**COURSE TITLE: CARE OF ADULT PATIENT III**

**PLACEMENT: LEVEL III**

**TOTAL HOURS: 91**

**Course Description:** This course consists of theory and clinical experience in nursing care of adult patients with moderately complex medical and surgical disorders, including musculoskeletal, cardiac, urinary and reproductive disorders. It identifies the physical as well as psychological needs of patients with cancer and the dying patient. Integrated in this course are dietary modifications and pharmacology related to the treatment of these disorders.

**Methods of Instruction:** To implement the program, the instructor will utilize the following methods of instruction:

 1. Lecture and discussion

 2. Audiovisual aids

 3. Use of smartboard, bulletin board, and easel. 4. Assignment of related readings and discussion

 5. Computer-based assignments/Internet access

**Methods of Evaluation:**

 1. Class participation

 2. Written assignments

 3. Quizzes

 4. Examinations - satisfactory achievement of all examinations (83%)

 5. Achievement of the course objectives

 6. Student evaluation of course

**Texts:**

Lutz, Nutrition & Diet Therapy, F.A. Davis, 7th Edition, 2019

Linton, Introduction to Medical Surgical Nursing, Elsevier, 7th Edition, 2020

Linton, Introduction to Medical Surgical Nursing Study Guide, Elsevier, 7th Edition, 2020

Saunders Nursing Drug Handbook 2022

**References:**

Lutz, Nutrition & Diet Therapy, F. A. Davis, 7th Edition, 2019

USDA My Pyramid.gov @ [www.mypyramid.gov](http://www.mypyramid.gov)

Taber's Cyclopedic Medical Dictionary; F. A. Davis, 24th Edition, 2021

Olsen, Medical Dosage Calculations, Pearson, 11th Edition, 2016

Hopkins, LabNotes, FA Davis, 3rd Edition, 2015

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| **Objectives:** | At the completion of this course, the student practical nurse will: |  |
|  |  |  |  |
|  | 1. Identify acute/chronic disorders of upper/lower respiratory tract including nursing care, |
|  |  treatment and drug therapy. |
|  | 2. Discuss disorders of the GI tract including upper/lower digestive, liver, gallbladder, pancreas,  |
|  |  diagnostic tests, nursing care, treatment, and drug therapy. |
|  | 3. Describe problems affecting Endocrine function including nursing care, treatment and drug therapy. |
|  | 4. Identify Neurologic disorders including diagnostic tests, treatment, nursing care and drug therapy. |
|  | 5. Describe visual and auditory disorders and their effects on hearing and balance including diagnostic  |
|  |  tests, nursing care, treatment, and medications. |
|  | 6. Discuss symptoms and causes of various skin disorders including diagnostic tests, nursing care, |
|  |  treatment and drug therapy. |  |  |
|  | 7. Utilize the nursing process in meeting the biopsychosocial, spiritual and economic needs of patients with these  |
|  |  disorders in the clinical area. |
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| **UNITS OF INSTRUCTION:** |  |  |  |  |  |  |  |  |
|  | **Care of Adult Patient III** |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **Nursing Care of the Patient with Respiratory Disorders** |  |  |  |  |  |  |  |  |
|  | **Nursing Care of the Patient with Gastrointestinal Disorders** |  |  |  |  |  |  |
|  | **Nursing Care of the Patient with Endocrine Disorders** |  |  |  |  |  |
|  | **Nursing Care of the Patient with Neurologic Disorders** |  |  |  |  |  |  |
|  | **Nursing Care of Patient with Visual and Auditory Disorders** |  |  |  |  |  |  |
|  | **Nursing Care of Patient with Skin Disorders** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **Review and Examinations:** |
|  |  |  |  |  |  |  |
|  | **Care of Adult Patient III (Nutrition & Pharm.) Total Hours = 91 (Theory) 357 (Clinical)**  |  |  |  |
|  |  |  |  |  |
|  | **Total Level III Hours = 508 or 18 weeks**  |  |  |  |  |  |  |  |  |
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|  | **\*Final grade determined by the following percentage = Care of Adult Patient III = 100%** |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | **THEORY** | **CLINICAL** |
|  |  |  |  |  |  |  | **HOURS** |  | **Hours** |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **91** |  | **357**  |
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| **Unit Chapter Objective** | **Chapter Content** | **Teacher Activity** | **Student Activity** |
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| **Chapter 26** | **Disorders of the Upper Respiratory Tract** |  |  |
| Discuss the Anatomy and Physiology of the Upper Respiratory Tract.Identify Common Therapeutic MeasuresIdentify Disorders of the Nose and SinusesIdentify Disorders of the Throat List Disorders or the Larynx | 1. Nose, Sinuses, and Throat
2. Age related changes
3. Drug Therapy
4. Humidification
5. Tracheostomy
6. Surgical Interventions
7. Sinusitis
8. Nasal Polyps
9. Allergic Rhinitis
10. Acute Viral Coryza
11. Tumors
12. Epistaxis
13. Deviated Nasal Septum
14. Pharyngitis
15. Tonsillitis
16. Obstructive Sleep Apnea
17. Laryngitis
18. Laryngeal Polyps
19. Cancer of the Larynx
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 27** | **Acute Disorders of the Lower Respiratory Tract** |  |  |
| Discuss the Anatomy and Physiology of the Lower Respiratory Tract.Identify Radiologic Studies and Diagnostic TestsDiscuss Therapeutic MeasuresDiscuss Disorders of the Respiratory System | 1. Trachea
2. Bronchi
3. Lungs
4. Mechanical Breathing
5. Age Related Changes
6. X-Ray
7. Cat Scan/MRI
8. Imaging/Tomography
9. Thoracentesis
10. Breathing Exercises
11. Humidification and Aerosol Therapy
12. Oxygen Therapy
13. Intermittent Positive Pressure Breathing
14. Artificial Airway
15. Mechanical Ventilation
16. Chest Tubes
17. Thoracic Surgery
18. Drug Therapy
19. Acute Viral Rhinitis (Common Cold)
20. Acute Bronchitis
21. Influenza
22. Pneumonia
23. Pleurisy (Pleuritis)
24. Chest Trauma
25. Pneumothorax
26. Hemothorax
27. Rib Fractures
28. Flail Chest
29. Pulmonary Embolus
30. Acute Respiratory Distress Syndrome (ARDS)
 | **Lecture:**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 28** | **Chronic Disorders of the Lower Respiratory Tract** |  |  |
| Describe Obstructive Pulmonary Disorders (COPD)Identify Common Therapeutic MeasuresIdentify Chronic Restrictive Pulmonary Disorders | 1. Asthma
2. Chronic Bronchitis
3. Emphysema
4. Cystic Fibrosis
5. Bronchiectasis
6. Drug Therapy
7. Oxygen Therapy
8. Surgical Intervention
9. Tuberculosis
10. Interstitial Lung Disease
11. Idiopathic Pulmonary Fibrosis
12. Sarcoidosis
13. Occupational Lung Diseases
14. Lung Cancer

  | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 38** | **Upper Digestive Tract Disorders** |  |  |
| Review of the Upper Digestive Tract SystemDiscuss Common Therapeutic MeasuresDiscuss Disorders of IngestionIdentify Disorders Affecting Digestion and Absorption | 1. Mouth
2. Pharynx
3. Esophagus
4. Stomach
5. Age Related Changes
6. GI Intubation
7. Tube Feeds
8. GI Decompression
9. Total Parental Nutrition
10. GI Surgery
11. Drug Therapy
12. Surgical Intervention
13. Anorexia
14. Feeding Problems
15. Oral Cavity Inflammation and Infections
16. Disorders of Teeth and Gums
17. Oral Cancer
18. Parotitis
19. Achalasia
20. Esophageal Cancer
21. Nausea and Vomiting
22. Hiatal Hernia
23. Gastroesophageal Reflux Disease
24. Gastritis
25. Peptic Ulcer
26. Stomach Cancer
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 39** | **Lower Digestive Tract Disorders** |  |  |
| Review of the Lower Digestive Tract SystemDiscuss Common Therapeutic MeasuresDiscuss Lower GI Tract Disorders | 1. Small Intestine
2. Large Intestine
3. Anus
4. Age related changes
5. Surgery Intervention
6. Drug Therapy
7. Obesity
8. Malabsorption
9. Diarrhea
10. Constipation
11. Intestinal Obstruction
12. Appendicitis
13. Peritonitis
14. Abdominal Hernia
15. Inflammatory Bowel Disease
16. Diverticulosis
17. Colorectal Cancer
18. Polyps
19. Hemorrhoids
20. Anal Rectal Abscess
21. Anal Fissure
22. Anal Fistula
23. Pilonidal Cyst
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 40** | **Liver, Gallbladder, and Pancreatic Disorders** |  |  |
| Review Biliary Tract and PancreasList Common Disorders of the LiverIdentify Therapeutic MeasuresList Disorders of the GallbladderList Disorders of the PancreatitisCommon Therapeutic Measures | 1. Bile Production and Excretion
2. Metabolism
3. Age Related Changes
4. Hepatitis
5. Alcohol-Induced Liver Disease
6. Cirrhosis
7. End-Stage Liver Disease
8. Cancer of the Liver
9. Drug Therapy
10. Nutrition
11. Liver Transplantation
12. Cholecystitis
13. Cholelithiasis
14. Cancer of the Gallbladder
15. Pancreatitis
16. Cancer of the Pancreas
17. Drug Therapy
18. Surgical Intervention

  | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 48** | **Pituitary and Adrenal Disorders** |  |  |
| Discuss the Anatomy of the Anterior and Posterior Pituitary GlandsDiscuss Therapeutic Measures Identify Anterior and Posterior DisordersReview of the Adrenal GlandsIdentify Common Therapeutic MeasuresList the Disorders of the Adrenal GlandDiscuss Therapeutic Measures | 1. Hormones of Anterior
2. Hormones or Posterior
3. Age Related Changes

 1. Drug Therapy
2. Surgical Intervention
3. Hyperpituitarism
4. Hypopituitarism
5. Diabetes Insipidus
6. Syndrome of Inappropriate Antidiuretic Hormone
7. Medulla
8. Cortex
9. Hormones
10. Age Related Changes
11. Drug Therapy
12. Surgical Intervention
13. Adrenal Hypofunction (Addison Disease)
14. Adrenal Hypersecretion (Cushing Syndrome)
15. Pheochromocytoma
16. Pharmacological Intervention
17. Surgical Intervention
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 49** | **Thyroid and Parathyroid Disorders** |  |  |
| Discuss the Anatomy and Physiology of the Thyroid GlandDiscuss Disorders of the ThyroidDiscuss Therapeutic MeasuresOutline the Anatomy and Physiology of the Parathyroid GlandDiscuss Disorders of the Parathyroid | 1. Hormones
2. Age Related Changes
3. Hyperthyroidism (Graves Disease)
4. Hypothyroidism
5. Thyroid Cancer
6. Medical Intervention
7. Surgical Interventions
8. Drug Therapy
9. Signs and Symptoms
10. Hormones
11. Age Related Changes
12. Hyperparathyroidism
13. Hypoparathyroidism
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapters 50** | **Diabetes Mellitus and Hypoglycemia** |  |  |
| Discuss Diabetes MellitusIdentify the Condition Hypoglycemia | 1. Pathophysiology
2. Role of Insulin
3. Oral Hypoglycemic
4. Cause
5. Risk Factors
6. Complications
7. Prevention and Treatment
8. Nutritional Management
9. Exercise
10. Self-Monitoring
11. Pathophysiology
12. Medical Diagnosis
13. Signs and Symptoms
14. Medical Management
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 22** | **Neurologic Disorders** |  |  |
| Discuss the Anatomy and Physiology of the Neurologic SystemList Disorders of the Nervous System | 1. Sympathetic Nervous System
2. Parasympathetic Nervous System
3. Age Related Changes
4. Pathophysiology
5. Diagnostic Test and Procedures
6. Therapeutic Measures
7. Increased Intracranial Pressure
8. Headache
9. Seizure
10. Head Injury
11. Brain Tumors
12. Infectious and Inflammatory Conditions
13. Guillain-Barre Syndrome
14. Parkinson Syndrome
15. Multiple Sclerosis
16. Amyotrophic Lateral Sclerosis (ALS)
17. Huntington Disease
18. Myasthenia Gravis
19. Trigeminal Neuralgia (TIC Douloureux)
20. Neurofibromatosis
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 23** | **Cerebrovascular Accident** |  |  |
| Discuss Cerebral Vascular Accident | 1. Transient Ischemic Attack (TIA)
2. Risk Factors
3. Signs and Symptoms
4. Treatment
5. Medical Diagnosis
6. Medications
7. Health History
8. Physical Impairment
9. Neurologic Impairment
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 24** | **Spinal Cord Injury** |  |  |
| Discuss Spinal Cord Injury | 1. Diagnostic Tests and Procedures
2. Imaging Studies
3. Pathophysiology of Spinal Cord
4. Types of Injuries
5. Signs and Symptoms
6. Medical Management
7. Risk Factors
8. Complications
9. Rehabilitation
10. Surgical Invention
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 59** | **Eye and Vision Disorders** |  |  |
| Discuss the Structures of the EyeList Therapeutic Measures for Eye DisordersIdentify Disorders of the Eye and VisionList Internal Eye Disorders | 1. External Structures
2. Eyeball
3. Visual Pathway
4. Age Related Changes
5. Visual Impairment
6. Medical Treatment
7. Drug Therapy
8. Surgical Intervention
9. Infectious and Inflammatory Conditions
10. Entropion and Ectropion
11. Corneal Opacity
12. Errors of Refraction
13. Cataract
14. Glaucoma
15. Retinal Detachment
16. Senile Macular Degeneration
17. Enucleation
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 60** | **Ear and Hearing Disorders** |  |  |
| Identify the Anatomy and Physiology of the EarCommon Therapeutics MeasuresList Disorders Affecting Hearing and Balance | 1. External Ear
2. Middle Ear
3. Inner Ear
4. Age Related Changes
5. Adaptations
6. Hearing Aid
7. Drug Therapy
8. Surgical Interventions
9. Infection and Inflammation
10. Foreign Bodies & Cerumen
11. Otitis Media
12. Otosclerosis
13. Labyrinthitis
14. Meniere Disease
15. Presbycusis
16. Ototoxicity
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |
| **Chapter 57** | **Skin Disorders** |  |  |
| Review Anatomy and Function of the skin including age related changes and abnormal skin lesions.Lecture/Discussionvarious skin condition(s), causes, s/s, treatmentLecture/DiscussionWound treatments, common medications used to treat and types of surgical interventions specific to skin conditions. | 1. Function
2. Age Related Changes
3. Skin Lesions
4. Pruritus
5. Atopic Dermatitis (Eczema)
6. Psoriasis
7. Fungal Infections
8. Acne
9. Herpes Simplex
10. Herpes Zoster
11. Skin Cancer
12. Nail Disorders
13. Burns
14. Wound Therapy
15. Drug Therapy
16. Surgical Intervention
 | **Lecture**DiscussionWhite boardOverhead transparenciesUnit test/examination | **Student will:**Read chaptersTake notes in classTake unit test and achieve a passing grade of 83% or higherRemediation with nurse tutorDownload instructor power point |

**Bibliography**

Internet Access to Articles