

## COURSE OUTLINE

Adaptation To Illness II (Adult Health Nursing II)  
Course Title

NU203  
Dept. & No

I. COURSE DESCRIPTION:

Focuses on the nursing process to assist clients and their significant others with immune response, physical mobility, elimination, reproductive, and fluid and electrolyte adaptations.

II. SEMESTER CREDITS: 4

III. CONTACT HOURS PER WEEK:       $\frac{2}{\text{Lec}}$        $\frac{6}{\text{Lab}}$        $\frac{8}{\text{Total}}$

IV. PREREQUISITE: NU201

V. STUDENT LEARNING OUTCOMES

VI. COURSE CONTENT

Upon completion of this course, the student will be able, with 65% accuracy, to

1. Describe the functions and components of the immune system; compare and contrast the most common classifications of genetic disorders; identify the clinical manifestations and emergency management of a systemic anaphylactic reaction; describe the assessment and collaborative care of a patient with chronic allergies; describe the etiologic factors, clinical manifestations, and treatment modalities of autoimmune diseases; describe the various kinds of organ transplants and the types of rejections following transplantation; identify the types and side effects of immunosuppressive therapy.
  - A. Genetics, Altered Immune Responses, and Transplantation
2. Describe the pathophysiology of HIV infection; list the ways human immunodeficiency virus (HIV) is transmitted and the factors that affect transmission; identify the diagnostic criteria for a acquired immunodeficiency syndrome (AIDS); summarize the characteristics of opportunistic diseases associated with AIDS.
  - B. Human Immunodeficiency Virus Infection
3. Differentiate between the causes and characteristics of acute and chronic low back pain; describe the conservative and surgical therapy of intervertebral disk damage; describe the postoperative nursing management of a patient who has undergone spinal surgery.
  - C. Musculoskeletal Problems

4. Describe the purpose, significance of results, and nursing responsibilities related to diagnostic studies of the gastrointestinal tract; explain the common etiologies, collaborative care, and nursing management of diarrhea, fecal incontinence, and constipation; explain the anatomic and physiologic changes and nursing management of the patient with an ileostomy and a colostomy.
5. Describe noninvasive techniques used in the physical assessment of the male and female reproductive systems; differentiate normal from abnormal findings obtained from a physical assessment of the male and female reproductive systems; discuss screening guidelines for the early detection of breast cancer; describe the pathophysiology, clinical manifestations and collaborative care of breast cancer; identify the risk factors for developing cancer of the reproductive organs; list nursing responsibilities for care prior to, during and following gynecologic tests and exams; describe the pathophysiology, clinical manifestations and collaborative care of benign prostatic hyperplasia & prostate cancer.
6. Describe the composition of the major body fluid compartment; describe the etiology, laboratory diagnostic findings, clinical manifestations, and nursing and collaborative management of the following disorders:
  - a. Extracellular fluid volume imbalance: Fluid volume deficit & fluid volume excess
  - b. Sodium imbalances: Hypernatremia and hyponatremia
  - c. Potassium imbalances: Hyperkalemia & hypokalemia
  - d. Magnesium imbalances: Hypermagnesemia & hypomagnesemia
  - e. Calcium imbalances: Hypercalcemia and hypocalcemia
  - f. Phosphate imbalances: Hyperphosphatemia & hypophosphatemia

- D. Problems of Elimination
  1. Diagnostic tests for gastrointestinal tract disorders

- E. Problems related to Reproductive Mechanisms
  1. Reproductive system
  2. Breast disorders
  3. Female reproductive problems
  4. Male reproductive problems

- F. Fluid, Electrolyte, and Acid-base Imbalances

7. Discuss the etiology, laboratory diagnostic findings, clinical manifestations, and nursing and collaborative management of metabolic acidosis, metabolic alkalosis, respiratory acidosis, and respiratory alkalosis; describe the composition and indications of common intravenous fluid solutions.

VII. MATERIALS AND EQUIPMENT

- A. Normal classroom supplies
- B. Stethoscope
- C. Watch with a second hand
- D. 1 pair of scissors

VIII. TEXTS

Sharon L. Lewis, Margaret McLean Heitkemper, Shannon Ruff Dirksen, Patricia Graber O'Brien & Linda Bucher, Medical-Surgical Nursing: Assessment and Management of Clinical Problems. St. Louis, Missouri, Mosby, 2014.

IX. METHOD OF INSTRUCTION:

- 1. Lecture
- 2. Class Discussion
- 3. Supervised clinical practice
- 4. Assigned papers & projects
- 5. Demonstration

X. METHOD OF EVALUATION:

A. Quizzes	20%
B. Papers and projects	10%
C. Midterm	15%
D. Final	15%
E. Clinical evaluations/demonstrations	40%
	100%

Transmutation of percent to letter-grade is as follows:

90 – 100 = A

80 – 89 = B

70 – 79 = C

65 - 69 = D

0 – 64 = F

## TASK LISTING SHEET

NU203 Adult Health Nursing II  
Course No. & Title

Credits: 2      2      96  
Lec      Lab      Total lab hrs

<u>SLO Task</u>	<u>Time</u>
<b>SLO #1</b>	
1. Describe the reticuloendothelial system and its role in protecting body	16 hrs
2. List those pharmaceutical products used to provide passive and active immunity	
3. Discuss the precautions to take when dealing with any patient to prevent the transfer of infection to yourself from the patient while giving care	
4. State the criteria used to differentiate between several allergic reactions according to cause and severity	
5. Recognize the clinical differences between an allergic and a sensitivity reaction	
6. List the medications and nursing interventions used for hypersensitivity reactions, allergic reactions and anaphylactic shock	
<b>SLO #2</b>	
1. Describe the pathophysiology of AIDS	8 hrs
2. List medications available/used to suppress the symptoms of AIDS	
3. Apply measures to prevent the spread of HIV infection while giving nursing care	
<b>SLO #3</b>	
1. Describe clinical manifestations of spinal injury	16 hrs
2. Devise a care plan for a patient with chronic back pain	
3. Provide nursing care for a patient with spinal injury	
4. Practice preventive measures for back injury while caring for patients	
<b>SLO #4</b>	
1. Prepare a patient who is scheduled for diagnostic studies of the GI system	16 hrs
2. Describe the etiology, complications, collaborative care, and nursing management for common problems of the GI system	
3. Devise a care plan for a patient suffering from nausea/vomiting and diarrhea	
4. Provide nursing care for a patient suffering from common problems of the GI system	
5. Provide nursing care for a patient with colostomy/ileostomy	
<b>SLO #5</b>	
1. Describe the preoperative and postoperative nursing management for the patient requiring surgery of the female reproductive system	16 hrs

2. Discuss the nursing management of problems related to male sexual functioning
3. Devise a nursing care plan for patient following TURP
4. Provide preoperative teaching for a patient scheduled for Hysterectomy
5. Provide nursing care for a patient with problems of the female/male reproductive system

SLO #6

1. Describe the composition and indications of common intravenous fluid solutions 24 hrs
2. Identify the process to maintain acid-base balance
3. Recognize the need for both IV/oral fluid replacement on assigned patients
4. Perform assessment of fluid, electrolyte, and acid-base imbalance on assigned patients
5. Calculate IV rate as ordered for each client
6. Perform blood transfusion & administrations of both IV meds and maintenance IV procedures

**Palau Community College  
NU203 Adult Health Nursing II  
Course Learning Outcomes**

During the course experience, the **course learning outcomes** (CLOs) will be assessed through the use of signature assignments. A rating scale will be used to determine the students' proficiency level of each CLO using specifically aligned assignments. The numerical ratings of 4, 3, 2 and 1 are not intended to represent the traditional school grading system of A, B, C, D and F. The descriptions associated with each of the numbers focus on the level of student performance for each of the course learning outcomes listed below.

**Rating Scale:**

4	=	Insightful
3	=	Proficient
2	=	Developing
1	=	Emerging

**CLO #1: Students will be able to demonstrate ability to intervene when a patient is experiencing altered immune response.**

4	Demonstrates ability to intervene when a patient is experiencing altered immune response by identifying clinical manifestation and emergency management of systemic anaphylactic reaction, describes etiologic factors, clinical manifestations, & treatment modalities of autoimmune diseases, and describes assessment and collaborative care of the patient with chronic allergies.
3	Demonstrates ability to intervene when a patient is experiencing altered immune response by identifying clinical manifestation and emergency management of systemic anaphylactic reaction, describes etiologic factors, clinical manifestations, & treatment modalities of autoimmune diseases.
2	Demonstrates ability to intervene when a patient is experiencing altered immune response by identifying clinical manifestation and emergency management of systemic anaphylactic reaction.
1	Demonstrates ability to recognize signs of anaphylactic reaction.

**CLO #2: Students will be able to demonstrate understanding of prevention of back of injuries.**

4	Exercises measures to prevent back injury; lists factors that affect a person's mobility; explains etiology, clinical manifestations, collaborative care, & nursing management of spinal cord injuries; demonstrates proper body mechanics.
3	Exercises measures to prevent back injury; lists factors that affect a person's mobility; explains etiology, clinical manifestations, collaborative care, & nursing management of spinal cord injuries.
2	Exercises measures to prevent back injury; lists factors that affect a person's mobility.
1	Exercises measures to prevent back injury.

**CLO #3: Students will be able to differentiate between a well-functioning digestive tract and a poorly functioning digestive tract.**

4	Differentiates normal from common abnormal findings of a physical assessment of the GI system; explains common etiologies, collaborative care, & nursing management of various GI problems; describes age-related changes in the GI system and identifies proper assessment of the GI system for the older client; assists patients to adapt to altered GI functions and preventive measures for problems of the GI tract.
3	Differentiates normal from common abnormal findings of a physical assessment of the GI system; explains common etiologies, collaborative care, & nursing management of various GI problems; describes age-related changes in the GI system and identifies proper assessment of the GI system for the older client.
2	Differentiates normal from common abnormal findings of a physical assessment of the GI system; explains common etiologies, collaborative care, & nursing management of various GI problems.
1	Differentiates normal from common abnormal findings of a physical assessment of the GI system.

**CLO #4: Students will be able to demonstrate understanding of the care and management of common disorders of the reproductive organs.**

4	Prepares a care plan and teaching outlines for common problems of the reproductive organs; identifies psychological and emotional implications related to reproductive problems; discusses patient teaching regarding early detection of prostate, cervical/uterine and testicular tumors; explains post-prostate resection care and the importance of each point; demonstrates adequate care of the patient who is undergoing hysterectomy.
3	Prepares a care plan and teaching outlines for common problems of the reproductive organs; identifies psychological and emotional implications related to reproductive problems; discusses patient teaching regarding early detection of prostate, cervical/uterine and testicular tumors; explains post-prostate resection care and the importance of each point.
2	Prepares a care plan and teaching outlines for common problems of the reproductive organs; identifies psychological and emotional implications related to reproductive problems; discusses patient teaching regarding early detection of prostate, cervical/uterine and testicular tumors.
1	Prepares a care plan and teaching outlines for common problems of the reproductive organs; identifies psychological and emotional implications related to reproductive problems.

**CLO #5: Students will be able to recognize the client at risk for fluid/electrolyte imbalance.**

4	Recognizes and prevents imbalance in person at risk for fluid/electrolyte imbalance; performs assessment on the patient receiving IV therapy; lists various functions fluid perform in the body; lists major goals of nursing care of the patient receiving IV therapy.
3	Recognizes and prevents imbalance in person at risk for fluid/electrolyte imbalance; performs assessment on the patient receiving IV therapy; lists various functions fluid perform in the body.
2	Recognizes and prevents imbalance in person at risk for fluid/electrolyte imbalance; performs assessment on the patient receiving IV therapy.
1	Recognizes and prevents imbalance in person at risk for fluid/electrolyte imbalance.