

LSC Use Only Proposal No:
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Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person(s) Theresa Gropelli	Email Address tgropell@iup.edu
Proposing Department/Unit Nursing and Allied Health	Phone 724-357-3264

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 336 Adult Health I

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)	<i>Theresa Gropelli</i>	2/23/12
Department Chairperson(s)	<i>Elizabeth Palmer</i>	5/11/12
College Curriculum Committee Chair	<i>John Kwachter</i>	11/12/12
College Dean	<i>Wray E. Sunde</i>	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	<i>Gail Schriest</i>	2/12/13

Please Number All Pages

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Liberal Studies Liberal Studies

Part II. Description of Curriculum Change

1. New syllabus of record:

I. CATALOG DESCRIPTION

NURS 336 Adult Health I

4 class hours
0 lab hours
4 credits
(4c-01-4cr)

PREREQUISITES: BIOL 241, FDNT 212, NURS 213, 214, 236, PSYC 310 or permission

COREQUISITES: NURS 337, NURS 312 or 316, or permission

Introduces the student to disease processes and prevention, collaborative care, and implementation of the nursing process for adults and older adults. Enhances student knowledge regarding assessing human response to changing health and applying the appropriate nursing intervention for safe, patient-centered care. Applies evidence-based practice for the care of adults and older adults.

II. COURSE OUTCOMES

Students will be able to:

1. Discuss the etiology, pathophysiology, clinical manifestations, sequel and treatment of specific disease states.
2. Identify nursing actions throughout the lifespan with adults with diverse cultural backgrounds.
3. Describe the physiologic effects of therapeutic drugs and associated nursing responsibilities.
4. Apply appropriate nursing intervention as a member of a collaborative health care team for individuals with specific health.
5. Draw appropriate conclusions about learning needs and teaching strategies for individuals/families/communities coping with specific disease states.
6. Use evidence-based practice when planning nursing care for adults and older adults.

III. COURSE OUTLINE

The patient having surgery and acute pain

A. Preoperative patient

1hr

1. Interdisciplinary care and communication
2. Independent nursing care including interventions, patient teaching, quality and safety considerations, cultural considerations, social concerns, and individual stressors

3. Discharge planning/home care
4. Evidence-based practice considerations
- B. Intraoperative patient .5 hr
 1. Interdisciplinary care and communication
 2. Independent nursing care including interventions, patient teaching, quality and safety considerations, cultural considerations, social concerns, and individual stressors
 3. Discharge planning/home care
 4. Evidence-based practice considerations
- C. Postoperative patient 1.5 hr
 1. Interdisciplinary care and communication
 2. Independent nursing care including interventions, patient teaching, quality and safety considerations, cultural considerations, social concerns, and individual stressors
 3. Discharge planning/home care
 4. Evidence-based practice considerations
- D. Acute pain control 1 hr
 1. Etiology/pathophysiology
 2. The effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Independent 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

Musculoskeletal system

- A. Rheumatoid arthritis .5 hr
 1. Etiology/pathophysiology
 2. Effects of aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Independent 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. Osteoarthritis .5 hr
 1. Etiology/pathophysiology
 2. Effects on aging
 3. Clinical manifestations
 4. Interdisciplinary care and communication
 5. Independent 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. Osteomyelitis .5 hr
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Independent 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. Osteoporosis .5 hr
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Independent 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. Fractures 2 hr
 - 1. Etiology/pathophysiology
 - 2. Effects of aging
 - 3. Clinical manifestations
 - 4. Interdisciplinary care and communication
 - 5. Independent 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
- Test 1: Surgery patient and musculoskeletal system 1 hr

Cardiovascular disorders

- A. ArteriosclerosisAtherosclerosis 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

- B. Angina 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
- C. Hypertension 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
- D. Chronic heart 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
- E. Peripheral vascular 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
- Hematological disorders 2 hr
- A. Anemia
1. Types
 - a. Iron deficiency
 - b. Folic acid deficiency

- c. Cobalamin deficiency/Pernicious anemia
- d. Aplastic anemia
- 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

Test 2: Cardiovascular and anemia 1 hr

Respiratory disorders

- A. Pneumonia 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
- B. Tuberculosis 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. Asthma 1.5 hr
 - 1. Etiology/pathophysiology/ABG analysis
 - 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. COPD** 1.5 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

Endocrine disorders

- A. Diabetes Mellitus** 5 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

Test 3: Respiratory and Diabetes Mellitus 1 hr

Endocrine disorders (Continued)

- B. Thyroid disorders** 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. Adrenal disorders** 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. Pituitary disorders	.5 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. Parathyroid disorders	.5 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	
Cancers	
A. Carcinogenesis	1 hr
1. Risk factors/primary prevention	
2. Carcinogenesis (Initiation, Promotion & Progression)	
3. Screening	.5 hr
B. Characteristics of specific cancers	3 hr
1. Lung cancer	
2. Breast cancer	
3. Colon cancer	
4. Prostate cancer	
5. Leukemia/Lymphoma	
C. Treatment modalities (interdisciplinary care and communication)	2 hr
1. Surgical	
2. Radiotherapy	
3. Chemotherapy	
4. Biotherapy/target therapy	
5. Bone marrow and blood cell transplantation	
D. Interventions for symptoms of disease and side effects of treatment independent nursing care	2 hr
1. Pain	
2. Infection	
3. Bleeding disorders	
4. Fatigue	
5. Nutritional disturbances	
6. Hypercalcemia	
7. Paraneoplastic syndromes	

8. Malignant effusions and edemas	
9. Sexual and reproductive dysfunction	
10. Integumentary and mucous membranes alterations	
11. Late effects of cancer treatment	
E. Consideration for the older adult with cancer	.5 hr
F. Delivery systems for cancer care	.5 hr
1. Ambulatory care	
2. Home care	
3. Hospice care	
G. Issues in cancer survivorship	.5 hr
1. Psychosocial responses to cancer	
2. Physical, economic, and social adaptation of the cancer survivor	
Test 4: Endocrine (except DM) and cancer	2 hr
Urinary disorders	
A. Urinary tract infections	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	
B. Renal calculi	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. Benign prostatic hypertrophy	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. Urinary incontinence 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
- Gastrointestinal disorders
- A. Gastroesophageal reflux disease (GERD) 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
- B. Peptic ulcer 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. Inflammatory bowel (ulcerative colitis and crohn's disease) 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. Diverticulitis/Diverticulosis 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
- E. Obesity and bariatric surgery 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

Final exam 2 hr

IV. EVALUATION METHODS

An example of the evaluation method is as follows:

Test 1	10%
Test 2	20%
Test 3	20%
Test 4	20%
Final Exam	30%

V. 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.

VI. UNDERGRADUATE COURSE ATTENDANCE POLICY

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

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

Karch, A. M. (2010). *Focus on nursing pharmacology* (5th ed.). Philadelphia, PA: Lippincott Williams & Wilkins.

Lewis, S. M., Dirksen, S. R., Heitkemper, M. M., Bucher L., & Camera, I. M. (2011). *Medical surgical nursing: Assessment and management of clinical problems* (8th ed.). St. Louis, MO: Mosby.

Lewis, S. M., et al. (2011). *Virtual clinical excursions for medical-surgical nursing: Assessment and management of clinical problems*. St. Louis, MO: Mosby.

Lewis, S. M., et al. (2011). *Study guide to accompany medical surgical nursing*. St. Louis, MO: Mosby.

VIII. SPECIAL RESOURCE REQUIREMENTS

None.

IX. BIBLIOGRAPHY

Baker, B., & Ward-Smith, P. (2011). Urinary incontinence nursing considerations at the end of life. *Urologic Nursing*, 31(2), 169-172.

Brown, A. (2011). Managing skin conditions due to venous leg ulceration. *Nursing and Residential Care*. 13(6), 280-285.

Butler, J. (2010). The management of heart failure. *Practice Nursing*, 21(6), 290-296.

Burton, D., Flannery, B., Bennett, N., Farley, M., Gershman, K., Harrison, L.,...Schuchat, A. (2010). Socioeconomic and racial/ethnic disparities in the incidence of bacteremic pneumonia among US adult. *American Journal of Public Health*. 100(10), 1904-1911.

Burton, J. (2011). Hyperthyroidism, *MEDSURG Nursing*, 20(3), 152-153.

Carson, M. (2009). Assessment and management of patients with hypothyroidism. *Nursing*

- Standards*, 23(18), 48-56.
- Cooper, K. (2011). Care of the lower extremities in patients with acute decompensated heart failure. *Critical Care Nurse*, 31(4), 21-28.
- Eisenstadt, E. (2010). Dysphasia and aspiration pneumonia in older adults. *Journal of American Academy of Nurse Practitioner*, 22, 17-22.
- Hicks, D. (2010). Self-management skills for people with type 2 diabetes. *Nursing Standard*, 25(6), 48-56.
- Holmes, S. (2011). Nutrition in the care of patients with cancer cachexia. *British Journal of Community Nursing*, 16(7), 314-323.
- Kennedy, S. (2011). Caring for a patient newly diagnosed with COPD: Reflective account. *Nursing Standard*, 25(49), 43-48.
- Knechel, N. (2009). Tuberculosis: Pathophysiology, clinical features, and diagnosis. *Critical Care Nurse*, 29(2), 34-43.
- Phillips, S., & Phillips, A. (2011). Diabetes and older people: Ensuring individualized practice. *Practice Nursing*, 22(4), 196-200.
- Sephton, M. (2009). Nursing management of patients with severe ulcerative colitis. *Nursing Standards*, 24(15), 48-53.
- Shenolikar, R., Song, X., Anderson, J., Chu, B., & Cantrell, R. (2011). Costs of asthma among US working adults. *The American Journal of Managed Care*, 17(6), 409-415.

2. A summary of the proposed revisions:

The course description, outcomes, co-requisites, 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 the sophomore level. Also, content such as the musculoskeletal system in the old NURS 436 has been moved to this course because these are problems typically seen in this population in a medical surgical setting. Also, a specific section on obesity including bariatric surgery is now included in this course to be more reflective of current nursing issues. 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 336 Adult Health I	4 lecture hours 0 lab hours 4 credit hours (4c -0l – 4cr)
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Prerequisites: FDNT 212, NURS 236, or permission

Pre or Corequisite: NURS 316

Corequisite: NURS 337

Introduces the student to disease processes and treatment regimens and examines their impact on adults throughout their life span. Emphasizes increasing student knowledge about assessing human responses to changes in health, determining appropriate nursing interventions, and identifying the physiological and psychosocial basis for nursing actions.

II. Course Objectives

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

1. Discuss the etiology, pathophysiology, clinical manifestations, sequela and treatment of specific disease states
2. Identify nursing actions for primary prevention with adults and aging families and secondary prevention/ intervention with adults with diverse cultural backgrounds
3. Describe the physiologic effects of therapeutic drugs and associated nursing responsibilities
4. Describe appropriate nursing interventions, including physiological and psychosocial rationale, for individuals with specific health problems
5. Draw appropriate conclusions about learning needs and teaching strategies for individuals/families coping with specific disease states
6. Identify research-based clinical interventions

III. Course Outline

Week 1-2 Unit I The Body's Response to Injury

I. CELL INJURY/INFLAMMATION/INFECTION

3 hrs

- A. Review of cell injury/death
- B. Role of inflammation in disease
- C. Body's response to infection
 1. Local infection vs. sepsis
- D. Antibiotic Treatment
 1. Culture and Sensitivity studies
 2. Categories of Antibiotics
 3. Common side effects
- E. Effects of Aging

II. THE PATIENT HAVING SURGERY

3 hrs

- A. Preoperative patient
 1. Anxiety
 2. Safety
- B. Postoperative patient
 1. Aspiration
 - a. Preventive measures
 2. Atelectasis
 - a. Prevention
 - 1) Turn/cough/deep breath regimen
 - 2) Ambulation
 3. Infection
 - a. Factors influencing risk for infection
 - b. Monitoring wounds
 - c. Monitoring for bladder infections
- C. Potential Complications: assessment and interventions
 1. Deep vein thrombosis

2. Paralytic ileus	
3. Fluid & electrolyte imbalance	
a. Intravenous fluid management	
1) Crystalloid IV fluids	
2) Blood, colloids, platelets	
4. Immobility	
5. Pneumonia	
D. Powerlessness/Loss of Control	
1. Interventions	
E. Acute Pain Control	2 hrs
1. Myths of addiction and respiratory depression	
2. Equianalgesia	
F. Discharge Planning	
 Unit I Exam	 1 hr
 Unit II Problems of Oxygenation	
 Week 3-4	
I. CARDIOVASCULAR DISORDERS	
A. Artiosclerosis/Atherosclerosis	1 hr
1. Etiology	
2. Effects of aging	
3. Pathophysiologic processes	
B. Hypertension	1 hr
1. Etiology	
2. Effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Applying principles of patient education	
6. Diet therapy	
7. Exercise regimen/Weight loss	
8. Drug therapy	
9. Coping with extensive changes in health/new treatment plan	
C. Angina	2 hrs
1. Risk factors	
2. The effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Selected diagnostic studies	
a. ECG	
b. Stress tests	
c. Coronary angiogram	
6. Assessment and interventions of acute chest pain	
7. Patient Education: Angina attacks at home	

8. Collaborative Care Issues
 - a. Prevention of stable angina
 - b. Treat/Prevent hyperlipidemia
 - c. Prevent/Treat hypertension
 - d. Smoking cessation
 - e. Weight loss
 - f. Establishing and maintaining regular exercise program
9. Role of stressors

D. Congestive Heart Failure 3 hrs

1. Etiology
2. The effects of aging
3. Pathophysiologic processes
4. Clinical manifestations
5. Acute collaborative care
6. Acute independent nursing care
7. Discharge planning/home care
8. Complications
 - a. Pulmonary edema
 1. Causes
 2. Treatment

E. Peripheral Vascular Disease 1 hr

1. Etiology
2. The effects of aging
3. Pathophysiologic processes
4. Clinical manifestations
5. Acute collaborative care
6. Acute independent nursing care
7. Discharge planning/home care

Week 5 **II. RESPIRATORY DISORDERS** 5 hrs

A. Restrictive Diseases

1. Pneumonia
 - a. Etiology
 - b. The effects of aging
 - c. Pathophysiologic processes
 - d. Clinical manifestations
 - e. Acute collaborative care
 - f. Discharge planning

2. Tuberculosis
 - a. Etiology
 - b. The effects of aging

8. Complications	
B. Thyroid Disorders	.5 hr
1. Etiology	
2. The effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Acute collaborative care	
6. Independent nursing care	
a. Patient education	
7. Discharge planning	
C. Adrenal Disorders	.5 hr
1. Etiology	
2. The effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Acute collaborative care	
6. Independent nursing care	
a. Patient education	
7. Discharge planning	
D. Pituitary Disorders	.5 hr
1. Etiology	
2. The effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Acute collaborative care	
6. Independent nursing care	
a. Patient Education	
7. Discharge Planning	
E. Parathyroid Disorders	.5 hr
1. Etiology	
2. The effects of aging	
3. Pathophysiologic processes	
4. Clinical manifestations	
5. Acute collaborative care	
6. Independent nursing care	
a. Patient Education	
7. Discharge Planning	
Week 9-11	5 hrs
II. CANCERS	
A. Carcinogenesis	
1. Risk factors/Primary prevention	
2. Carcinogenesis	

- a. Initiation
- b. Promotion
- c. Progression

B. Screening

C. Characteristics of Specific Cancers

- 1. Lung Cancer
 - a. Population at risk
 - b. Clinical manifestations
- 2. Breast Cancer
 - a. Population at risk
 - b. Clinical manifestations
- 3. Colon Cancer
 - a. Population at risk
 - b. Clinical manifestations
- 4. Prostate Cancer
 - a. Population at risk
 - b. Clinical manifestations
- 5. Leukemia/Lymphoma
 - a. Population at risk
 - b. Clinical manifestations

D. Treatment Modalities

3 hrs.

- 1. Surgical
- 2. Radiotherapy
- 3. Chemotherapy
- 4. Biotherapy
- 5. Bone marrow and blood cell transplantation

E. Interventions for Symptoms of Disease and Side Effects of Treatment

4 hrs.

- 1. Pain
- 2. Infection
- 3. Bleeding disorders
- 4. Fatigue
- 5. Nutritional disturbances
- 6. Hypercalcemia
- 7. Paraneoplastic syndromes
- 8. Malignant effusions and edemas
- 9. Sexual and reproductive dysfunction
- 10. Integumentary and mucous membranes alterations
- 11. Late effects of cancer treatment

F. Delivery systems for cancer care

- 1. Ambulatory care
- 2. Home care

3. Hospice care
- G. Issues in cancer survivorship
1. Psychosocial responses to cancer
 2. Physical, economic, and social adaptation of the cancer survivor
- Unit III Exam 1 hr
- Unit IV Problems Related To Elimination
- Week 12-14 4 hrs
- I. RENAL DISORDERS
- A. Urinary Tract Infections/Renal Calculi
1. Etiology
 2. The effects of aging
 3. Pathophysiologic processes
 4. Clinical manifestations
 5. Acute collaborative care
 6. Independent nursing care
 - a. Patient education
- B. Benign Prostatic Hypertrophy
1. Etiology
 2. The effects of aging
 3. Pathophysiologic processes
 4. Clinical manifestations
 5. Acute collaborative care
 6. Independent nursing care
 - a. Patient education
- C. Urinary Incontinence
1. Etiology
 2. The effects of aging
 3. Pathophysiologic processes
 4. Clinical manifestations
 5. Acute collaborative care
 6. Independent nursing care
 - a. Patient education
 7. Discharge planning
- II. GASTROINTESTINAL DISORDERS 4 hrs
- A. GERD/Peptic Ulcers
1. The effects of aging
 2. Pathophysiologic processes
 3. Clinical manifestations
 4. Acute collaborative care

5. Independent nursing care
 - a. Patient education
6. Discharge planning

B. Inflammatory Bowel Disease/Diverticulitis

1. Etiology
2. The effects of aging
3. Pathophysiologic processes
4. Clinical manifestations
5. Acute collaborative care
6. Independent nursing care
 - a. Patient education
7. Discharge planning

Unit V Problems Related to Altered Sensory Input

I. SENSORY DISORDERS

2 hrs

A. Cataracts/Glaucoma

1. Etiology
2. The effects of aging
3. Pathophysiological processes
4. Clinical manifestations
5. Acute collaborative care
6. Independent nursing care
 - a. Patient education
7. Discharge planning

B. Hearing Loss

1. Etiology
2. The effects of aging
3. Pathophysiological processes
4. Clinical manifestations
5. Acute collaborative care
6. Independent nursing care
 - a. Patient education
7. Discharge planning

Unit V Exam

1 hr

Finals Week: Final Exam

IV. Evaluation Methods*

60% Unit exams (multiple choice)

20% Final exam

- 10% Written assignment
- 10% Individual or collaborative case study analysis

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.

V. Required Textbooks

Lewis, S.M., Heitkemper, M.M., & Dirksen, S.R. (2000). *Medical surgical nursing: Assessment and management of clinical problems* (5th ed.). St. Louis: Mosby.

O'Brien, P. (2000). *Study guide to accompany medical surgical nursing*. St. Louis: Mosby.

Porth, C.M. (1998). *Pathophysiology: Concepts of altered health states*. Philadelphia: Lippincot.

VI. Special Resource Requirements

None

VII. Bibliography

The Surgical Patient

Agu, O. & Autar, R. (1999). Deep vein thrombosis: a risky business. *British Journal of Theatre Nursing*, 9, 290-291.

Collier, M. (1999). Product focus. Brevet Tx: Antiembolism stockings for prevention and treatment of DVT. *British Journal of Nursing*, 8, 44, 46-49.

Cooper, D. (1999). Wound healing: New understandings. *Nurse Practitioner Forum*, 10, 74-86.

Kiernan, M. (1999). The process of granulation and its role in wound healing. *Community Nurse*, 5, 47-48.

Morris, B.A., Colwell, C.W., & Hardwick, M.E. (1998). The use of low molecular weight heparins in the prevention of venous thromboembolic disease. *Orthopaedic Nursing*, 17(6), 23-24.

Pontieri, Lewis V. (1999). Focus on wound care. Principles for selecting the right wound dressing. *MEDSURG Nursing*, 8, 267-270.

Wicker, P. (1999). Theatre nursing: Clean sweep...infection control at Edinburgh Royal Infirmary operating department. *Nursing Times*, 95, 63-64.

The Patient with CAD/CHF

Aiello, S. (1997). Radiologic workup for angina. How would you care for, teach, and support Mr. Klein as he undergoes cardiac catheterization and other stressful tests? *American Journal of Nursing*, 98(12), 50-51.

Ambulatory monitoring first, then treatment? (1998). *American Journal of Nursing*, 98(3), 9-11.

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O'Brien, L. (1998). Angina pectoris: Short episodes of chest pain or discomfort may signal underlying cardiac disease. *American Journal of Nursing*, 98(1), 48-50.

Patient with Peripheral Vascular Disease/Hypertension

Adams, S.L. (1999). Evaluation and conservative management of chronic lower extremity arterial disease. *Clinical Excellence for Nurse Practitioners*, 3, 88-96.

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Saunders, C.S. (1999). Statins: New uses to improve outcomes. *Patient Care Nurse Practitioner*, 2, 16-18, 21-24, 27-28

Wieck, K.L. (1997). Hypertension in an inner-city minority population. *Journal of Cardiovascular Nursing*, 11(4), 41-50.

Diabetic Patient

Capriotti, T. (1997). Beyond sulfonylureas: New oral medications in the treatment of NIDDM. *MedSurg Nursing*, 6(3), 166-170.

Capriotti, T. & McLaughlin, S. (1998). A revitalized battle against diabetes mellitus for the new millennium. *MedSurg Nursing*, 7(6), 323-324.

Crownover, A.J. (1998). Using the internet to survey patients with diabetes. *Image: Journal of Nursing Scholarship*, 30(4), 392-393.

Eid, J., & Kraemer, H. (1998). Mexican-American experience with diabetes. *Image: Journal of Nursing Scholarship*, 30(4), 393-394.

Frykberg, R.G. (1998). Diabetic foot infections: Evaluation and management. *Advances in Wound Care: The Journal for Prevention and Healing*, 11(7), 329-330.

Gutowski, C. (1999). Understanding new pharmacologic therapy for type 2 diabetes. *Nurse Practitioner: American Journal of Primary Health Care*, 24, 15-18, 21, 24-27.

Hauser, D.E. (1999). Promotion of foot health in diabetes. *Clinical Excellence for Nurse Practitioners*, 3, 210-213.

Jacobson, S.F., Boonton-Hiser, D., Moore, J.H., Edwards, K.A., Pryor, S., & Campbell, J.M. (1998). Diabetes research in an American Indian community. *Image*, 30(2) 161-166.

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Patient with Thyroid Disease

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Patient with Respiratory Disorders

Ambrose, M. (1998). Chronic dyspnea: Controlling a perplexing symptom. *Nursing*, 28(5), 41-48.

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Pulchini, J. (1999). Antibiotic resistance and the new plagues of the 21st century. *Clinical Excellence for Nurse Practitioners*, 3, 181-182.

Russell, C.K., Geraci, T., Hooper, A., Shull, L., & Gregory, D.M. (1998). Patients' explanatory models for heart failure and COPD exacerbations. *Clinical Nursing Research*, 7(2), 164-189.

The Patient with Cancer

Brendin, M. (1999). Mastectomy, body image and therapeutic massage: A qualitative study of women's experience. *Journal of Advanced Nursing*, 29, 1113-1120.

Camp, Sorrell D. (1999). Surviving the cancer, surviving the treatment: Acute cardiac and pulmonary toxicity. *Oncology Nursing Forum*, 26, 983-990.

Cutler, L.R. (1999). The contribution of nursing to cancer prevention. *Journal of Advanced Nursing*, 29, 169-177.

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Patient with Elimination Problems

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Patient with Visual Problems

Cataracts: Deciding when not to live with them. (1998). *Mayo Clinic Health Letter*, 16(8), 1-4.

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

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