

LSC Use Only Proposal No:
LSC Action-Date:

UWUCC Use Only Proposal No: 12-697
UWUCC Action-Date: AP-2/12/13 Senate Action Date: App-2/26/13

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

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Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

1. Course Proposals (check all that apply)

- New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

Current course prefix, number and full title: NURS 436 Adult Health II

Proposed course prefix, number and full title, if changing:

2. Liberal Studies Course Designations, as appropriate

This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

- Learning Skills Knowledge Area Global and Multicultural Awareness Writing Across the Curriculum (W Course)
 Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)
 Global Citizenship Information Literacy Oral Communication
 Quantitative Reasoning Scientific Literacy

3. Other Designations, as appropriate

- Honors College Course Other: (e.g. Women's Studies, Pan African)

4. Program Proposals

- New Degree Program Catalog Description Change New Track Other
 New Minor Program Program Title Change Liberal Studies Requirement Changes in Program

Current program name:

Proposed program name, if changing:

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	Theresa Gropelli	2/23/12
Department Chairperson(s)	Elizabeth Palmer	10/3/12
College Curriculum Committee Chair	Don Kuchter	11/12/12
College Dean	Mary E. Suran	11/14/12
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)		
Additional signatures (with title) as appropriate:		
UWUCC Co-Chairs	Gail Sedquist	2/14/13

Received

Please Number All Pages

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FEB 14 2013

JAN 28 2013

NOV 15 2012

Liberal Studies

Liberal Studies

Liberal Studies

Part II. Description of the Curriculum Change

1. New syllabus of record:

I. CATALOG DESCRIPTION

NURS 436 Adult Health II

4 class hours
0 lab hours
4 credits
(4c-0l-4cr)

PREREQUISITES: NURS 312, 316, 330, 331, 332, 333, 336, 337 or permission

COREQUISITES: NURS 412, 437, and 440

Focuses on the adult and older adult, family, and community with critical and/or complex health problems with a patient centered approach to nursing care. Emphasizes the relationships among clinical manifestations of disease states, treatment, cultural influences and associated nursing responsibilities. Focuses on utilizing their knowledge base of diagnostics, pharmacology, interventions, and rehabilitation needs through critical reasoning to plan the care of patients with critical and/or complex health problems. Emphasizes the incorporation of evidence-based practice interventions into nursing practice.

II. COURSE OUTCOMES

Students will be able to:

1. Explain the etiology, pathophysiology, clinical manifestations, and treatment of specific critical and/or complex disorders affecting adults and older adults.
2. Analyze individual/family/community needs for nursing care based on patient responses to critical and/or complex disease states.
3. Apply appropriate nursing interventions, including physiological and psychological rationale, for individuals with specific critical and/or complex health problems.
4. Analyze the influence of culture and diversity for adults and older adults with critical and/or complex health problems.
5. Deliver optimal adult and older adult nursing care through incorporating evidence-based practice.
6. Describe the physiologic effects of therapeutic drugs and associated nursing responsibilities.

III. COURSE OUTLINE

Problems Related to Physiologic Homeostasis (Unit 1)

- | | |
|--|------|
| <p>A. Electrolyte imbalance</p> <ol style="list-style-type: none"> 1. Etiology/pathophysiology 2. Effects of aging 3. Clinical manifestations 4. Interdisciplinary care and communication 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors. 6. Discharge planning/home care 7. Evidence-based practice considerations | 1 hr |
| <p>B. Introduction to cardiac arrhythmias and hemodynamic monitoring</p> | 3 hr |
| <p>C. Shock (hypovolemic, cardiogenic, anaphylactic, distributive)</p> <ol style="list-style-type: none"> 1. Etiology/pathophysiology 2. Effects of aging 3. Clinical manifestations 4. Interdisciplinary care and communication 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors. 6. Discharge planning/home care 7. Evidence-based practice considerations | 3 hr |

Problems with Cardiac Function (Unit II)

- | | |
|---|------|
| <p>A. Myocardial Infarction</p> <ol style="list-style-type: none"> 1. Etiology/pathophysiology 2. Effects of aging 3. Clinical manifestations 4. Interdisciplinary care and communication 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors. 6. Discharge planning/home care 7. Evidence-based practice considerations | 3 hr |
| <p>B. Acute Heart Failure</p> <ol style="list-style-type: none"> 1. Etiology/pathophysiology 2. Effects of aging 3. Clinical manifestations 4. Interdisciplinary care and communication 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors. | 2 hr |

- 6. Discharge planning/home care
- 7. Evidence-based practice considerations
- C. Cardiac Rehabilitation 1 hr
 - 1. Exercise program
 - 2. Dietary changes
 - 3. Recognition of stressors/stressor reduction
- D. Cardiac Myopathies and Valvular Disease 3 hr
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- E. Aortic Aneurysm, Aortic Dissection 2 hr
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations

Exam (Unit I and II) 1 hr

Problems Related to Oxygenation (Unit III)

- A. Complex Respiratory Diseases 3 hr
(Acute Respiratory Failure, ARDS, Pulmonary Emboli, Pneumothorax)
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations

Problems with Liver/Biliary Function (Unit IV)

- A. Cirrhosis and GI Bleed 3 hr
 - 1. Etiology/pathophysiology

- 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- B. Liver Failure** 1 hr
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- C. Hepatitis A, B, C** 1 hr
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- D. Cholecystitis and Pancreatitis** 1 hr
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- Exam (Unit III and IV)** 1 hr
- Problems with Renal Function (Unit V)** 2 hr
- A. Electrolyte Imbalances/IV Tonicities**
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication

5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations
- B. Acute Renal Failure/ Acute Kidney Injury (ATN, Glomerulonephritis) 3 hr
1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations
- C. Chronic Renal Failure 2 hr
1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations

Problems of the Immune System (Unit VI)

- A. Hypersensitivity/Allergic Reactions 2 hr
1. Types I – III (antibody based)
 - a. Local and systemic anaphylaxis
 - b. Blood transfusion reactions
 - c. Immune complex
 2. Etiology/pathophysiology
 3. Effects of aging
 4. Clinical manifestations
 5. Interdisciplinary care and communication
 6. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 7. Discharge planning/home care
 8. Evidence-based practice considerations
- B. Transplantation 1 hr
1. Immunologic principles of organ transplant
 2. Transplant rejection (Type IV hypersensitivity)
 3. Etiology/pathophysiology
 4. Effects of aging

- 5. Clinical manifestations
 - 6. Interdisciplinary care and communication
 - 7. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 8. Discharge planning/home care
 - 9. Evidence-based practice considerations
- C. Human Immunodeficiency Viral Infection** 2 hr
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- Exam (Units V and VI)** 1 hr
- Problems of Neurologic Function (Unit VII)**
- A. Cerebral Vascular Accidents** 2 hr
- 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 6. Discharge planning/home care
 - 7. Evidence-based practice considerations
- B. Increased Intracranial Pressure** 2 hr
- 1. Etiology
 - a. Tumors
 - b. Infection
 - c. Traumatic Brain Injury
 - 2. Pathophysiology
 - 3. Effects of aging
 - 4. Clinical manifestations
 - 5. Interdisciplinary care and communication
 - 6. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 - 7. Discharge planning/home care
 - 8. Evidence-based practice considerations
- C. Spinal Cord Injuries** 2 hr

1. Etiology
 - a. Trauma
 - b. Infection
 2. Pathophysiology
 3. Effects of aging
 4. Clinical manifestations
 5. Interdisciplinary care and communication
 6. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 7. Discharge planning/home care
 8. Evidence-based practice considerations
- D. Neurological Disorders (Multiple Sclerosis, Parkinson's Disease) 2 hr**
1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations
- E. Neuromuscular Disorders (Myasthenia Gravis, Guillian Barre) 2 hr**
1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations
- Problems with Integumentary Functioning (Unit VIII) 3 hr**
- A. Burns**
1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Interdisciplinary nursing care including interventions, patient teaching quality and safety considerations, cultural considerations, social concerns and individual stressors.
 6. Discharge planning/home care
 7. Evidence-based practice considerations

Exam (Units VII & VIII)	1 hr
Finals Week: Final Exam	2 hr

III. EVALUATION METHODS

An example evaluation method is as follows:

Exam 1 – 20%
Exam 2 – 20%
Exam 3 – 20%
Exam 4 - 20%
Final Exam – 20%

IV. EXAMPLE GRADING SCALE

A	90-100%
B	80-89 %
C	70-79 %
D	60-69 % or an average on course exams of 60-69%
F	Less than 60% or an average on course exams less than 60%

NOTE: for a student whose exam grade is less than a 70% average, a grade of D/F will be assigned regardless of performance on written assignments or class projects. To progress in the Nursing Program, the student must achieve a 70% average grade (C) or higher on the course exams and satisfactorily complete all assignments. Please see the Department Academic Progression and Graduation Policy.

V. UNDERGRADUATE COURSE ATTENDANCE POLICY

The undergraduate course attendance policy will be consistent with the university undergraduate attendance policy included in the Undergraduate Catalog.

VI. REQUIRED TEXTBOOK(S), SUPPLEMENTAL BOOKS AND READINGS

Lewis, S., Heitkemper, M., Dirksen, S., O'Brien, P., & Bucher, L. (2011). *Medical-surgical nursing assessment and management of clinical problems* (8th ed.). St.Louis, MO:

Mosby Elsevier.

Lewis, S., Heitkemper, M., Dirksen, S., O'Brien, P., & Bucher, L. (2011). *Study guide for medical- surgical nursing: Assessment and management of clinical problems*. (8th ed.).

St. Louis, MO: Mosby Elsevier.

VII. SPECIAL RESOURCE REQUIREMENTS

None.

VIII. BIBLIOGRAPHY

AACN Practice Alert: Ventilator associated pneumonia. (2008). *Critical Care Nurse*, 28(3), 83-85.

Ali, B., & Gray-Vickrey, P. (2011). Acute kidney injury. *Nursing*, 41(3), 22-32.

Brenner, Z., & Krenzer, M. (2010). Understanding acute pancreatitis. *Nursing*, 40(1), 32-38.

Castner, D. (2010). Understanding the stages of chronic kidney disease. *Nursing*, 40(5), 25-32.

Cooper, E. (2008). VRE: How you can stop the spread of this drug-resistant organism. *RN*, 71(2), 27-31.

Crawford, A., & Harris, H. (2011). I.V. fluids: What nurses need to know. *Nursing*, 41(5), 30-40.

Curtain, L. (2011). Preventing ventilator-associated pneumonia: A nursing intervention bundle. *American Nursing Today*, 6(3) 9-11.

Culleiton, A., & Simko, L. (2011). Keeping electrolytes & fluids in balance: Part I. *Nursing 2011 Critical Care*, 6(2), 30-35.

Gallagher, J., Novasel, S., Mcvoy, C., & Maida, K. (2011). Implementing heart failure education for nurses to improve outcomes. *Heart Lung*, 40(4), 378-379.

Gray, A., Hart, M., Dalrymple, K., & Davies, T. (2008). Promoting safe transfusion practice: Right blood, right patient, right time. *British Journal of Nursing*, 17(13), 812-816.

Harris, H. (2010). Understanding acute pancreatitis. *Nursing 2010 Critical Care*, 5(6), 28-33.

Kirton, C. (2008). Managing long-term complications of HIV infection. *Nursing*, 38(8), 44-51.

- Kirton, C. (2011). The changing epidemic HIV. *Nursing*, 41(1), 36-44.
- Lian, J. (2010). Managing a patient with ARDS: Part I. *Nursing 2011 Critical Care Nursing*, 5(6), 17-24.
- Lian, J. (2011). Managing a patient with ARDS: Part 2. *Nursing 2011 Critical Care*, 6(1), 31-40.
- Luttenberger, K. (2010). Battling VAP: From a new angle. *Nursing*, 40(2), 52-55.
- Martchev, D. (2008). Improving quality of life for patients with kidney failure. *RN*, 71(4), 31-37.
- Mink, G., & Miller, J. (2011). Opening the window of opportunity for treating acute ischemic stroke. *Nursing*, 41(1), 24-33.
- Mink, G., & Miller, J. (2011). Respond aggressively to hemorrhagic stroke. *Nursing* 41(3), 36-43.
- Palatnik, A. (2009). Too fast, too slow, too ugly: Dysrhythmias that every nurse should recognize. *Nursing*, 39(9), 38-46.
- Palmieri, R. (2008). Caring for a medical/surgical patient with MS. *Nursing*, 38(10), 34-41.
- Pullen, R., Brewer, S., & Ballard, A. (2009). Putting a face on systemic lupus erythematosus. *Nursing*, 39(8), 22-29.
- Riegel, B., Dickson, V., Cameron, J., Johnson, J., Bunker, S., Page, K., & Worrall-Carter, L. (2010). Symptom recognition in elders with heart failure. *Journal of Nursing Scholarship*, 42(1), 92-100.
- Ryan, M., Aloe, K., & Mason-Johnson, J. (2009). Improving self-management and reducing hospital readiness in heart failure patients. *Clinical Nurse Specialist: The Journal for Advanced Nursing Practice*, 23(4), 216-223.

Simmons, S. (2011). Osteoporosis. *Nursing*, 41(1), 35.

Siow, E. (2008). Enteral versus parenteral nutrition for acute pancreatitis. *Critical Care Nurse*, 28(4), 9-30.

Smeltzer, M. (2010). Making a point about open fractures. *Nursing*, 40 (4), 24-31.

Sullivan, B. (2008). Nursing management of patients with a chest drain. *British Journal of Nursing*, 17(6), 388-393.

2. A summary of the proposed revisions:

The course description, outcomes, and outline were changed and updated to reflect current nursing standards. A small amount of the old NURS 336 content has been now included in NURS 436. Also, content such as the musculoskeletal system in the old NURS 436 has been move to NURS 336 because these are problems typically seen in this population in a medical surgical setting. Topics that are more related to the adult with complex health issues have now been expanded in this course. The course bibliography has also been updated. The total credit hours remain the same.

3. Justification/rationale for the revision:

This course was revised to meet current nursing practice standards. Changes were also made to the course following the American Association of Colleges of Nursing (AACN) revision to the Essentials of Baccalaureate Education for Professional Nursing Practice (2008). This document is the guiding document of the National Accreditation Agency, Commission of Collegiate Nursing Education (CCNE). CCNE accredits the IUP nursing program. The revision was also based on the department's systematic program assessment process which includes data from students, faculty, alumni, and employers in the community.

4. The old syllabus of record:**I. COURSE DESCRIPTION:**

NURS 436 Adult Health II	4 lecture hours
	0 lab hours
	4 credit hours
	(4c-0l-4cr)

PRE-REQUISITES: NURS 336, 337, 330, 331, 332, 333 or permission

PRE OR

CO-REQUISITES: NURS 412

CO-REQUISITES: NURS 437

Builds on Adult Health I; focusing on the adult/family coping with complex health problems. The relationships among disease states, treatment and associated nursing responsibilities are emphasized as students build their knowledge base of pharmacology, therapeutic procedures, rehabilitation needs and teaching-learning strategies. Principles underlying the use of technology in clinical practice provide a basis for the concurrent clinical course.

II. COURSE OUTCOMES:

At the conclusion of the course students will be able to:

1. Explain the etiology, pathophysiology, clinical manifestations, sequelae and treatment of specific complex disorders.
2. Analyze individual/family needs for nursing care based on patient responses to critical and/or complex disease states.
3. Describe appropriate nursing interventions, including physiological and psychological rationale, for individuals with specific critical and/or complex health problems.
4. Draw appropriate conclusions about learning needs and teaching strategies for individuals/families coping with critical and/or complex health problems.
5. Recognize the impact of cultural/ethnic heritage on individual/family responses to complex health problems.
6. Evaluate the usefulness of researched-based data for the care of individuals/families with complex health care needs.

III. COURSE OUTLINE:

Unit I Issues in Complex Care Nursing

Week 1

- I. Patient/Family Experiences with Critical/Complex Health Problems (4 hrs.)
 - A. Unique perception of illness
 - B. Identification of stressors and responses
 - C. Identifying coping mechanisms
 - D. Supportive interventions
 1. Therapeutic presence
 2. Cognitive coping
 3. Guided imagery
 4. Music therapy
 5. Humor therapy
 - E. Supporting the grieving family
- II. Advanced Directives in Critical Care
 - A. Patients with sudden acute illness
 - B. Patients with chronic illness
 - C. Organ tissue donations

III. Current Trends/Issues in Complex Care

Unit II Problems Related to Physiologic Homeostasis

Weeks 2-3

- I. Electrolyte imbalance (3 hrs.)
 - A. Etiology
 - B. Pathophysiologic processes
 1. Effects of aging
 - C. Clinical manifestations
 - D. Collaborative care
 - E. Independent nursing care
 1. Patient education

F. Home care	
II. Introduction to cardiac arrhythmias and hemodynamic monitoring	(2 hrs.)
III. Shock (hypovolemic, cardiogenic, anaphylactic, distributive)	(2 hrs.)
A. Etiology	
B. Pathophysiologic processes	
1. Effects of aging	
C. Clinical manifestations	
D. Acute collaborative care	
E. Independent nursing care	
Exam (Units I and II)	(1 hr.)
Unit III Problems with Cardiac Function	
Week 4	
I. Myocardial Infarction	(2 hrs.)
A. Etiology	
B. Pathophysiologic process	
1. Effects of aging	
C. Clinical Manifestations	
1. Complications – Cardiogenic shock	
D. Acute collaborative care	
1. Medical treatment	
2. Surgical treatment	
E. Independent nursing care	
1. Patient education	
II. Cardiac Rehabilitation	(1 hr.)
A. Exercise program	
B. Dietary changes	
C. Recognition of stressors/Stressor reduction	
III. Cardiac Myopathies and Valvular Disease	(1 hr.)
A. Etiology	
B. Pathophysiologic process	
C. Clinical manifestations	
D. Acute collaborative care	
1. Medical treatment	
2. Surgical treatment	
E. Independent nursing care	
1. Patient education	
F. Discharge planning/Home care	
Unit IV Problems Related to Oxygenation	
Week 5	
I. Complex Respiratory Diseases	(3 hrs.)

(Acute Respiratory Failure, ARDS, Pulmonary Emboli, Pneumothorax)

- A. Etiology
- B. Pathophysiologic process
- C. Clinical manifestations
- D. Acute collaborative care
- E. Independent nursing care
 - 1. Patient education
- F. Discharge planning/Home care

Exam (Units III and IV)

(1 hr.)

Unit V Problems with Liver/Biliary Function
Weeks 6-7

I. Cirrhosis

(3 hrs.)

- A. Etiology
- B. Pathophysiologic process
 - 1. Effects of aging
- C. Clinical manifestations
- D. Complications
 - 1. Varices
 - 2. Encephalopathy
- E. Acute collaborative care
 - 1. Medical treatment
 - 2. Surgical treatment
- F. Independent nursing care
- G. Discharge planning/Home care

II. Hepatitis A, B, C

(2 hrs.)

- A. Etiology
- B. Pathophysiologic process
 - 1. Effects of aging
- C. Clinical manifestations
- D. Complications
- E. Acute collaborative care
- F. Independent nursing care
 - 1. Patient education
- G. Discharge planning/Home care

III. Cholecystitis and Pancreatitis

(2 hrs.)

- A. Etiology
- B. Pathophysiologic process
 - 1. Effects of aging
- C. Clinical manifestations
- D. Complications
- E. Acute collaborative care

- F. Independent nursing care
 - 1. Patient education
- G. Discharge planning/Home care

Unit V Exam (1 hr.)

Unit VI Problems with Renal Function
Weeks 8-11

I. Acute Renal Failure (ATN, Glomerulonephritis) (3 hrs.)

- A. Etiology
- B. Pathophysiologic process
 - 1. Effects of aging
- C. Clinical manifestations
- D. Acute collaborative care
- E. Independent nursing care
 - 1. Patient education
- F. Discharge planning/Home care

II. Chronic Renal Failure (3 hrs.)

- A. Etiology
- B. Pathophysiologic process
 - 1. Effects of aging
- C. Clinical manifestations
- D. Acute collaborative care
 - 1. Hemodialysis
 - 2. Peritoneal dialysis
- E. Independent nursing care
 - 1. Patient education
- F. Discharge planning/Home care

Unit VII Problems of the Immune System

I. Hypersensitivity/Allergic Reactions (3 hrs.)

- A. Types I – III (antibody based)
 - 1. Local and systemic anaphylaxis
 - 2. Blood transfusion reactions
 - 3. Immune complex
- B. Pathologic processes
 - 1. Effects of aging
- C. Clinical manifestations
- D. Acute collaborative care
- E. Patient education/prophylaxis

II. Principles of Autoimmunity (1 hr.)

- A. Theories of self tolerance
- B. Theories of autoimmune diseases

- III. Transplantation (1 hr.)
- A. Immunologic principles of organ transplant
 - B. Transplant rejection (Type IV hypersensitivity)
- IV. Human Immunodeficiency Viral Infection (4 hrs.)
- A. Etiology
 - B. Pathophysiologic process
 - 1. Effects of aging
 - C. Stages of infection
 - D. Acute collaborative care
 - E. Independent nursing care
 - F. Discharge planning/Patient education
- Exam (Units VI and VII) (1 hr.)

Unit VIII Problems of Neurologic Function

Weeks 12-13

- I. Cerebral Vascular Accidents (2 hrs.)
- A. Etiology
 - B. Pathophysiologic process
 - 1. Atherosclerotic plaque
 - 2. Thrombi
 - 3. Intracranial bleeding/aneurysms
 - C. Acute collaborative care
 - D. Independent nursing care
 - 1. Patient education
 - E. Discharge planning/Home care
- II. Increased Intracranial Pressure (2 hrs.)
- A. Etiology
 - 1. Head Trauma
 - 2. Tumors
 - 3. Infection
 - B. Acute collaborative care
 - 1. Medical intervention
 - 2. Surgical intervention
 - C. Independent nursing care
- III. Neurological Disorders (MS, Parkinson's Disease) (2 hrs.)
- A. Etiology
 - B. Pathophysiologic process
 - 1. Effects of aging
 - C. Clinical manifestations
 - D. Acute collaborative care
 - E. Independent nursing care
 - F. Discharge planning/home care
- IV. Neuromuscular Disorders (Myasthenia Gravis, ALS) (2 hrs.)
- A. Etiology

- B. Pathophysiologic processes
 - 1. Effects of aging
- C. Clinical manifestations
- D. Acute collaborative care
- E. Independent nursing care
- F. Discharge planning/Home care

Unit IX Problems of the Musculoskeletal System
Week 14

- I. Rheumatoid and Osteo Arthritis (3 hrs.)
 - A. Etiology
 - B. Pathophysiologic processes
 - 1. Effects of aging
 - C. Clinical manifestations
 - D. Acute collaborative care
 - 1. Medical interventions
 - 2. Surgical interventions
 - E. Independent nursing care
 - F. Discharge planning/Home care

II. Other Musculoskeletal Disorders

- A. Osteomyelitis, Osteoporosis, fractures
 Exam (Units VIII and IX)

(1 hr.)

Final Exam

(2 hrs)

IV. EVALUATION METHODS*

- 50% Unit Exams (multiple choice)
- 20% Final exam (multiple choice)
- 10% Written assignments
- 10% Individual or collaborative case study analysis
- 10% Assigned projects

V. GRADING SCALE:

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F Less than 60%

***To progress in the Nursing Program, the student must achieve at least a 70% average grade on the exams AND at least a 70% average grade on all other assignments.**

VI. ATTENDANCE POLICY:

Although there is no formal attendance policy for this class, student learning is enhanced by regular attendance and participation in class discussions.

VII. REQUIRED TEXTBOOKS:

Hodges, R. (2005). Hemodynamic monitoring. Philadelphia: W.B. Saunders.

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VIII. SPECIAL RESOURCE REQUIREMENTS:

None

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Hepatitis Information Network www.hepnet.com

Renal Failure <http://www.renalworld.com/>

5. Liberal Studies course approval form: – N/A

Part III. Letters of Support or Acknowledgment – N/A