

Associate of Applied Science in Practical Nursing

Description

This program prepares students to meet the licensure requirements for Licensed Practical Nurse (LPN), as established by the Louisiana State Board of Practical Nurse Examiners (LSBPNE). The program consists of classroom instruction, lab practicum and supervised clinical activities in accredited hospitals, nursing homes, and other health care agencies. Upon successful completion of the program, the student is awarded a diploma and is eligible to apply to take the National Council of State Boards Licensure Examination for Practical Nurses (NCLEX-PN).

Program Learning Objectives

1. Provide safe patient-centered care that is culturally and developmentally appropriate.
2. Practice within legal, ethical, and professional scope of a Licensed Practical Nurse.
3. Make clinical nursing judgements based on evidence-based practice.
4. Minimize the risk of harm to patients by using evidence-based practice, nursing informatics, and individual performance.
5. Communication Skills - Develop, interpret, and express ideas and information through written, oral and visual communication that is adapted to purpose, structure, audience, and medium.
6. Critical Thinking Skills - Gather, analyze, synthesize, evaluate and apply information for the purposes of innovation, inquiry, and creative thinking.
7. Empirical and Quantitative Skills - Apply mathematical, logical and scientific principles and methods through the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
8. Personal Responsibility - Identify and apply ethical principles and practices to decision-making by connecting choices, actions and consequences.
9. Social Responsibility (Civic and Cultural Awareness) - Analyze differences and commonalities among peoples, ideas, aesthetic traditions, and cultural practices to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.
10. Scientific Reasoning - Apply scientific concepts to explain the natural world.

Curriculum

Course #	Course Title	Lecture/ Lab Cr Hours	Credit Hours	Lecture clock Hours.	Lab/ Clinical Hours.	Total Clock Hours
Prerequisite Courses						
CPTR 1002	Computer Literacy and Applications	2/2	3	30	60	90
Required Practical Nursing Courses:						
HNUR 1211	Nursing Fundamentals (summer)	2/1	4	45	30	75
HNUR 1212	Geriatric Clinical (summer)	0/1	1	0	45	45
CTC - Health Care Aid			8	75	135	210
Level A1 --1st group of classes						
HNUR 1000	PN Applications	2/0	2	60	0	60
HNUR 1100	Anatomy and Physiology for PNs	5/0	5	90	0	90
HNUR 1322	Nutritional Aspects	2/0	2	30	0	30
Level I--Fall						
HNUR 1363	Basic Pharmacology (16 weeks)	2/1	3	30	30	60
HNUR 1411	Nursing Fundamentals II (16 weeks)	2/2	4	30	60	90
HNUR 2522	Mental Illness/Psychiatric Nursing (16 weeks)	2/1	3	30	30	60
Level II--Spring						
HNUR 1460	Advanced Pharmacology (16 weeks)	3/0	3	45	0	45
HNUR 2611	IV Therapy (1st 8 weeks)	1/0	1	30	0	30
HNUR 2118	Medical Surgical I (16 weeks)	4/4	8	80	180	260
Level II--Summer						
HNUR 2128	Medical Surgical II (8 weeks)	4/4	8	80	180	260
HNUR 2722	Pediatrics (8 weeks)	1/1	2	35	30	65
Level III--Fall						
HNUR 2138	Medical Surgical III (16 weeks)	4/4	8	80	180	260
HNUR 2712	Obstetrics (16 weeks)	1/1	2	35	30	65
HNUR 2812	PN Leadership and Management (16 weeks)	1/1	2	30	30	60
TD - Practical Nursing			61	760	885	1645
<i>Lab 185/700 clinical</i>						
ENG 1015	English Composition I	3/0	3	45	0	45
MATH 1015	College Algebra	3/0	3	45	0	45
PSYC 2015	Introduction to Psychology	3/0	3	45	0	45
BIOL 1010	General Biology I	3/0	3	45	0	45
HIST 1010 or HIST 1020 or HIST 2010 or HIST 2020	Western Civilization I or Western Civilization II or American History I or American History II	3/0	3	45	0	45
AAS - Practical Nursing			76	985	885	1870

Course Descriptions

BIOL 1010 General Biology I

This course introduces non-majors to science through a study of the basic principles of biology and will focus on the unity and diversity of life. The topics will include biological chemistry, metabolism, cell biology, molecular biology, genetics, evolution, and ecology.

CPTR 1002 Computer Literacy & Applications

This course is an introductory study and application of computer system components and operating system environments. Internet concepts, electronic mail, and core components of word processing, database management, spreadsheets, and presentation software will also be addressed.

ENG 1015 English Composition

This course focuses on drafting and revising academic writing assignments that will guide you through the research process in preparation for writing one longer persuasive research essay. All writing assignments emphasize the importance of writing processes, such as brainstorming, drafting, and revising.

HIST 1010 Western Civilization I

This course is surveying the periods from to the earliest cultures to 1648 and includes the contributions of the Romans and the Christian church, feudalism and rise of national states and ends with the Renaissance and Reformation.

HIST 1020 Western Civilization II

The purpose of this course is to provide an overview of the major political, social, and economic transformations that have shaped the world from the period following the Reformation to today. They will look closely at the ways in which societies and individuals have responded to changes through time.

HIST 2010 American History I

A survey of American history through the pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras.

HIST 2020 American History II

This course is a survey of American history beginning after reconstruction including industrial expansion and related problems, imperialism, World War I and aftermath, depression and New Deal, World War II, and the area of growth and expansion since the war.

HNUR 1000 PN Applications

This course includes information regarding vocational adjustments and personal, family, and community health issues. It expounds on the role of the practical nurse, practical nursing education and the Law Relating to the Practice of Practical Nursing as defined by the Louisiana State Board of Practical Nurse Examiners (LSBPNE), including the Louisiana Revised Statutes, Title 37, Chapter 11, Subpart II - Practical Nurses and LAC 46: XLVII.Nursing, subpart 1- Practical Nurses. Ethical/legal/cultural issues and trends, communication techniques, and personality development are addressed. It includes discussion of the concepts of health maintenance with identification of

local, state, and national health resources available for maintenance of health. Also included is an introduction to the normal aging process, including biological, psychosocial, cultural, spiritual, and pharmacological factors, including health maintenance throughout the life cycle. Additional topics covered in this course will include rehabilitative/restorative care and support of end-of-life issues utilizing therapeutic and preventive measures. Also included in this course is 15 hours of medical terminology, to include common medical/nursing abbreviations. Medical terminology provides the student with basic medical language skills of pronunciation, spelling, and definitions as a foundation for developing the degree of competency required to read and understand medical reports and communicate with other medical professionals.

HNUR 1100 Anatomy and Physiology for PNs

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will learn the mechanisms for maintaining homeostasis within the human body. This course will include projects and activities with the use of textbook material, models, diagrams, and clinical studies.

HNUR 1211 Nursing Fundamentals I

Theory (45hrs) and supervised skills lab (30hrs) experiences that focus on providing basic nursing skills to meet the physiological, psychosocial, socio-cultural, and spiritual needs of clients in various health care environments. Infection control information and skills are presented as part of this course. Omnibus Budget Reconciliation Act (OBRA) guidelines are presented as an application of the nursing process in the management of clients with health alterations.

HNUR 1212 Geriatric Clinical I

This course prepares graduates to lead an aged care workforce in providing clinical care for elderly people with special care needs. The course covers major areas of complex care need, such as dementia, medication management, nutrition, continence management and falls prevention.

HNUR 1322 Nutritional Aspects

Normal nutrition and the modification of the principles of normal nutrition for therapeutic purposes are studied. This course includes the role of the essential nutrients of proteins, carbohydrates, fats, vitamins, minerals, and water in the maintenance of good health and wellness for all ages. Also includes disease processes as it relates to nutrition.

HNUR 1363 Basic Pharmacology

Medical math is an integral component of this course. The terminology and principles of medication administration are presented in this course. It includes medication assessment, procedures for administration of oral, parenteral, topical, irrigation and instillation routes/methods, along with basic dosage calculations of medications/intravenous fluid rates. Safety precautions, guidelines and documentation are emphasized.

HNUR 1411 Nursing Fundamentals II

This course includes 30 hrs. of theory and 60hrs of supervised skills lab experiences that focus on providing practical nursing skills to meet the physiological, psychosocial, socio-cultural, and spiritual needs of clients in various healthcare environments. Advanced skills are presented through the application of the nursing process to assist in the management of all aged clients with health alterations.

HNUR 1460 Advanced Pharmacology

Drug classifications and their effect on the various body systems are presented. Specific drugs in each classification are emphasized according to expected effects, side effects, and adverse effects. Routes of drug administration and variables that influence drug action are covered including dangerous drug interactions and nursing implications related to each drug. Safety precautions which will help to decrease the incidence of errors in medication administration are stressed. Advanced medication calculations will be required to demonstrate knowledge of safe dosing parameters. The nursing process is utilized to assess the clients' learning needs and effects of all pharmacological interventions.

HNUR 2118 Medical Surgical I

This course is a study of the nursing process as a method of individualizing patient care with special emphasis directed towards essential concepts related to body fluid/water, electrolytes, and acid-base balance, care of the perioperative adult client and the adult client experiencing alterations in cardiovascular/lymphatic/immune functioning. Included is a review of anatomy & physiology, and therapeutic/modified diets for each body system addressed. Pharmacological interventions/commonly used medications for each body system addressed are discussed at length. Geriatric considerations are addressed.

HNUR 2128 Medical Surgical II

This course includes theory related to nursing care provided to adult clients experiencing alterations in the respiratory, gastrointestinal, endocrine, and integumentary function. Care of the adult client with a neoplastic disorder is also included. Included is a review of anatomy and physiology, and therapeutic/modified diets for each body system addressed. Pharmacological interventions/commonly used medications for each body system addressed are discussed at length. Geriatric considerations are addressed. Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to multiple clients in approved health care facilities under the supervision and discretion of practical nursing faculty. Critical thinking skills are encouraged while the student learns to make interdependent practical nursing decisions. This course includes a 180-hour clinical component.

HNUR 2138 Medical Surgical III

Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to multiple clients experiencing serious illnesses in approved health care facilities under the supervision and discretion of practical nursing faculty. Critical thinking skills are utilized while the student begins to make interdependent practical nursing decisions. Students will be expected to perform clinical skills with in-direct supervision of the clinical instructor. This course includes a 180-hour clinical component.

HNUR 2522 Mental Illness/Psychiatric Nursing

This is the study of the client experiencing emotional, mental, and social alterations utilizing the nursing process approach with integrated pharmacology and application of life span principles. Geriatric considerations are addressed. Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to clients in mental health facilities under supervision and at the discretion of practical nursing faculty. This course includes a 30-hour clinical component.

HNUR 2611 IV Therapy

The role of the practical nurse, legal implications of intravenous (IV) therapy, and equipment/devices used, anatomy/physiology, methods and techniques, infection control measures, complications, and other vital information related to intravenous therapy is discussed. Supervised lab performance (15 hours) is an integral part of this course.

HNUR 2712 Obstetrics

Current issues, growth and development of the childbearing family, fetal development and gestation are studied. Care of the client during the antepartal, intrapartal, and postpartal periods is included, as well as care of the neonate. Included is a review of anatomy and physiology, and therapeutic/modified diets. Pharmacological interventions/commonly used medications for each body system and condition are discussed at length. Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to maternal & neonatal clients during the antepartal, intrapartal, and postpartal periods, in appropriate clinical sites, under the supervision and at the discretion of practical nursing faculty. This course includes a 30-hour clinical component.

HNUR 2722 Pediatrics

This course presents essential information related to growth and development of infants, toddlers, preschool through school age and adolescents, and those diseases common but not exclusive to the particular age groups. Included is a review of anatomy and physiology, and therapeutic/modified diets. Pharmacological interventions/commonly used medications for each body system and age group are discussed at length. Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to pediatric clients in appropriate clinical sites under supervision and at the discretion of practical nursing faculty. This course includes a 30-hour clinical component.

HNUR 2812 PN Leadership and Management

This course presents the laws, rules and regulations which govern licensure to practice practical nursing in the state of Louisiana, including a review of the Louisiana Revised Statutes, Title 37, Chapter 11, Subpart II-Practical Nurses and LAC 46:XLVII.Nursing, subpart 1-Practical nurses. Students are prepared for the NCLEX-PN licensure examination. It is designed to prepare the future LPN for compliance with state laws, to explain procedures which facilitate necessary operation of the Louisiana State Board of Practical Nurse Examiners (LSBPNE) and to outline the obligations which accompany the privilege of service in health care. Legal responsibilities, confidentiality, and ethical practice along with concepts of management and supervision are emphasized. Preparation for employment is introduced by evaluating job opportunities, compiling

a resume, and outlining information essential to finding, applying for and terminating a job in the healthcare industry.

MATH 1015 College Algebra

Topics from algebra including complex numbers; radical and rational equations; linear and quadratic equations and inequalities, absolute value equations and inequalities; lines and slope; graphs; inverse, exponential, and logarithmic functions; systems of equations and inequalities; conics; applications.

MATH 1300 Contemporary Mathematics

This course is designed as an introduction to topics in contemporary mathematics. Topics will vary but may include problem solving and reasoning, set theory and Venn diagrams, perspective and symmetry in art, graph theory, elementary number theory, optimization, numeracy in the real world, geometry, and apportionment and voting methods.

PSYC 2015 Introduction To Psychology

This course is designed to provide you with an introduction to psychological theory and research. Topics considered include the nature of psychology and its history, research practices, learning and conditioning, developmental psychology, personality, social psychology, psychopathology, and psychotherapy.