COURSE STRUCTURE

Theory Component

The theory component of the LPN Independent Study Refresher Course (120 hours) is based upon a textbook (*Textbook of Basic Nursing, 10th edition*, by Rosdahl and Kowalski) and accompanied by online study modules to help direct and reinforce learning. The theory portion is arranged into ten major modules, with an examination after each module. A list of the modules and the units are as follows:

**Module 1**

- Unit A Nursing Roles and Responsibilities
- Unit B Legal and Ethical Issues
- Unit C Basic Human Needs and Health of all People
- Unit D Transcultural Nursing
- Unit E Community Health

**Module 2**

- Unit A Microbes, People, and Disease Transmission
- Unit B Medical Asepsis
- Unit C Infection Control
- Unit D Emergency Response and Care

**Module 3**

- Unit A Body Mechanic Principles
- Unit B Nursing Process
- Unit C Charting and Reporting
- Unit D Therapeutic Communication

**Module 4**

- Unit A Nutrition
- Unit B Vital Signs and Data Collection
- Unit C Elimination and Specimen Collection
- Unit D Comfort and Pain Management
- Unit E Applying Heat and Cold
- Unit F Personal Hygiene
Module 5

- Unit A Postoperative Care
- Unit B Skin Care
- Unit C Oxygenation Therapy

Module 6

- Unit A Lifespan
- Unit B Death and Dying

Module 7

- Unit A Measurements, Conversions, and Dosage Calculations
- Unit B Introduction to Pharmacology
- Unit C Classifications of Medications

Module 8

- Unit A Assessment Skills
- Unit B General Physical Survey
- Unit C Head-to-Toe Assessment

Module 9

- Unit A Basic Pathophysiology
- Unit B Fluid and Electrolyte Imbalance
- Unit C Disorders in Fluid and Electrolyte Imbalance

Module 10

- Unit A Dementias and Related Disorders
- Unit B Substance Abuse

Virtual Skills Lab Module

1. Assessing Vital Signs
2. Assessing Blood Pressure
3. Monitoring with Pulse Oximetry
4. Assessing Heart Sounds and Lung Sounds
5. Physical Assessment Simulation
6. Medication Administration: Ten Rights
7. Giving Injectable Medications
8. Applying and Removing Sterile Gloves
9. Inserting a Nasogastric Tube
10. Inserting an Indwelling Foley Catheter
11. Measuring Blood Glucose by Skin Puncture
12. Administering Oxygen by Nasal Cannula or Mask
13. Electronic Medical Records
COURSE STRUCTURE

Theory Component

The theory component of the RN Independent Study Refresher Course (145 hours) is based upon a textbook (Fundamentals of Nursing – Human Health and Function, 7th edition, by Craven, Hirshle and Jensen) and accompanied by online study modules to help direct and reinforce learning. The theory portion is arranged into fourteen major modules, with an examination after each module. A list of the modules and the units are as follows:

Module 1: Nursing Today: Issues, Concerns, and Challenges

- Unit I: Issues, Trends, and Challenges
- Unit II: Legal and Ethical Issues in Nursing Today
- Unit III: Cultural Diversity

Module 2: Pharmacology Review

- Unit I: Nursing and Drug Therapy
- Unit II: Dosage Calculations
- Unit III: Overview of Pharmacotherapeutic Agents

Module 3: Caring for the Patient with an Alteration in Health Perception/Health Management Pattern

- Unit I: Health Perception and Maintenance

Module 4: Caring for the Patient with an Alteration in Activity-Exercise Pattern

- Unit I: Factors that Affect Mobility
- Unit II: Pathophysiology of Altered Mobility and Inactivity
- Unit III: Effects of Altered Mobility on the Activities of Daily Living
- Unit IV: Safety in the Home and Healthcare Environment

Module 5: Caring for the Patient with an Alteration in the Nutrition-Metabolic Pattern

- Unit I: Maintaining Fluid-Electrolyte and Acid-Base Homeostasis
- Unit II: Nutrition
- Unit III: Skin Integrity and Wound Healing
- Unit IV: Asepsis and Infection Control