**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: | |  |
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|  | 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** |  |  |  |  |  | | |  |  |  |
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|  | **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** | | |  |  |  | | |  |  |  |
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|  | **Review and Examinations:** | | | | | | | | | | |
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|  | **Care of Adult Patient III (Nutrition & Pharm.) Total Hours = 91 (Theory) 357 (Clinical)** | | | | | | | |  |  |  |
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|  | **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 Measures  Identify Disorders of the Nose and Sinuses  Identify 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download 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 Tests  Discuss Therapeutic Measures  Discuss 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:**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 28** | **Chronic Disorders of the Lower Respiratory Tract** |  |  |
| Describe Obstructive Pulmonary Disorders (COPD)  Identify Common Therapeutic Measures  Identify 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 38** | **Upper Digestive Tract Disorders** |  |  |
| Review of the Upper Digestive Tract System  Discuss Common Therapeutic Measures  Discuss Disorders of Ingestion  Identify 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 39** | **Lower Digestive Tract Disorders** |  |  |
| Review of the Lower Digestive Tract System  Discuss Common Therapeutic Measures  Discuss 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 40** | **Liver, Gallbladder, and Pancreatic Disorders** |  |  |
| Review Biliary Tract and Pancreas  List Common Disorders of the Liver  Identify Therapeutic Measures  List Disorders of the Gallbladder  List Disorders of the Pancreatitis  Common 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 48** | **Pituitary and Adrenal Disorders** |  |  |
| Discuss the Anatomy of the Anterior and Posterior Pituitary Glands  Discuss Therapeutic Measures  Identify Anterior and Posterior Disorders  Review of the Adrenal Glands  Identify Common Therapeutic Measures  List the Disorders of the Adrenal Gland  Discuss 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 49** | **Thyroid and Parathyroid Disorders** |  |  |
| Discuss the Anatomy and Physiology of the Thyroid Gland  Discuss Disorders of the Thyroid  Discuss Therapeutic Measures  Outline the Anatomy and Physiology of the Parathyroid Gland  Discuss 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapters 50** | **Diabetes Mellitus and Hypoglycemia** |  |  |
| Discuss Diabetes Mellitus  Identify 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 22** | **Neurologic Disorders** |  |  |
| Discuss the Anatomy and Physiology of the Neurologic System  List 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 59** | **Eye and Vision Disorders** |  |  |
| Discuss the Structures of the Eye  List Therapeutic Measures for Eye Disorders  Identify Disorders of the Eye and Vision  List 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 60** | **Ear and Hearing Disorders** |  |  |
| Identify the Anatomy and Physiology of the Ear  Common Therapeutics Measures  List 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |
| **Chapter 57** | **Skin Disorders** |  |  |
| Review Anatomy and Function of the skin including age related changes and abnormal skin lesions.  Lecture/Discussion  various skin condition(s), causes, s/s, treatment  Lecture/Discussion  Wound 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**  Discussion  White board  Overhead transparencies  Unit test/examination | **Student will:**  Read chapters  Take notes in class  Take unit test and achieve a passing grade of 83% or higher  Remediation with nurse tutor  Download instructor power point |

**Bibliography**

Internet Access to Articles