

Central Ohio Technical College
Course Description Listing – Nursing Technology – Practical Nursing Program Courses
2009-2010 Academic Year

NPN-4809 Trends and Issues for the Practical Nurse

1 credit hour, 1 contact hour (1 hour lecture online and 0 hours lab). Prerequisite: Concurrent enrollment in NPN-4824 and NPN-4825. Course is graded A-E.

The purpose of this course is to introduce the PN nursing student to current concepts, trends, and issues in patient care management. Societal influences that affect the development of PN practice and delineate the PN's scope of practice will be the major focus of this course. The image of the PN in today's society will be explored, as will the media's influence on the health care consumer's opinion of nursing. Professional socialization of the PN student will occur through emphasis on such topics as role transition to the workplace, licensure issues in the State of Ohio, management of ancillary personnel, nurse's rights at work, legal and ethical implications of patient care delivery, approaches to patient care delivery, channels of communication, quality improvement in health care, the organizational process, the role of the PN leader, critical thinking strategies, and how to make the work environment work for you. The PN student builds on previously learned concepts and develops additional learning within the Licensed Practical Nurse scope of practice.

NPN-4820 Pharmacology I for the Practical Nursing Students

4 credit hours, 6.5 contact hours (2.5 hours lecture, 3 hours lab, and 1 hour clinical). Prerequisite: C grade (2.00) or better in NPN-4827 and BIO-1745, concurrent enrollment in BHS-1376 unless previously completed with a grade of 'C' or better and concurrent enrollment in NPN-4828. Course is graded A-E.

The student will be introduced to the role of the Licensed Practical Nurse in drug therapy for clients of all ages. Drug control laws, methods of administration, calculation of dosage, measurements, and abbreviations will be presented. Methods of administration emphasized during this course include: enteral, topical, inhalant, and the parenteral routes of intradermal, subcutaneous, and intramuscular. This course is also designed to introduce the student to the classifications of drugs and the utilization of the nursing process in identifying expected actions, common side effects, normal dosage and routes of administration. Prototype examples will be used in each classification. Relevant data collections and teaching of clients will be included. Upon satisfactory completion of this course, the student should be able to utilize the nursing process to administer medications to a client in a safe, effective and caring manner. In addition, each student shall satisfactorily administer medications to a group of clients.

NPN-4821 Pharmacology II for the Practical Nursing Students

3 credit hours, 5 contact hours (2 hours lecture, 1.5 hours lab, and 1.5 hours clinical). Prerequisite: C grade (2.00) or better in BIO-1745, NPN-4828 and NPN-4820 and concurrent enrollment in NPN-4823. Course is graded A-E.

The role of the Licensed Practical Nurse in drug therapy for clients of all ages continues in this course. Methods of administration and calculation of dosage for intravenous administration of medications will be presented. This course continues to introduce the student to further classifications of drugs and the utilization of the nursing process in identifying expected actions, common side effects, normal dosage and routes of administration. Prototype examples will be used in each classification. Relevant data collection and teaching of clients will be included. Upon satisfactory completion of this course the student should be able to utilize the nursing process to administer medications to a client in a safe, effective, and caring manner. In addition, each student shall satisfactorily administer medications to a group of clients.

NPN-4823 Health Alterations I for the Practical Nursing Students

6 credit hours, 12 contact hours (3 hours lecture, 3 hours lab and 6 hours clinical). Prerequisite: Enrollment in the Practical Nursing Program and C grade (2.00) or better in NPN-4828 and NPN-4820, BHS-1376, and BIO-1765. Concurrent enrollment in BIO-1750, BHS-1345, unless previously completed with a grade of 'C' or better, and NPN-4821. Course is graded A-E.

This course is designed to provide the Practical Nursing student with concepts, skills, communication techniques necessary for providing caring, therapeutic care to culturally diverse clients of adult age groups. Emphasis will be placed on clients experiencing common recurring health alterations related to gastrointestinal, integumentary, immunology, sensory, and endocrine functioning as well as alterations in cellular growth and in mental health. While interacting with clients in acute and long term care facilities, the student will recognize self-care deficits, demonstrate caring behaviors, administer safe care, be accountable, and adhere to the legal and ethical standards of practical nursing practice.

**COTC Course Description Listing – Nursing Technology – Practical Nursing Program Courses
2009-2010 Academic Year****NPN-4825 Health Alterations II for the Practical Nursing Students**

6 credit hours, 13.5 contact hours (3 hours lecture, 3 hours lab and 7.5 hours clinical). Prerequisite: Enrollment in the Practical Nursing program and C grade (2.00) or better in BIO-1750, BHS-1345, NPN-4821 and NPN-4823; and concurrent enrollment in NPN-4829 and NPN-4809. Course is graded A-E.

This course is designed to provide the PN student with concepts, skills, and communication techniques, necessary for providing caring, therapeutic care to culturally diverse clients of adult age groups. Emphasis will be placed on clients experiencing common recurring health alterations related to cardiac, respiratory, musculoskeletal, renal and male reproductive as well as neurological functioning. While interacting with clients in acute and long term care facilities, the student will recognize self-care deficits, demonstrate caring behaviors, administer safe care, be accountable, and adhere to the legal and ethical standards of practical nursing practice.

NPN-4827 Introduction to Nursing for Practical Nurses

5.5 Credit Hours, 10.5 contact hours (3 hours lecture, 3 hours lab and 4.5 hours clinical). Prerequisite: Admission to the Practical Nursing sequence. Course is graded A-E.

This course introduces the student to the philosophy and conceptual framework of the nursing program. The past, present and future roles of nursing are explored by viewing the roles and functions of the nurse as influenced by historical and sociological factors. Concepts of caring, Orem's theoretical framework, Gordon's functional health patterns, ethical and legal responsibilities, nursing process, communication techniques, and holistic care across the lifespan are introduced. Emphasis is placed on the functional health patterns of health-perception-health-management, activity-exercise, rest-sleep, nutrition-metabolic and elimination. The student will learn a step-by-step approach to body system observation; how to differentiate normal from abnormal findings; and how to recognize and support patterns of self-care which will promote health for clients across the life span. The student will develop data collection skills which will be utilized to determine the level of client wellness, health practices, past illnesses, related experiences and health care goals as influenced by cultural and spiritual practices. The student is introduced to the principles of surgical asepsis. The student will begin to apply the nursing process while caring for clients with needs for hygiene, rest, sleep, activity and elimination. The student is expected to demonstrate characteristics of personal responsibility and legal/ethical standards of the nursing profession.

NPN-4828 Fundamentals of Nursing for the Practical Nursing Student

5.5 credit hours, 11.5 contact hours (2.5 hours lecture, 3 hours lab, and 6 hours clinical). Prerequisite: C grade (2.00) or better in: COM-1535, (BIO-1745 or BIO-1772 and BIO-1773), and NPN-4827. Course is graded A-E.

In this course the student continues to gain an understanding about the concepts of Orem's theoretical framework, caring, wellness and illness, which were introduced in the first nursing course. The student will contribute to the nursing process while caring for clients with needs for hygiene, rest and sleep, and activity and will develop the basic technical and communications skills to provide safe care. The student builds on content presented in the first quarter and begins practicing the principles of surgical asepsis and perioperative care of the client. Emphasis is placed on the functional health patterns of coping/stress, cognitive/perceptual, nutrition/metabolic and elimination. The student is expected to demonstrate personal responsibility and ethical/legal standards of the profession.

**COTC Course Description Listing – Nursing Technology – Practical Nursing Program Courses
2009-2010 Academic Year****NPN-4829 Maternal/Child Nursing for the Practical Nursing Student**

7 credit hours, 10 contact hours (5.5 hours lecture, 1.5 hours lab, 3 hours clinical). Prerequisite: Enrollment in the Practical Nursing program and C grade (2.00) or better in BHS-1345, BIO-1750, NPN-4821 and NPN-4823, and concurrent enrollment in NON-4809 and NPN-4825. Course is graded A-E.

This course provides the opportunity for the student to explore and develop concepts basic to meeting the health care needs of the childbearing family. Utilizing the framework of Maslow's Hierarchy of Basic Human Needs and Orem's theoretical framework as well as Gordon's functional health patterns as the biological, psychosocial, and cultural components of human sexuality through pregnancy, birth, and childbearing are introduced. The family is viewed in terms of life span development. The concept of the role of the practical nurse in the promotion of wellness for the families at all stages of development is stressed. Guidelines for the establishment of therapeutic communication as it relates to the concepts of caring will be reviewed and specific methods for communication with parents and children will be presented. In the clinical setting, emphasis is placed on the practical nurse's contribution to the nursing process as it relates to the care of families in pregnancy, childbirth and parenting. Included is the adaptation of basic nursing skills in meeting the needs of both the parents and the child in promoting, maintaining, and restoring health. The effects of illness and hospitalization on the developing family are explored. Opportunity is provided for observation in a variety of community settings serving the health care and developmental needs of the family. Scientific principles, concepts, and skills development relating to both maternal and child care will be presented. The student is expected to demonstrate characteristics of personal responsibility and legal and ethical standards of the profession.

NPN-4879 NCLEX - PN Preparation

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: Successful completion of the entire Practical nursing program. NPN-4879 will count neither for elective credit nor toward meeting minimum credit hours for graduation. S/U Graded Course.

The student will utilize biopsychosocial, spiritual, and nursing concepts, skills and communications techniques as a framework for review of care for culturally diverse clients of all age groups experiencing the need for health care. Emphasis will be placed on the current NCLEX-PN Test Plan. This course is graded Satisfactory/Unsatisfactory.