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**St. Luke's Hospital School of Nursing  
at Moravian College**  
Bethlehem, Pennsylvania



**Syllabus Spring 2013  
Nursing 339: Individual Health Challenges**

**Course and Clinical Faculty**

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**Class and problem solving sessions M- W-F: 0730 to 0840, PPHAC 101**

Clinical Tuesday and Thursday as assigned 0645 to 1515: prep/research required the evening before assigned clinical

**Course Description:**

A course which applies nursing knowledge, interventions and attitudes for the management of individuals' complex health problems throughout the adult years in theory and in clinical practice. Students analyze various human responses to challenging health conditions to provide holistic and comprehensive nursing care.

**Program Philosophy:**

The process of learning involves accountability, diversity, mutual respect, openness, honesty and a reality base. The core components for the curriculum are Community, Holism, Inquiry & Professionalism (CHIP). These core components provide the foundation for the program and learning outcomes and are detailed in the Student Handbook. <http://home.moravian.edu/public/Nursing/HandbooksPage.html>

**Course Objectives:**

1. Analyze concepts from the sciences, humanities and nursing to provide care.
2. Examine nursing roles in the safe and effective diagnosis and treatment of human responses to individuals' health challenges.
3. Communicate nursing perspectives when collaborating with individuals, families, and health care team members.
4. Investigate best evidence for nursing practice with chronic and complex disorders.
5. Demonstrate beginning leadership skills that encourage individuals with health challenges to restore health or manage illness.
6. Apply moral, spiritual and ethical concepts in the care of individuals with health challenges.
7. Exhibit professional accountability and advocacy in the care of individuals with health challenges.

## Course Credits/Unit/Hours

Course Units: 1

Theory Hours: 3.0

Clinical Hours: 8 per week

**Prerequisites:** All required sciences; all required nursing courses (NURS 115, 212, 310, 311, 331.2);

**Co-requisites:** NUR 332.2 and NURS 314

### Required Textbooks:

ATI Products

Ball, J.W., Bindler, R.C., & Cowen, K.J. (2012). *Principles of pediatric nursing: caring for children*. (5<sup>th</sup> ed.). Boston: Pearson.

Boyd, M. (2012). *Psychiatric nursing contemporary practice* (5<sup>th</sup> ed.). Hagerstown, MD: Lippincott, Williams, and Wilkins.

Davidson, M. R., London, M.L. & Ladewig, P. A. (2012). *Old's maternal-newborn nursing & women's health*. (9<sup>th</sup> ed.). Boston: Pearson.

Jarvis, C. (2012). *Physical Examination and Health Assessment* (6<sup>th</sup> edition). Elsevier, Saunders.

Kee, J. L. (2006). *Pharmacology: Text and Workbook Package*, (5<sup>th</sup> ed.). St. Louis: W. B. Saunders.

Newfield, S. A., Hinz, M. D., Scott-Tilley, D., Sridaromont, K. & Marimba, P. (2007). *Cox's clinical applications of nursing diagnosis: Adult, child, women's, mental health, gerontic, and home health considerations* (5<sup>th</sup> ed.). Philadelphia: F. A. Davis.

Potter, P., and Perry, G. (2011). *Fundamentals of Nursing* (7<sup>th</sup> edition). Mosby, Elsevier.

Smeltzer, S. C., Bare, B. G., Hinkle, J. L. & Cheever, K. H. (2007). *Brunner and Suddarth's textbook of medical-surgical nursing* (12<sup>th</sup> ed.). Philadelphia: Lippincott, Williams & Wilkins.

### Recommended Textbook:

Deglin, J. H. & Vallerand, A. H. (2008). *Davis's drug guide for nurses* (11<sup>th</sup> ed.). Philadelphia: F. A. Davis.

Newfield, S. A., Hinz, M. D., Scott-Tilley, D., Sridaromont, K. & Marimba, P. (2007). *Cox's clinical applications of nursing diagnosis: Adult, child, women's, mental health, gerontic, and home health considerations* (5<sup>th</sup> ed.). Philadelphia: F. A. Davis.

Sylvestri, L. A. (2008). *Comprehensive review for NCLEX-RN* (4<sup>th</sup> ed.). Philadelphia: W.B. Saunders Company.

### Journal Articles:

As listed on Blackboard, these will articles will be posted throughout the course.

### Selected readings as announced on reserve in Reeves Library.

### Course Requirements:

1. **Class attendance is an expectation.** Students are expected to be prepared and attend all class meetings. This includes completing assignments prior to attending class. Tardiness is a distraction to the class and will not be tolerated.
2. **If unable to attend a class**, please contact the course faculty via email or phone. Students are responsible for obtaining any notes, handouts, or other class items from classmates. See Attendance Policy in Nursing Student Handbook.
3. Plagiarism is the intentional use of another's words or ideas as your own. This can range from using another individual's direct words or changing the words slightly (paraphrasing) without the appropriate citation to purchasing a paper from the Internet or a professional writing service. Refer

to the Moravian College Academic Honesty Policy in the Student Handbook. APA format is required for all written assignments.

4. Disability accommodations under the Americans with Disabilities Act (ADA) cannot be provided until authorization is received from the Office of Learning Services. Students who wish to request accommodations in this class for a disability should contact Elaine Mara, assistant director of learning services for academic and disability support, 1307 Main Street or by calling 610-861-1510. Accommodations cannot be provided until authorization is received from the office of Learning Services.
5. Nursing Departments Attendance policy for classroom and clinical attendance:

#### **Attendance Policy**

1. Classroom attendance is necessary to promote the learning of the theoretical component of the curriculum and to enrich and expand the application of the clinical learning process. Students are expected to attend all classroom activities. An instructor may lower a student's grade because of a class absence. **Classroom participation in this course is not determined solely on being in attendance in the class. Points will be earned by answering in class questions correctly as determined by previously assigned readings and any assignments assigned by the instructor during the course of this class.** If absences occur, it is the student's responsibility to make up whatever work has been missed, in class quizzes and questions and previously assigned work are not able to be made up. Permission to make up assignments, quizzes, and periodic tests may be granted at the discretion of the instructor. Authorization to make up a final examination is given only by the Office of Academic Affairs.
2. Participation in class means more than showing up and sitting in class. Participation indicates that you have prepared at least minimally for the events of the days class. One of your responsibilities with the i-clicker is to bring it to class with you. If you are not in class, do not have your i-clickers with you, or you do not yet arrive to class when the i-clicker questions are presented you will not have earned any points. Keep in mind that I do not give points or grades, the grades that you see are the grades that you have earned. (Professor Keeler's policy)
3. Clinical attendance is mandatory for the student to consistently demonstrate the ability to meet course objectives. It is the student's responsibility to notify the appropriate person(s) as identified by course faculty in the event that he/she is unable to attend clinical experiences. Such notification is to occur up to two hours prior to the scheduled clinical experience. If a student is absent from class/clinical activity due to illness, a health care provider's statement verifying the illness and certifying that the student is able to resume class or clinical activity may be required.
4. All clinical absences will be tracked in a database for review by future course instructors and the Chairperson of the Department of Nursing. Students who request time off from clinical, due to events in which they have no control (death of a family member), will contact the course faculty and the clinical instructor, and the determination for clinical makeup will be decided. Students who arrive to clinical practice late or leave early may be required to make up those cumulative minutes at the end of the semester on a clinical makeup day. It is up to the discretion of the course faculty to require clinical makeup for students who routinely leave clinical early due to co-curricular activities. For student involved in co-curricular activities such as sports or music, etc, schedules must be submitted to clinical faculty at the beginning of the semester so that clinical experiences can be appropriately determined.

5. Students will be required to makeup clinical absences. The designated clinical makeup day will be scheduled on the Saturday before the last week of clinical practice. It is mandatory that students requiring clinical makeup attend that makeup day. Students will be charged **\$250.00 per day** of clinical make-up to reimburse the department for clinical supervision and administrative fees. All clinical requirements, including make-up, must be completed by the end of the final examination period for that semester. Any associated fees must be paid in full by the end of the final examination period for that semester. Students are exempt from clinical make-up if they are attending a faculty approved conference (i.e.-NSNA or SNAP convention). In the event that a student receives an excused absence for a required educational trip and later in the semester incurs more clinical absences, the student may be in a position to consider withdrawal from the course, if the clinical experiences absences are too numerous to be made up within the available faculty contract time.
  
6. In the event of a protracted illness requiring multiple missed clinical days, the student, course instructor(s), and Chairperson will meet to discuss alternatives and develop an individual education plan.

**Methods of Evaluation:\*\***

- |  |                             |
|--|-----------------------------|
| 1. Theoretical Examinations<br>(4 exams 10 %, Final exam (cumulative) 20%)         | 60 %                        |
| 2. Class participation/clicker questions   | 5 %                         |
| 3. Quizzes/ Learning Activities/ATI focused reviews                                | 6 %                         |
| 4. Prep U  | 5 %                         |
| 5. Clinical reflective journal and synthesis paper *<br>(journal 5% and paper 10%) | 15 %                        |
| 6. Article review  | 4%                          |
| 7. Clinical Performance Evaluation*  | Satisfactory/Unsatisfactory |

- The Moravian College nursing program is accredited by the Commission on Collegiate Nursing Education. As part of the accreditation process the program must provide evidence of assignments completed by students. Any of the methods of evaluation used in this course, may be used as evidence of student assignments during the accreditation process.

**Grading Policy:**

Assignments are expected on or before their due date both for class and clinical.

The grading scale is as follows:

A = 93-100	B- = 80-82	D+ = 67-69
A- = 90-92	C+ = 77-79	D = 63-66
B+ = 87-89	C = 73-76	D- = 60-62
B = 83-86	C- = 70-72	F = <60

Please note that it within the instructor’s purview to apply qualitative judgment in determining grades for any assignments and for the course final grade.

Students are required to **earn** a *Satisfactory* clinical evaluation in each nursing course in order to progress in the curriculum. Failure to **earn** a *Satisfactory* clinical evaluation will result in a grade of F in the course.

**It is within the instructor’s purview to apply qualitative judgment in determining the grades for an assignment or for a course. The syllabus is subject to change at the discretion of the instructor.**

## **NURS 339: Topical Outline:**

- I. Chronic Illness and Disability
  - A. Definition
  - B. Characteristics
  - C. Nursing Implications
  - D. Federal Law
  - E. Access and Barriers to Care
  - F. Home and Community Based Care
  
- II. Nutritional-Metabolic
  - A. Renal
    - 1. Chronic Kidney Disease
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 2. Acute glomerulonephritis
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 3. Chronic glomerulonephritis
      - a. Clinical Manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 4. Polycystic Kidney Disease
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 5. Pyelonephritis
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
  - B. Process Recordings – to be done with patient during dialysis experience
  
- III. Rehabilitation
  - A. Americans with Disability Act
  - B. Rehab team
  - C. Functional Assessment
  
- IV. Role Relationship
  - A. Chronic Rehabilitation
    - 1. Post-burn
      - a. Wound healing
      - b. Management

2. Disabilities
  - a. abnormal wound healing
  - b. rehabilitation phase
  - c. home care
3. Cancer Rehab
4. Pulmonary/Cardiac rehabilitation
5. Care associated with:
  - a. Amputations: living with prosthetics
    1. rehabilitation
  - b. Wounds: Vac wounding
    1. Classes of wounds
    2. Categories of dressings
    3. Management

V. Activity-Exercise Pattern

A. Immune/Inflammatory Responses

1. Review of immune function
  - a. Brief overview
  - b. Assessments
2. Rheumatoid Arthritis
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
3. Lupus
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
4. Scleroderma
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
5. Gout
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
6. Fibromyalgia
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
7. Chronic Regional Pain Syndrome aka Reflex Systemic Dystrophy Syndrome
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management
8. Sjorgen's
  - a. Clinical Manifestations
  - b. Assessment and Diagnosis
  - c. Management

- VI. Activity-Exercise Pattern
  - A. Neurological Syndromes
    - 1. Multiple Sclerosis
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 2. Myasthenia Gravis
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
      - d. Crisis
    - 3. Gullain-BarreSyndrome
      - a. Clinical manifestations
      - b. Assessment and Diagnosis
      - c. Management
    - 4. Cranial Nerve Disorders
      - a. Trigeminal neuralgia (Tic Douloureux)
        - 1. Clinical manifestations
        - 2. Assessment and Diagnosis
        - 3. Management
      - b. Bell's Palsy
        - 1. Clinical manifestations
        - 2. Assessment and Diagnosis
        - 3. Management
    - 5. Disorders
      - a. Stages and etiology
      - b. Nursing management
      - c. Epilepsy
        - 1. Clinical manifestations
        - 2. Assessment and Diagnosis
        - 3. Management
      - d. Headache
        - 1. Clinical manifestations
        - 2. Assessment and Diagnosis
        - 3. Management
    - 6. Neurological Diagnostic testing
      - a. EMG
      - b. EEG
      - c. Lumbar Puncture
    - 7. Degenerative Neurologic Disorders
      - a. Parkinson's Disease
        - 1. Clinical manifestations
        - 2. Assessment and Diagnosis
        - 3. Management

- b. Huntington disease
  - 1. Clinical manifestations
  - 2. Assessment and Diagnosis
  - 3. Management
  - 4. Genetic Testing
- c. Amyotrophic Lateral Sclerosis
  - 1. Clinical manifestations
  - 2. Assessment and Diagnosis
  - 3. Management

VII. Sexuality/Reproductive

- A. Male
  - 1. Prostatitis
  - 2. Epididimitis
  - 3. Orchitis
- B. Female Reproductive Disorders
  - 1. Pelvic Inflammatory Disease
  - 2. Pelvic organ prolapse
    - a. Cystocele/rectocele
    - b. Uterine Prolapse
  - 3. Benign disorders
    - a. Vulva
    - b. Ovaries
    - c. Uterus
    - d. Chronic pelvic pain
- C. Benign diseases of the breast
  - 1. Nipples
  - 2. Breast

VIII. Nutrition-Metabolic/Coping Stress

- A. Hepatic/Pancreatic
  - 1. Alcoholism – acute and chronic
    - a. Management of Delirium Tremors
    - b. Cirrhosis
      - i. esophageal varices
      - ii. paracentesis
  - 2. Hepatitis
  - 3. Fatty Liver
  - 4. Pancreatitis
    - a. Acute pancreatitis
    - b. Chronic Pancreatitis
    - c. Pancreatic Abscess
  - 5. Pancreatic Cancer

IX. Health Perception/Health Management

- A. Gerontology
  - a. Psychosocial aspects of aging
  - b. Cognitive Aspects of aging
  - c. Pharmacologic aspects of aging
  - d. Geriatric Syndromes



e. Legal and ethical issues

B. Geriatric Health Problems

- a. Delirium and Dementia
- b. Alzheimer's Dementia/Disease
- c. Alzheimer's Disease
  - 1. Clinical manifestations
  - 2. Assessment and Diagnosis
  - 3. Management

X. Nutrition-Metabolic/Coping Stress

A. Hematologic Problems

- 1. Anemia
  - a. brief review of pathology
  - b. assessment and diagnostic testing
  
- 2. Hypoproliferative
  - a. Iron deficiency anemia
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  
  - b. Vitamin B<sub>12</sub> deficiency (megaloblastic)
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  
  - c. Folate deficiency (megaloblastic)
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  
  - d. Decreased erythropoietin production
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  
- 3. Bleeding
  - 1. Assessment and Diagnostic Findings
  - 2. Clinical Manifestations
  - 3. Management
  
- 4. Hemolytic
  - a. Altered erythropoiesis
    - 1. Sickle cell anemia
      - i. Assessment and Diagnostic Findings
      - ii. Clinical Manifestations
      - iii. Management
  
  - 2. Thalassemia

- i. Assessment and Diagnostic Findings
    - ii. Clinical Manifestations
    - iii. Management
- 3. Other hemoglobinopathies
  - i. Assessment and Diagnostic Findings
  - ii. Clinical Manifestations
  - iii. Management
- 5. Hypersplenism
  - 1. Assessment and Diagnostic Findings
  - 2. Clinical Manifestations
  - 3. Management
- 6. Drug induced anemia
  - 1. Assessment and Diagnostic Findings
  - 2. Clinical Manifestations
  - 3. Management
- 7. Autoimmune anemia
  - 1. Assessment and Diagnostic Findings
  - 2. Clinical Manifestations
  - 3. Management
- 8. Leukemia
  - a. AML, CML
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  - b. ALL, AML
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
- 9. Lymphoma
  - a. Hodgkin's
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
  - b. Non-Hodgkin's
    - 1. Assessment and Diagnostic Findings
    - 2. Clinical Manifestations
    - 3. Management
- 4. Multiple Myeloma
  - 1. Assessment and Diagnostic Findings
  - 2. Clinical Manifestations
  - 3. Management

Please note while the instructor will try to hold to the flow of the course outline, it may change over the course of the semester. Students will receive notification of syllabus changes in class or through electronic communication.