

Faculty of Nursing

Description of Courses offered by the Bachelor Program in Nursing

2022-2023

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**Course Number (09011101) Course Name: Introduction to Nursing
Number of credit hours: 3**

Historical and contemporary nursing practice. Definition, scope, and the role of nursing. Factors influencing current nursing practice. Nursing research and evidence practice. Health care delivery system. Health, wellness, and illness. Legal Aspects of Nursing. Regulation of nursing practice. Values, ethics, and advocacy. Culturally responsive nursing care. Nursing theories and conceptual frameworks. The nursing process: Assessing, collecting data, organizing data, diagnosing, NANDA; Planning; Implementing.

**Course Number: (09011201) Course Name: Fundamental of Nursing (Theory)
Number of credit hours: 3**

Theoretical basis and principles of vital signs: body temperature, respiration, pulse, and blood pressure; medication administration, skin integrity and wound care; oxygenation and perfusion; circulation; fluid and electrolyte balance; acid-base balance; perioperative care

**Course Number: (09011202) Course Name: Fundamental of Nursing (Lab)
Number of credit hours: 3**

Knowledge and practical application of basic nursing skills learned in Fundamental of Nursing (Theory) that covers: Hand washing; applying and removing personal protective equipment, sterile gloves; asepsis, establishing and maintaining a sterile field, wound dressing, wound irrigation; nasogastric tube insertion and removal; enteral feeding, caring for gastrostomy and jejunostomy tube site; vital signs, temperature, pulse, respiration; blood pressure; administering oxygen, suctioning: oropharyngeal, nasopharyngeal and tracheal, measuring oxygen saturation; administering medication: ophthalmic, ear, oral, injections, vaginal, metered dose inhaler; establishing IV access: IV fluid administration and regulating, use of infusion pumps; urinary, Inserting straight and indwelling urinary catheter (male, female), obtaining urine specimen, perineal care and foley's catheter care; bowel, assisting a client with a bedpan, administering enema, colostomy care, obtaining stool specimen; body mechanics; positioning a client: fowler, semi-fowler, supine, prone, lateral, Trendelenburg position, sim's; moving and turning a client in bed, transferring and turning a client, assisting a clients to walk, assisting a client using walker.

Course Number (09012102) Course Name: Health Assessment

Number of credit hours: 4 (3 Theory + 1 Lab)

Knowledge and skills necessary to perform health assessment for individuals of all ages, with emphasis on adult clients; skills of history taking: inspection, palpation, percussion, and auscultation while comparing normal findings and common deviation from normal of each of the major body systems. The practice of health assessment skills will occur in the faculty of nursing laboratories.

Course Number: 09012111 Course Name: Adult Health Nursing I (Theory)

Number of credit hours: 3

Promoting, maintaining, and restoring the health of clients/patients and their families. The biopsychosocial responses of actual and high-risk conditions affect an individual's functional health patterns. Care for adults with cardiovascular, hematological, gastrointestinal, and respiratory health disorders in a concurrent clinical course. The nursing process concepts, health assessment, medical treatments, critical thinking, integrating relevant research findings, and assisting with client education are integrated within each system. Consideration is also given to the impact of health issues, the potential physical and mental adjustments, and diversional and rehabilitative activities.

Course Number: 09012112 Course Name: Adult Health Nursing 1 (Clinical)

Number of credit hours: 3

The nursing process of care for clients/patients with an alteration in functional health patterns as mentioned in **Adult Health Nursing I (Theory)** in various hospital settings utilizing the nursing process. Acute and long term (chronic) cases that focus on selected concepts relevant to the functional health patterns, including nutritional-metabolic, stress and coping/cognitive-perceptual, patient/client safety, oxygenation, pain management, fluid and electrolyte, activity and exercise, sleep and rest, skin integrity, sexuality, and elimination patterns. Concept-based learning facilitates clinical training, clinical reasoning, critical thinking, communication skills, problem-solving, and decision-making related to different health problems.

Course Number: 09012213 Course Name: Adult Health Nursing 2 (Theory)

Number of credit hours: 3

Building on knowledge and abilities attained in prior and concurrent theory and clinical courses in caring for clients/patients with endocrine, renal, urinary, reproductive, neuro, and musculoskeletal health problems. Students will utilize inquiry techniques such as concept mapping to facilitate their ability to analyze selected case studies and critically examine clients/patients' physical or psychological alterations/responses to actual or potential health problems in a concurrent clinical course. While utilizing the nursing process as a framework for professional practice, classroom discussions will explore the best available evidence within contemporary care structures.

Course Number: 0901221 Course Name: Adult Health Nursing II (Clinical)

Number of credit hours: 3

Performance and responsibilities required for safe practice while developing professional interactions, therapeutic relationships, and nursing care practices associated with caring for clients/patients mentioned in **Adult Health Nursing 2 (Theory)** within medical or surgical specialized settings. Caring for clients is based on understating the underlying disease pathology, the expected medical and pharmacological treatment, and the scope of independent and collaborative nursing practice.

Course Number: 09013221 Course Name: Child Health Nursing (Theory)

Number of credit hours: 3

Holistic nursing care of infants and children with most common health problems; respiratory, metabolic, renal, neurological, endocrinology, cardiac, and other health problems. The content also addresses children's psychological health problems, including inorganic failure to thrive, child neglect, and child abuse. Nursing management relevant to each problem is discussed using the nursing process, developmental theories, new trends, and the recent approaches in the management and caring of children.

Course Number: 09013222 Course Name: Child Health Nursing (Clinical)

Number of credit hours: 3

Training on providing nursing care for pediatric clients who experienced the diseases mentioned in **Child Health Nursing (Theory)** based on an understanding of the underlying disease pathology, laboratory and diagnostic findings, selected nursing concepts, the expected medical and pharmacological treatment, and the scope of independent collaborative nursing practice. Care planning and health education of pediatric clients and families. Essential competencies related to illness prevention and health promotion among children and adolescents and their families.

Course Number: 09013122 Course Name: Maternal Health Nursing (Theory)

Number of credit hours: 3

Promoting, maintaining, and restoring the health of childbearing families, caring for the childbearing family during the preconception, antepartum, intrapartum, postpartum, and newborn periods in a concurrent clinical course. The nursing process concepts, health assessment, medical treatments, critical thinking, integrating relevant research findings, and assisting with client education are integrated within each aspect. Consideration is also given to the impact of health issues, the potential physical and mental adjustments, and diversional activities.

Course Number: 09013123 Course Name: Maternal Health Nursing (Clinical)

Number of credit hours: 3

Principles of primary health nursing care to maintain the health of women and prevent diseases through the application of the nursing process steps, nursing care of women during pregnancy, childbirth and after childbirth, and learning the skills related to family planning methods and caring for women with various diseases.

Course Number: 09012221 Course Name: Growth and Development

Number of credit hours: 3

Concepts of growth and development of children, adolescents, and adults. Biological, psychosocial, cognitive, and spiritual characteristics of each developmental stage. Strategies are used to help individuals of the specific developmental period attain optimal health. Concepts of health maintenance and promotion.

Course Number: (0901352) Course Name: Mental Health Nursing (Theory)

Number of credit hours: 3

Basic principles of holistic care approach to mental health issues. The nursing process includes assessment, diagnosis planning, intervention, and evaluation of psychiatric disorders. Communication skills, public health, biological science, social science, psychology, ethics in dealing with mental wellness and illness, and using creative art therapy to complement traditional therapy. Emphasize the client/patient, the family, and the community as a whole using evidence-based practice.

Course Number: 09014131 Course Name: Mental Health Nursing (Clinical)

Number of credit hours: 3 hours

Clinical training on nursing care to mentally ill person based on knowledge gained in **Mental Health Nursing (Theory)**, application of therapeutic communication skills, maintaining clients/patients in a safe environment, dealing with different types of psychiatric behaviors in addition to using creative art therapy as an additional approach for management and developing the ability to work with mental health team members effectively in inpatient or outpatient settings.

Course Number: 09014211 Course Name: Critical Care Nursing (Theory)

Number of credit hours: 3

Concepts of caring and safely of the critically ill patient including; oxygen supply and demand, comprehensive assessment, technology, and ethical decision making. Application of critical thinking, clinical decision-making, and evidence-based nursing practice to adults' complex and major health problems (i.e., acute coronary syndrome, brain injury, hemodynamic instability, and other important critical health alterations). The course also integrates and expands knowledge of

assessment, monitoring, interventions, caring, and comfort. Emphasis is placed on ethical and legal issues, disease prevention, and patient/family members with potentially life-threatening conditions.

Course Number: 09014251 Course Name: Community Health Nursing (Theory)
Number of credit hours: 3

Family wellness and illness in various community settings for the well, sick and disabled individuals. Major concepts of health promotion and primary health care; assessing communities, application of health promotion and disease prevention strategies and primary health care in home health care, geriatric homes and rehabilitative care settings. Aspects of care based on a demographic and epidemiological approach, building environmental awareness and acquiring problem-solving and critical thinking skills that act as a basis for nursing care in any community setting.

Course Number: 09014252 Course Name: Community Health Nursing (Clinical)
Number of credit hours: 3

Training on protecting the public's health using health promotion, risk reduction, disease management, and control strategies with vulnerable persons and populations. Community assessment, epidemiologic, environmental, change, political action, and case-management frameworks guide evidence-based nursing care delivery to persons, families, and populations in various community settings.

Course Number: 09014141 Course Name: Nursing Administration and Quality Management (Theory)
Number of credit hours: 3

Management and leadership theories, concepts, principles, and core competencies necessary for promoting a client-centered nursing care environment include communicating effectively, handling conflict, delegating successfully, building teams, motivating personnel, controlling human resources, improving quality, managing stress, and leading change. Five main domains will be integrated throughout the course, including system's approach, continuous quality management, leadership, change, and evidence-based decision making.

Course Number 09014142 Course Name: Nursing Administration and Quality Management (Clinical)
Number of credit hours: 3

Training on managerial skills related to all topics mentioned under Nursing Administration and Quality Management (Theory) under supervision of the nursing department/unit manager and the course instructor. Developing management intervention skills emphasizes thinking critically, communicating effectively, scheduling, handling conflict, delegating successfully, building teams, controlling resources, improving quality, managing stress, and leading change.

Course Number:09014291 Course Name: Clinical Training
Number of credit hours: 4

This Clinical Training Course is based on all competencies acquired from previous courses that enable the nursing student to practice as a novice care nurse practitioner. Application of competencies for direct clinical practice, ethical decision-making, leadership, change agent, collaboration, coach, advocacy, and research in the context of advanced practice. Nursing care for clients/patients of all ages requiring acute/critical care. Clinical experiences will occur in different hospitals units with clients across the lifespan.

Core competencies emphasized caring, critical thinking, decision making, professional commitment, leadership, professionalism, communication, and client/ patient safety. The focus is on applying role competencies as a care provider, designer, coordinator, and novice manager of care. The emphasis is on understanding the key skills highly successful nurse leaders/managers employ.

Course Number: 09011203 Course Name: English for Nurses (1)
Number of credit hours: 3

Developing a professional level of writing within the nursing context. Enhance the ability of nursing students to document and explain clients' history and findings in the English Language in different health settings.

Course Number 09023151 Course Name : Geriatric Health Nursing
Number of credit hours: 3

The role of the nurse in meeting the physiologic, psychosocial, and spiritual needs of the elderly. Course content includes: The normal aging process, effects of aging on the body, physiologic, psychosocial, and spiritual needs of the elderly, effects of medications in the elderly.

Course Number: 09013104 Course Name: English for Nurses (2)
Number of credit hours: 3

Writing accuracy, appropriateness in different contexts of interaction. Vocabulary in nursing technical terms and abbreviations; Analysis of complex texts to improve writing skills.

Course Number: 09012201 Course Name: Nutrition in Health and Illness
Number of credit hours: 3

The interrelationships among nutrition, food, and the environment as they impact health status. Multiple factors that influence food intake. The role and function of nutrients in health promotion and wellness throughout the life cycle (maternal and infant nutrition). The major nutritional concerns for clients with cardiovascular, pulmonary, neurologic, renal, gastrointestinal, and endocrine alterations are identified, and management for these concerns. Administering nutrition support. The significance,

pathophysiology, clinical manifestations, diagnostic studies, and collaborative care of malnutrition and obesity are presented, and the nurse's role in promoting nutrition.

Course Number: 09014101 Course Name: Issues and Ethics in Nursing
Number of credit hours: 2

Contemporary issues in nursing practice, nursing education, and health care. The impact of economics, politics, and law related to health issues. Political and legislative activities about health care. A comprehensive overview of various roles of the professional nurse and the professional socialization process. Current trends in ethical and legal components related to nursing and their possible application to the nursing profession.

Course Number: 09012241 Course Name: Biostatistics for Nursing Students
Number of credit hours: 2

Basic concepts of statistical ideas and methods aim to equip nursing students to carry out common statistical procedures and follow statistical reasoning in their fields of study. Principles of measurement, data summarization, evaluating screening tests, and descriptive and inferential statistics. Application of fundamental concepts to real-world situations.

Course Number: 09013241 Course Name: Nursing Research
Number of credit hours: 3

Knowledge and skills are needed to utilize scientific research in the development of nursing knowledge and practice. Understanding the steps of the research process, mainly the research problem, purpose, questions, hypotheses, literature review, designs, methods of sampling, and data collection methods. Critiquing nursing research articles. The importance of research to evidence-based practice in nursing.

Course Number: 09013251 Course Name: Nursing Health Education and Counseling
Number of credit hours: 2

Theories, issues, and techniques of health education, teaching skills, methods in health and health promotion to clients, families and community. Integration, application, and evaluation of specific information regarding health promotion theory, research, and practice. Emphasis would be on the preventive aspect of health and client education. Design and implement client education programs for clients with common health problems.

Course Number: 09012131 Course Name: Communication Skills
Number of credit hours: 3

Therapeutic communication and health assessment principles and techniques. Human behaviors in health and illness contexts; building new experience, meanings, therapeutic skills, goal-directed

relationships. Theoretical concepts, ideas, and specific strategies for effective communication. Styles or types of responses. Hence, students will respond appropriately to what is seen, felt, and heard in all nursing experiences.

Course Number 09023102 Course Name : Palliative and Oncology Nursing Care
Number of credit hours: 3

The art and science of oncology and palliative nursing practice. The essential concepts in oncology nursing practice. Cancer risk factors, Administering chemotherapy, Standards of care, Cancer screening, Oncology treatments, Nursing care for oncology patients.

Course Number 09023103 Course Name : Emergency and Disaster Nursing
Number of credit hours: 3

Major public health emergencies, including infectious disease outbreaks, natural disasters, as well as biological, chemical, and radiological events. Handling disaster or major catastrophic event. The concepts of disasters and disaster mitigation and the importance of disaster nursing. Major topics include disaster assessment, emergency management, disaster triage, care provision for victims, establishment of emergent service system, and disaster preparedness. In addition, the course will strengthen the students' capability for independent clinical judgment and problem solving in the major emergencies.

Course Number 09023105 Course Name : Nursing Informatics
Number of credit hours: 3

Advanced leadership roles in the clinical setting related to information systems and patient care technology. Information systems that assist in monitoring outcomes and quality improvement, patient safety, and evaluation and selection of patient care technology and consumer health information sources. Legal and ethical issues related to information systems and patient care technology will be explored

Course Number 09023121 Course Name : Care of the Newborn
Number of credit hours: 3

Concepts and trends in neonatal care. Feeding normal and low birth babies. Policies and procedures for prevention of infections in NICU. Applies the nursing process while providing care to neonates admitted with medical and surgical problems. Principles of care in various investigations and procedures carried out on neonates. Skills in communicating with parents and others, including breaking bad news