COURSE OUTLINE

LPNC 101 – PN Fundamentals

Prepared By: Christine Thompson
A. TITLE: PN Fundamentals

B. COURSE NUMBER: LPNC 101

C. CREDIT HOURS: 8

D. WRITING INTENSIVE COURSE: No

E. COURSE LENGTH: 15 weeks

F. SEMESTER(S) OFFERED: Fall

G. HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:

- 3 lecture hours per week
- 3 lab hours per week
- 12 clinical hours per week

1 credit = 50 minutes of lecture or three hours of lab/clinical

CATALOG DESCRIPTION:

This course examines the evolution of nursing including current trends and introduces the health care delivery system to the student. Communication techniques, including documentation, are explored. Legal and ethical considerations and the role of the LPN within healthcare are examined. Students will be encouraged to utilize the nursing process and critical thinking in providing nursing care to clients who are at various points on the health-illness continuum. In lab, students will develop skills fundamental to the practice of nursing. Lab and theoretical content will be applied in the long-term care setting.

PRE-REQUISITES/CO-REQUISITES:

- Practical nursing certificate students only
- BIOL 217 Human Anatomy and Physiology I
- ENGL 101 Composition and the Spoken Word
- LPNC 100 Drug Dosage Calculations and Pharmacology

GOALS (STUDENT LEARNING OUTCOMES):

By the end of this course, the student will be able to:
### K. TEXTS:

ATI Package (Required)


### L. REFERENCES: None

### M. EQUIPMENT: Laptop with internet capability, stethoscope, uniforms, Adult size manual sphygmomanometers, penlight, watch capable of counting seconds, Bandage scissors

### N. GRADING METHOD: A-F
N. MEASUREMENT CRITERIA/METHODS:

a. Instructional Methods:
   1. Lecture
   2. Videos
   3. Case studies

b. Learning Activities:
   1. Exam Remediation
   2. Student polls and discussion
   3. Critical thinking discussion of case studies
   4. Concept maps
   5. NCLEX question analysis and discussion
   6. One-minute self-reflection (1 minute paper)

c. Evaluation Methods:
   1. Exams (# of exams)
   2. Prep-U assignments
   3. Case studies

d. Concept maps
   1. Skill competency testing
   2. Clinical evaluation

P. DETAILED COURSE OUTLINE:
I. Infection Control Principles
II. Professional Issues
   a. Succeeding as a PN student
   b. Nursing history
   c. Nursing theory
   d. Role of the LPN in healthcare
   e. Professional organizations

III. Health Care Delivery Systems
   a. Healthcare agencies
   b. Healthcare team members and responsibilities
   c. Models of care

IV. Current Trends in Health Care
   a. Aging population
   b. Managed care
   c. Health career economics

V. Legal and Ethical Issues in Health Care
   a. Regulation of practical nursing
   b. Legal aspects
      i. Physician’s orders
      ii. Documentation
         ▪ Client records
         ▪ Guidelines for documenting
         ▪ Confidentiality
- Documentation systems
- Documentation models
- Reporting
  c. Incident reports
    i. Consent
    ii. Controlled substances
    iii. Harassment
    iv. Professional boundaries
  d. Ethical
    i. Ethical and moral concepts
    ii. Nursing ethics

VI. Therapeutic Communication
  a. Factors influencing communication
  b. Types of communication
  c. Therapeutic communication techniques
  d. Interviewing clients

VII. Cultural Considerations
  a. Transcultural care
  b. Communication considerations

VIII. Nursing Process and Critical Thinking
  a. Problem solving techniques
  b. Reasoning
  c. LPNs and their role in the nursing process
    i. Assessment
    ii. Diagnosis
    iii. Planning
    iv. Implementation
    v. Evaluation

IX. Health-Illness Continuum
X. Admission and Discharge Responsibilities
XI. Nutrition, Fluid and Electrolytes (F&E), Acid-Base Balance
XII. Nutrients and minerals
  a. Normal diet
  b. Special diets
  c. Fluids
  d. Electrolytes
  e. Regulating F&E
  f. Acid-base balance
  g. Acid-base imbalances
    i. Respiratory acidosis
    ii. Respiratory alkalosis
    iii. Metabolic acidosis
    iv. Metabolic alkalosis

Q. LABORATORY OUTLINE:
I. Infection control
  a. Handwashing
  b. Personal protective equipment
  c. Establishing and maintain a sterile field
d. Applying sterile gloves

II. Activity, rest and sleep
   a. Passive range of motion
   b. Moving a client in bed
   c. Transferring a client
   d. Assisting a client to ambulate
   e. Massage
   f. Applying heat and cold

III. Hygiene
   a. Bathing
   b. Hair care
   c. Nail care
   d. Oral care
   e. Cleaning and maintaining ear and visual aids
   f. Changing a bed

IV. Assessment
   a. Vital signs
      i. Temperature
      ii. Pulse
      iii. Respiration
      iv. Blood pressure
      v. Pain
      vi. Pulse oximetry
   b. Focused physical assessment
      i. General appearance
      ii. Neurological Status
         • Level of consciousness (LOC)
         • Verbal response
         • Motor response
         • PERRLA
      iii. Skin
      iv. Cardiovascular
         • Apical pulse
         • Peripheral pulses
      v. Respiratory
         • Posterior thorax
         • Anterior thorax
      vi. Abdominal assessment
      vii. Genitourinary
         • I&O
         • Distended bladder
   g. Musculoskeletal
   c. Nutrition, Fluid and Electrolytes, Acid-Base Balance
      i. Feeding a client
      ii. Intake and output
   d. Elimination
      i. Administering an enema
      ii. Specimen collection
e. Medication administration
   i. Oral
      • Tablets
      • Capsules
      • Liquids
   ii. Injections
      • IM
      • Subcutaneous
      • Intradermal
   iii. Suppositories
   iv. Topicals
   v. Eye drops/ointments
   vi. Ear drops
   vii. Inhalation