<p>Lewis: Ch. 34: 785 - 786 Ch. 38: 892 -893 900 - 924 Ch. 33</p> <p>Karch: Ch. 43: 683 - 707 Ch. 47: 763 - 781 Ch. 48: 783 - 805</p> <p>Grodner: 447 - 458</p> <p>Straight A's: 22 -25, 48 - 53, 71 -73</p>	<p>BN-127V Assessment Review Series: Vascular System (30) BN-233V Nurse's Assessment: Vascular Signs & Symptoms (30)</p> <p>www.americanheart.org/presenter.jhtml?identifier=4692</p> <p>http://www.vdf.org/</p>
2	Care of the Patient with Upper Respiratory Disorders	2	<ul style="list-style-type: none"> Implement a plan of care for patient having an obstructive disorder of the Upper Airway. Discuss ways the nurse can assist the patient with altered self-concept related to tissue trauma of the nose or throat. 	<p>Lewis: Ch. 26 Ch. 27</p> <p>Karch Ch. 54: 877 - 897</p> <p>Straight A's: 87 -88, 111-113</p>	<p>www.nhlbi.nih.gov/health/dci/Diseases/SleepApnea/SleepApnea_Signs.html</p> <p>http://www3.niaid.nih.gov/topics/sinusitis/</p>
2	Care of the Patient with Lower Respiratory Disorders	8	<ul style="list-style-type: none"> Assess the patient with respiratory dysfunction utilizing inspection and auscultation. Discriminate between normal and abnormal breath sounds in assigned patients. Identify and utilize interventions for a patient with respiratory dysfunction. Assign students to care for a patient receiving oxygen therapy. Manipulate suction equipment and artificial airways in the college lab. Meets stated clinical objectives of Respiratory Lab. Utilize simulation exercises to recognize and treat patients with respiratory dysfunction. 	<p>Lewis: Ch. 26 Ch. 28: 560 - 600 604 - 606 Ch. 29: 607 - 655 661 - 663 Ch. 17: 333- 338</p> <p>Karch Ch. 55: 899 - 922</p> <p>Grodner: 460 - 466</p> <p>Straight A's: 78 - 86, 90 - 92, 94 - 100, 103 -111, 119-121, 124 -127</p>	<p>BN-125V Assessment Review: Respiratory System (35) BN-234V Nurse's Assessment: Respiratory Signs & Symptoms (30) MS-220V Pathophysiology for Nurses: Asthma, Emphysema, and Chronic Bronchitis (30) MS-221V Expert Drug Therapy: Asthma, Emphysema, and Chronic Bronchitis (30) MS-224V Performing Respiratory Assessment (30) (Expert Nurse Video Series) MS-238V Closed Chest Drainage (35) MS-240V Oxygenation (Taylor's Video Guide to Clinical Nursing Skills) (28) MS-241V Tracheostomy Care (Taylor's Video Guide to Clinical Nursing Skills) (22)</p> <p>Lung Sounds - Available online through 1020 WebCT</p>

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2	Care of the Patient with Diabetes Mellitus	4	<ul style="list-style-type: none"> Following assessment of the patient's knowledge regarding diabetes management, develop a plan to address one of the following areas: <ul style="list-style-type: none"> Understanding of diabetes mellitus including signs and symptoms of complications Skin care Uses of antidiabetic agents Nutrition Improvement of lifestyle (exercise, travel) Administer insulin Review the technique for blood glucose monitoring Demonstrate use of glucometer Utilize simulation exercises to recognize and treat hyper/hypoglycemia. Access educational materials and community resources for the diabetic patient. 	<p>Lewis Ch. 49</p> <p>Karch: Ch. 38: 599 - 618</p> <p>Grodner: 421 - 446</p> <p>Straight A's: 322 -325</p>	<p>MS-231V Diabetes: Physiology of Glucose Regulation (14)</p> <p>MS-232V Diabetes: Pathophysiology of Diabetes (24)</p> <p>MS-233V Diabetes: Nutrition Therapy, Exercise, and Sick Day Management (28)</p> <p>MS-234V Diabetes: Insulin and Oral Antidiabetic Agents (26)</p> <p>MS-235V Diabetes: Hypoglycemia, Hyperglycemia, & Monitoring (26)</p> <p>MS-236V Diabetes: Neuropathy, Nephropathy, and Retinopathy (25)</p> <p>MS-237V Diabetes: Cardiovascular Disease & the Diabetic Foot (23)</p> <p>www.diabetes.org/</p>
3	Care of the Patient with an Endocrine Disorder	3	<ul style="list-style-type: none"> Assess a patient with endocrine dysfunction. <ul style="list-style-type: none"> Collect subjective and objective data including diagnostic test results and relate to pathophysiology. Develop a teaching plan to assist the patient to achieve self-management of chronic endocrine disease in relation to one or more of the following: <ul style="list-style-type: none"> Lifelong hormonal replacement Adjustment to new dietary requirements Coping with stress and lifelong changes 	<p>Lewis: Ch. 48 Ch. 49: 1297 - 1322</p> <p>Karch: Ch. 36: 561 - 575 Ch. 37: 577 - 597</p> <p>Straight A's: 285 - 295, 299 - 320, 333 -335</p>	<p>BN-236V Nurse's Assessment: Endocrine Signs & Symptoms (30)</p> <p>www.endocrine.niddk.nih.gov/</p> <p>http://www.endotext.com/</p>
3	Care of the Patient with a Neurological Disorder	8	<ul style="list-style-type: none"> Assess the neurological patient's needs using Maslow's hierarchy of needs. Perform a neurological assessment on an assigned patient. Discuss the rationale for the nursing interventions applied for a patient with increased ICP. Identify assessment findings for the different types of seizures and nursing care of patient during a seizure. Discuss the effects of degenerative diseases on patient and family. Discuss psychological aspects on interference with neurological function. 	<p>Lewis: Ch. 56 Ch. 57: 1467 - 1487 1493 -1501 Ch. 59 Ch. 60 Ch. 61: 1585 - 1587</p> <p>Karch : Ch. 19 301 - 312 Ch. 23: 365 - 384 Ch. 24: 385 - 397 Ch. 26 426 -430</p> <p>Straight A's: 128 - 141, 144- 163, 174 - 175 180 - 182, 184 - 187</p>	<p>BN-235V Nurse's Assessment: Neurological Signs & Symptoms (30)</p> <p>BN-242V Caring for Individuals with Cognitive and Sensory Challenges: Cognitive Impairment (29)</p> <p>www.ninds.nih.gov/</p> <p>http://www.thebrainmatters.org/go/home</p> <p>http://www.nlm.nih.gov/medlineplus/epilepsy.html</p>

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3	Care of the Patient with a Stroke	2	<ul style="list-style-type: none"> • Discuss the multidisciplinary approach to the plan of care for a client with language/speech dysfunction, hemiparesis, hemiplegia. • List steps in bladder training to resolve incontinence after CVA. • Implement a teaching plan for the CVA client. • Differentiate between treatment of acute CVA versus the rehabilitation phase. • Discuss the physical and psychosocial effects of a patient with a stroke. 	<p>Lewis: Ch. 58</p> <p>Karch: Ch. 48: 783 - 805</p> <p>Grodner: 386 - 390</p> <p>Straight A's: 163 - 166, 143 -144</p>	<p>BN-057V Technology for Physically Challenged: Upper Extremity Adaptations (28)</p> <p>BN-058V Technology for Physically Challenged: Lower Extremity Adaptations (30)</p> <p>BN-092V Alterations in Communication: Aphasia (33)</p> <p>www.strokeassociation.org</p>
4	Care of the Patient with a Musculoskeletal Disorder	7	<ul style="list-style-type: none"> • Incorporate principles of Maslow's hierarchy of needs in the care of the patient with musculoskeletal disorders. • Discuss principles of crutch walking. • Discuss care of the patient with total knee or total hip replacement. • Discuss assessment and care of patients in traction or external fixation. 	<p>Lewis: Ch. 62 Ch. 63 Ch. 64: 1168 - 1675 1675 - 1681 1684 - 1692 Ch. 65: 1693 - 1711 1715 - 1722 1727 - 1728</p> <p>Karch: Ch. 16: 249 - 265 Ch. 26: 413 - 425</p> <p>Straight A's: 379 - 409 417 - 426</p>	<p>BN-129V Assessment Review: Musculoskeletal System (30)</p> <p>BN-198V Physical Examination & Health Assessment: Musculo-skeletal System (23)</p> <p>www.nlm.nih.gov/medlineplus/tutorials/fracturesandsprains/html/index.htm</p> <p>www.nlm.nih.gov/medlineplus/hipreplacement.html</p>
4	Care of the Patient with a Renal Disorder	5	<ul style="list-style-type: none"> • Assess assigned patient to determine status of renal and urinary function. • Discuss procedures and care for patient with disorder of urinary or renal function. 	<p>Lewis: Ch 45 Ch. 46: 1154 -1175 1180 - 1188 Ch. 61: 1604 -1605 Ch. 47: 1197 - 1204 Ch. 55: 1414 - 1422</p> <p>Karch: Ch. 51: 835 - 850 Ch. 52: 851 - 866</p> <p>Grodner: 467 - 470, 478 -485</p> <p>Straight A's: 336 - 346 349 - 351, 353 - 364 369 - 378</p>	<p>BN-078V Body Fluids: The Critical Balance, Part 2 (17)</p> <p>BN-130V Assessment Review Series: Reproductive and Urinary System (30)</p> <p>CAI: Fluid & Electrolytes Electronic Learning Program</p> <p>CAI: Clinical Simulations in Critical Care Nursing Renal/GI Systems Management of Adult Pt. w/ Acute Renal Dysfunction Pt. w/ Renal Failure Secondary to Acute Myocardial Infarction</p> <p>http://kidney.niddk.nih.gov/kudiseases/a-z.asp</p> <p>www.nkdep.nih.gov/</p>

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4	Care of the Patient with Cellular Proliferation (Cancer)	6	<ul style="list-style-type: none"> • Discuss diagnostic tests used to identify oncologic disorders. • Plan nursing care for a patient receiving radiation therapy. • Plan nursing care for a patient receiving chemotherapy. • Discuss your attitude toward cancer and toward your patients with cancer. • How do these feelings affect your patient care and the response of your patient? • List interventions to meet psychosocial needs of the oncologic patient. • Compare nursing interventions involved with each of four treatment modalities: surgery, radiation therapy, chemotherapy, and immunotherapy. • Discuss pain management for the oncologic patient. 	<p>Lewis: Ch. 16</p> <p>Karch: Ch. 7: 77 - 85 Ch. 14: 203 - 233</p> <p>Grodner: 486 - 495</p>	<p>MS-187V Radiation Therapy: Cancer and You (8) MS-206V Cancer: Evolution To Revolution (30)</p> <p>www.cancer.org</p> <p>www.cancersymptoms.org/</p> <p>www.oncolink.com/</p> <p>www.cdc.gov/nccdphp/publications/aag/dcpc.htm</p>
5	Care of the Patient with an Upper GI Problem	4	<ul style="list-style-type: none"> • Discuss preparation of patients for diagnostic procedures of the GI tract. • Perform assessment of a patient following gastric surgery. • Discuss nursing care of the patient following gastric surgery. 	<p>Lewis: Ch. 39 Ch. 40: 961 - 964 Ch. 41 Ch. 42</p> <p>Karch: Ch. 56: 925 - 932 Ch. 57: 933 - 951 Ch. 59: 969 - 979</p> <p>Grodner: 386 - 395</p> <p>Straight A's: 216 - 230 233 - 234, 239 -246, 275 - 277</p>	<p>BN-196V Physical Examination & Health Assessment: Abdomen (20)</p> <p>www.nlm.nih.gov/medlineplus/weighthtlossurgery.html</p> <p>http://digestive.niddk.nih.gov/ddiseases/pubs/gerd/index.htm</p>
5	Care of the Patient with Lower GI Disorders	4	<ul style="list-style-type: none"> • Discuss the nursing care of patients with diagnosis of lower GI disorder. • Identify the nursing assessment needed with alterations in elimination. • Contrast and compare nursing interventions involved with various alterations in elimination. 	<p>Lewis: Ch. 39 Ch. 43</p> <p>Karch: Ch. 57: 948 - 951 Ch 58: 953 - 967</p> <p>Grodner: 397 - 404</p> <p>Straight A's: Ch 5 236 - 237 246 - 261, 277 - 284</p>	<p>BN-255V Ostomy Self-Care Guide, An (ConvaTec Sure-fit Autolock) (10) BN-256V Living with An Ostomy: Colostomy (10); Ileostomy (19); Urostomy (14) BN-267V Indwelling & Intermittent Catheters (Taylor's Video Guide to Clinical Nursing Skills) (30) MS-219V Caring for the Stoma, Caring for the Patient: Entero-stomal Therapy Nursing (23)</p> <p>www.ccfa.org/info/about/ucp</p>

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5	Care of the Patient with a Biliary and/or Pancreatic Disorder	2	<ul style="list-style-type: none"> Utilize Maslow's hierarchy of needs in identifying needs of the patient with impairment of pancreatic and biliary functions. Discuss the dietary regimen for the patient with cholecystitis. 	<p>Lewis: Ch 39: 930 -934 940 -947 Ch. 44: 1118 - 1134</p> <p>Karch Ch. 57: 948 - 950</p> <p>Grodner: 413 - 420</p> <p>Straight A's: Ch 5 230- 233 261 -267</p>	<p><u>Optional Video:</u> (Available Newport Only) On the Cutting Edge: Laproscopic Cholecystectomy</p> <p>www.aafp.org/afp/20070515/1513.html</p>
5	Care of the Patient with a Hepatic Disorder	3	<ul style="list-style-type: none"> Write a nursing care plan for the patient with liver dysfunction using nursing process and prioritize needs according to Maslow's hierarchy of needs. 	<p>Lewis: Ch. 39: 930 -934 940 -947 Ch 44: 1087 - 1118</p> <p>Grodner: 405 - 413</p> <p>Straight A's: Ch 5 267- 274</p>	<p>www.cdc.gov/hepatitis/index.htm</p> <p>http://www.liverfoundation.org/</p> <p>http://www.hepfi.org/</p>
Final Exam Only	Care of the Patient with Eye Problems	2	<ul style="list-style-type: none"> Identify medical and surgical interventions used to treat eye dysfunctions: visual acuity, infections and injuries, cataracts, glaucoma. Utilize Maslow's hierarchy of needs in assessing the patient with impaired vision. 	<p>Lewis: Ch. 21: 398 - 408 Ch.22: 416 -437</p> <p>Karch: Appendix C: 1020 - 1024</p> <p>Straight A's: 188 - 208</p>	<p><u>BN-241V</u> Caring for Individuals w/Cognitive & Sensory Challenges: Visual Impairment (22)</p> <p>www.nei.nih.gov/photo/sims/index.asp</p> <p>www.nei.nih.gov/photo/sims/index.asp</p>
Final Exam Only	Care of the Patient with Ear Problems	1	<ul style="list-style-type: none"> Identify medical, mechanical, and surgical interventions used to treat ear dysfunctions: hearing loss, infections, Meniere's disease. Utilize Maslow's hierarchy of needs in assessing the patient with impaired hearing. 	<p>Lewis: Ch. 21: 408 - 415 Ch. 22: 438 -447</p> <p>Straight A's : 192 - 194, 197 - 215</p>	<p><u>BN-240V</u> Caring for Individuals w/Cognitive & Sensory Challenges: Hearing Impairment (18)</p> <p>www.nidcd.nih.gov/health/hearing/hearingaid.asp</p>

N.B. Progression to the second level is dependent upon passing theory and clinical (including math competency examinations). Failure in either clinical or theory will result in a failing grade in the course. In the event of a failing grade, both clinical and theory components would need to be repeated in order to continue in the nursing program.