

University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
Fort Smith, AR 72913-3649
479-788-7000

General Syllabus

LPN 1187 Fundamentals I

Credit Hours: 7 Lecture Hours: 3 Laboratory Hours: 4 Clinical Hours: 6

Prerequisites: BIOL 1433/1431 Basic Anatomy and Physiology/Laboratory, HLTH 1473 Medical Terminology, and BLS Certification – American Heart Association BLS for Healthcare Providers

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

An eight-week course that introduces the fundamental principles, skills, attitudes, and common procedures used to give safe nursing care. Included are the basic concepts of vocational, legal and ethical nursing issues and concepts of nutrition and pharmacology.

B. Additional Information

The fundamentals of nursing, nutrition, and pharmacology are introduced at this time to prepare the student for initial patient care in the Practical Nursing program. The focus on basic human needs is emphasized with explanations to the principles and rationale for carrying out various procedures.

Students are given the opportunity to practice techniques and skills during supervised skills lab sessions. The Health Learning Resource Center (HLRC) is available for student throughout the course for assistance with accessing online videos; utilizing written resources; demonstration of techniques and skills and for remediation for further practice. Students then demonstrate the designated skills for the instructor to evaluate. Each student is required to successfully demonstrate the required techniques and skills to continue within the program.

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. **Assessment and Intervention Skills:** Perform complete head to toe assessments; recognize deviations from the norm
2. **Communication Skills:** Use proper grammar and spelling; use correct medical terminology in written and oral communication.
3. **Critical Thinking Skills:** Begin to use critical thinking to analyze assessment data; base decision making on theory and basic knowledge.
4. **Human Caring and Relationship Skills:** Treat peers and faculty with respect; recognize cultural diversity.
5. **Teaching/Health Promotion Skills:** Participate in peer learning during mock Competency Performance Exams (CPE).
6. **Management Skills:** Demonstrate time management by completing assignments on time; recognize personal weaknesses and plan for remediation or extra practice in the lab.
7. **Leadership Skills:** Take responsibility for group demonstration of competency during student led mock CPEs.
8. **Knowledge and Integration Skills:** Complete the course with an average of 77% or greater on Competency Performance Assessments (CPA); demonstrate competency during CPEs; demonstrate competency and passing grade as determined on Clinical Evaluation Tool (CET).

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: Students will use critical thinking skills to identify and develop solutions in the clinical setting for health and safety problems/issues.

Quantitative Reasoning: Students will use quantitative skills in the calculation of correct medication dosages.

Communication Skills (written and oral)

Students will correctly document all patient care administered.

Global and Cultural Perspectives

Students will reflect upon cultural differences and their implications when interacting with patients and families of cultures other than their own.

III. Major Course Topics

- A. Evolution of Nursing
- B. Body Mechanics and Patient Mobility
- C. Medical Asepsis
- D. Hygiene and Care of the Patient's Environment: Bathing, Personal Care and Bed Making
- E. Oral Care, Feeding Patients, Swallowing Problems including Nasogastric and PEG Tubes

- F. Cultural and Ethnic Considerations
- G. Safety
- H. Vital Signs
- I. Life Span Development
- J. Wound Care/Pressure Ulcers/Sterile Gloving
- K. Abbreviations
- L. Overview of Legal Issues and HIPAA Requirements
- M. Physical Assessment
- N. Communication
- O. Assisting with Elimination
- P. Urinary Catheterization
- Q. Admissions, Discharge, and Transfers
- R. Fluid and Electrolytes Intake and Output
- S. Pharmacology – Mathematics Review and Dosage Calculation
- T. Impactions, Enemas, Douche, and Bladder Irrigation
- U. Nursing Process and Critical Thinking
- V. Documentation
- W. Health Promotion and Care of the Older Adult
- X. Long-Term Care
- Y. Nutrition: Basic Nutrition and Nutrition Therapy
- Z. The Nutritional Care Process in the Health Care Setting
- AA. Specimen Collection and Diagnostic Exams
- BB. Foundations of Pharmacology
- CC. Principles of Drug Action and Drug Interaction
- DD. Drug Action Across the Life Span
- EE. The Nursing process and Pharmacology
- FF. Patient Education and Health Promotion
- GG. Growth Development Issues in Promoting Good Health Nutrition over the Adult Life Span
- HH. Bioterrorism