

Courses Description

Number, Courses Title {credit hours}	Courses Description	Prerequisite	Concurrent
A0611301, Professionalism in Nursing {3}	The course will introduce the students to professionalism as one of the main competencies in nursing practice. Students will explore and evaluate the historical development of nursing, professionalism and professional behavior in nursing, the language of nursing, critical thinking, the essential academic skills and interpersonal skills. Professional concepts related to caring, person-centered care, ethics in nursing practice, evidence-based practice will be explored. The principles of formal oral presentations will be dealt with, and critical thinking skills will be demonstrated through both writing and speaking. Students will be also introduced to medical terminology and academic integrity. A blended learning approach will be used to enhance students' learning including case studies, role-play, group discussion and lectures.	None	None
A0611101, Fundamentals of Nursing {3}	This course will provide first year nursing students with knowledge fundamental to the care of patients in different health settings. Students will start to develop core competencies required for the registered nurse. Students will also learn the use of nursing process to identify patients' needs and provide care that is based on best evidence, standards of care, and patient preferences. Students will learn how to act professionally and communicate effectively with patients, colleagues, teachers and other healthcare team members. Teaching and learning strategies include lectures, group discussions, and case studies.	None	A0611102 Fundamentals of Nursing / Clinical
A0611102, Fundamentals of Nursing / Clinical {2}	Students will be able to develop essential clinical competencies in a safe simulated environment to meet the needs of individuals in a legal and ethical manner, and perform essential skills safely and accurately; students will learn in laboratory and will be able to demonstrate the skills under supervision. The course will also introduce the nursing students to the role of the nurse as a caregiver, leader, manager, change agent, advocate, teacher, and researcher. Students will develop a professional attitude and behavior towards patients when undertaking care, showing due regard for patient safety.	None	A0611101 Fundamentals of Nursing
A0611401, Communication Skills {3}	This course focuses on communication strategies and principles that enable nursing students to apply principles of effective communication with peers, individuals, families, groups, and health care professionals, and to interact therapeutically with clients in different clinical settings. Students will be able to discuss critically factors that facilitate or hinder effective communication. The student will also build strategies for effective communication with other members of the healthcare team using critical thinking and evidence based practice. Lectures, group discussion, clinical training, laboratory small group work, analysis of case studies, role-play and simulation will be used to facilitate students' learning.	None	None
A0611302, Trends & Ethics in Nursing Profession {3}	In this course, historical development of the nursing profession will be explored including the development of nursing as a profession and challenges faced by nurses in practice. Students will critically discuss different nursing theories and their application to nursing practice. By demonstrating understanding of nursing ethical, legal and bioethical issues, students will be able to apply skills and knowledge of a chosen ethical or legal subject to decision-making and problem solving process. The course will also prepare them to take an active role in improving the quality of care as required by legal standards. A variety of learning and teaching strategies will be used including: lectures, group discussions, case scenarios, and article review.	None	None
A0612102, Health Assessment / Clinical {2}	This course will equip students with knowledge and skills to undertake systematic physical examination skills, in order to integrate assessment findings into clinical decision-making based on the best evidence. Students will demonstrate an awareness of ethical and legal issues underpinning patient assessment. Students will use appropriate communication skills to establish a therapeutic relationship with patients, families, and health care personnel to obtain and communicate subjective and objective data and patient needs. Learning will be enhanced through practice in the lab using demonstration, case studies and role play.	None	A0612101 Health Assessment

A0612101, Health Assessment {1}	This course will equip students with knowledge and skills to undertake systematic physical examination skills, in order to integrate assessment findings into clinical decision-making based on the best evidence. Students will demonstrate an awareness of ethical and legal issues underpinning patient assessment. Students will use appropriate communication skills to establish a therapeutic relationship with patients, families, and health care personnel to obtain and communicate subjective and objective data and patient needs. Learning will be enhanced through practice in the lab using demonstration, case studies and role play.	A1112204 Physiology	A0612102 Health Assessment / Clinical
A0612105, Pathophysiology {3}	This course will introduce the students to disruptions in the normal body functioning in adults. It includes the study of human's cell biology and causes of cellular injuries. It focuses on the function of the immune system disorders related to immune system, hypersensitivity and autoimmune disorders as well as acquired immune deficiency syndrome. The physiology of pain and pain management is also included. Etiology and pathology of central nervous system disorder, injuries, manifestations, medical management and nursing intervention of patients with increased intracranial pressure will be covered in this course. The course incorporates the nursing process, examines pathological conditions management and rational. Case study scenarios will be utilized to enhance students' understanding and critical thinking process.	A1112204 Physiology	None
A0612301, Health Education {3}	This course is designed to introduce the students to the theories and techniques of health education and promotion, teaching skills in a variety of healthcare facilities. The course is planned to facilitate integration, application & evaluation of specific information regarding to health promotion theory, research & practice. Emphasis would be on preventive aspects of health as well as client education. Students will have the opportunity to apply course material to design and implement education programs to clients with common health problem based on the best available evidence. The methods of instruction include interactive lectures, group discussions, and seminars.	None	None
A0612103, Adult Health Nursing (1) {3}	This course will prepare the students to provide safe and competent nursing care to adults with specific health problems. They will acquire competencies needed for the nursing students as they start learning about different health conditions that they will encounter in their practice. The students will be able to apply the nursing process as a framework to assess and identify the physical, psychological and spiritual health needs and preferences of culturally, ethnically, and socially diverse patients and their families. Students will use evidence-based practice, critical thinking, and scientific rationales in providing person-centered care to adults with specific health conditions including the respiratory system, cardiovascular system, fluids and electrolyte imbalance, endocrine, and the patient with neoplastic malignant diseases.	A0913307 Pharmacology for Nursing & A0611101 Fundamentals of Nursing	A0612104 Adult Health Nursing (1) / Clinical
A0612104, Adult Health Nursing (1) clinical {3}	In this course, students will apply their knowledge in hospital settings. They will gain competencies to enhance evidenced based knowledge and analytical skills in assessing, implementing and evaluating nursing care of adults with specific health conditions. This course will prepare the students to provide safe and competent nursing care to adults with specific health problems. They will acquire competencies needed for the nursing student as they start learning about different health conditions that they will encounter in their practice. The students will be able to apply the nursing process as a framework to assess and identify the physical, psychological and spiritual health needs and preferences of culturally, ethnically, and socially diverse patients and their families. Students will use evidence-based practice, critical thinking, and scientific rationales in providing person-centered care to adults with specific health conditions including the respiratory system, cardiovascular system, fluids and electrolyte imbalance, endocrine, and the patient with neoplastic malignant diseases. Learning will be promoted through lectures, reflection on practice, case study, group discussion and reviewing research evidence.	A0611102 Fundamentals of Nursing / Clinical	A0612103 Adult Health Nursing (1)
A0613101, Adult Health Nursing (2) {3}	This course will prepare the students to provide safe and competent nursing care to adults with specific health problems. They will acquire competencies needed for the nursing students as they progress in their studies. The students will be able to apply the nursing process considering functional health patterns as a framework to assess, identify and assess the physical, psychological and spiritual health needs and preferences of culturally, ethnically, and socially	A0612103 Adult Health Nursing (1)	A0613102 Adult Health Nursing (2)/ Clinical

	diverse patients and their families. Students will use evidence-based practice, critical thinking, and scientific rationales to provide person-centered care to adults with specific health conditions including renal, musculoskeletal, gastrointestinal, hematological and neurological disorders. Learning will be promoted through lectures, reflection on practice, case study, group discussion and reviewing research evidence.		
A0613102, Adult Health Nursing (2) / Clinical {3}	In this course, students will apply their knowledge in hospital settings. They will gain competencies to enhance evidenced based knowledge and analytical skills in assessing, implementing and evaluating nursing care of adults with specific health conditions. This course will prepare the students to provide safe and competent nursing care to adults with specific health problems. They will acquire competencies needed for the nursing student as they progress in their studies. The students will be able to apply the nursing process considering functional health patterns as a framework to assess, identify and assess the physical, psychological and spiritual health needs and preferences of culturally, ethnically, and socially diverse patients and their families. Students will use evidence-based practice, critical thinking, and scientific rationales to provide person-centered care to adults with specific health conditions including renal, musculoskeletal, gastrointestinal, hematological and neurological disorders	A0612104 Adult Health Nursing (1) / Clinical	A0613101 Adult Health Nursing (2)
A0612201, Human Growth & Development {3}	This course is designed to introduce students to the main concepts that are related to growth and development of human throughout the life span. It focuses on the biological, psychosocial, cognitive, moral and spiritual characteristics of each developmental stage. The course will introduce the students to the competencies necessary to help the individuals of specific developments period to attain optimal health. The framework of the course will be based on the concept of health maintenance and promotion. Teaching will be promoted using lectures, group discussion, and case studies.	None	None
A0612302, Nutrition in Illness and Wellness {3}	This course is designed to provide the nursing student with the essential knowledge about the importance of nutrition in health and illness. Students will be able to identify the basic nutrient elements and their important for individual through the life span. Students will critically discuss factors affecting individual nutritional habits and use evidence-based strategies to educate patients and their families. Students will also discuss the significance of Anthropometric measurement to assess nutritional status. They will also evaluate the nursing role with regard to nutrition support and discuss relevant evidence related to nutrition and nursing care. Several teaching strategies will be used to promote students' learning including lectures, projects and demonstration.	None	None
A0613103, Critical care nursing {3}	In this course, students will develop advanced competencies in the management of critically ill patients. Core concepts of complex pathophysiology, current treatment modalities, and advanced nursing roles are integrated in discussions of providing care to critically ill patient. Students will use critical thinking and evidence based interventions in the providing holistic care to critically ill patients. The course will enable the development of skills to effectively lead and manage care in collaboration with other healthcare professionals. The methods of instruction include lectures, discussion and problem solving, individual assignments, and case studies.	A0613101 Adult Health Nursing (2)	A0613104 Critical Care Nursing / Clinical
A0613104, Critical Care Nursing Clinical {3}	In this course, students will develop advanced competencies in the management of critically ill patients. Students will apply specialized knowledge and skills to meet the needs of patients. Core concepts of complex pathophysiology, current treatment modalities, and advanced nursing roles are integrated in discussions of providing care to critically ill patient. Students will use critical thinking and evidence based interventions in providing the holistic care to critically ill patients. The course will enable the development of skills to effectively lead and manage care in collaboration with other healthcare professionals.	A0613102 Adult Health Nursing (2) / Clinical	A0613103 Critical Care Nursing
A0613301, Informatics in Nursing {3}	In this course, students will explore the use of informatics in nursing practice and its role in enhancing client care. Students will gain an appreciation of the competencies required for the professional nurse and apply the relevance of those competencies to practice. Students will examine issues related the protection of the privacy, confidentiality, and security of information in health care environments and the potential utility of a wide array of social networking tools in communicating health-related information. Current trends and issues in using, designing, and managing health care information systems will be	None	None

	examined. The course includes email, electronic discussion forums, computer applications, worldwide web, and internet assignments. The methods of instruction include lectures, discussion and problem solving, individual assignments and experiential learning.		
A0613203, Pediatric Health Nursing {3}	The purpose of this course is to provide students with generic competencies including knowledge required for providing evidence-based and holistic care for children and adolescent and their families with a variety of health problems. This Course has a comprehensive approach to the child and family health. The students will be introduced, through active learning methods, to core concepts of health promotion, maintenance, and restoration for children with different age group. The implementation of the nursing process that focuses on the recent evidence based practices in caring for healthy and sick children is a core focus of this course. The methods of instruction include lectures, discussion and problem solving, individual assignments, and case studies.	A0612103 Adult Health Nursing (1)	A0613204 Pediatric Health Nursing / Clinical
A0613204, Pediatric Health Nursing / Clinical {3}	This course focuses on providing the students with essential clinical training that enables them to develop nursing competencies needed for providing evidence-based and holistic care for children and adolescent and their families with a variety of health problems. The implementation of the nursing process that focuses on the recent evidence based practices in caring for healthy and sick children is a core focus of this course. The methods of instruction include lectures, discussion and problem solving, individual assignments, and case studies.	A0612104 Adult Health Nursing (1) / Clinical	A0613203 Pediatric Health Nursing
A0613202, Maternal Health Nursing / Clinical {3}	This course is designed to prepare graduate nurses with generic knowledge and skills to care for women in antenatal care services, intra-partum care services, and manage complaints and complication during pregnancy, labor, and postpartum. By acquiring core competencies students will integrate accurate and comprehensive knowledge of ethical principles, the Code of Professional Conduct of childbearing process within the scope of professional nursing practice. They will conduct a systematic holistic assessment of client needs based on nursing theory and evidence-based practice. They will be able to demonstrate the ability to co-ordinate care and work with all team members to ensure that the childbearing woman care is appropriate, effective and consistent. The student will learn how counsel mothers about family planning methods, and apply comprehensive nursing intervention for women with gynecological problems.	A0612104 Adult Health Nursing (1) / Clinical	A0613201 Maternal Health Nursing
A0613201 Maternal Health Nursing {3}	This course is designed to prepare graduate nurses with generic knowledge and skills to care for women in antenatal care services, intra-partum care services, and manage complaints and complication during pregnancy, labor, and postpartum. By acquiring core competencies students will integrate accurate and comprehensive knowledge of ethical principles, the Code of Professional Conduct of childbearing process within the scope of professional nursing practice. They will conduct a systematic holistic assessment of client needs based on nursing theory and evidence-based practice. They will be able to demonstrate the ability to co-ordinate care and work with all team members to ensure that the childbearing woman care is appropriate, effective and consistent.	A0612103 Adult Health Nursing (1)	A0613202 Maternal Health Nursing / Clinical
A0614401, Psychiatric Health Nursing {3}	In this course, students will acquire generic knowledge and competencies needed to provide holistic care for individuals with mental health problems. Different concepts will be explored including: basic concepts of psychiatric and mental health nursing, the value of humanistic and holistic approach to nursing care, coping mechanisms, and therapeutic approaches in care of mentally ill patients. Students will utilize critical thinking and problem solving to develop nursing care plans for clients with a mental health and/or psychiatric disorder. Students will also critically discuss ethical issues related to the care of individuals with mental health problems and/ or psychiatric disorders. Students will be able to assess, plan, implement and evaluates programs of treatment in collaboration with the health care team and individuals with mental health problems and mental illnesses. Methods of teaching include interactive lecture, group discussion, case studies and flipped classroom.	A0613101 Adult Health Nursing (2)	A0614402 Psychiatric Health Nursing/Clinical
A0614402, Psychiatric Health Nursing/Clinical {3}	Introduction to the clinical aspects of psychiatric- mental health nursing. Students will explore and gain insights into the problems experienced by the mentally ill person; and the emotional, intellectual social, and spiritual strains that physical illness causes. Students will integrate theoretical competencies into	A0613102 Adult Health Nursing (2) / Clinical	A0614401 Psychiatric Health Nursing

	their practice. They will be able to use the nursing process and critical thinking to care for patients with mental health problems in a variety of healthcare settings under the supervision of specialized instructors.		
A0614301, Community Health Nursing {3}	This course is designed for senior nursing students. The focuses of this course is on the health promotion and disease prevention based on the concepts of primary health care in different community settings, and the role of community health nurse in the school, home health care and occupational health. Students are directed toward implementation of the care through applying primary, secondary, and tertiary levels of prevention of diseases for clients in different community settings. The main domain will be integrated throughout the course including evidence based decision making, critical thinking, and problem solving approach, leadership and communication skills.	A0613101 Adult Health Nursing (2)	A0614302 Community Health Nursing/Clinical
A0614302, Community Health Nursing Clinical {3}	This course is designed to gain a broad perspective of Community Health Nursing at the three levels of care; individual, family, and community. Furthermore, the course provides students with opportunities for comprehensive practice in different community health nursing settings under academic supervision in different community setting, based on a model of health promotion. Throughout this course, students will utilize the problem solving approach and decision making by the implementation of nursing process in diverse community settings.	A0613102 Adult Health Nursing (2) / Clinical	A0614301 Community Health Nursing
A0614403, Methods of Scientific Research {3}	The course aims to introduce students to a range of methodologies used in healthcare research as a main requirement to the development of the professional nurse. It will enhance students' awareness of the research process and outcomes of health care research and how these relate to health care provision. The course will provide students the opportunity to understand evidence –based practice in nursing and health care and to develop the skills to critically evaluate research findings and apply the results to practice in a variety of clinical settings. Students will be introduced to the philosophical basis of research, qualitative and quantitative research designs, methods of data collection and analysis, sampling, ethical issues and dissemination of research findings. A variety of learning and teaching strategies will be used including lectures, group discussion, debate and experiential learning.	None	None
A0614303, Management and Leadership in Nursing {3}	This course is designed to broaden the student's perspective of the nurse's role in influencing and improving health care systems and practices and emphasizing the fit of nursing within the larger organizational structure. It is designed to introduce the students to core management and leadership competencies necessary for promoting patient centered nursing care environment. The role of a professional nurse as a leader and manager of care will be explored including effective leadership behaviors related to introduction of change to organizational performance. Critical thinking will be utilized throughout the course to promote effective decision-making, problem solving, and producing necessary changes. Five main domains will be integrated throughout the course including system's approach, continuous quality management, leadership, change, and evidence based decision-making. Learning will be promoted through different class activities, coaching, discussion and in-depth analysis of class topics, role-playing.	A0613101 Adult Health Nursing (2)	None
A0614501, Intensive Clinical Training {4}	This course prepares the student for the future role after graduation through independent clinical training. The purpose of this course is to ensure acquirement of accumulative competencies as effective communication and collaboration with interdisciplinary health care teams, quality and risk management of their patients, critical thinking and evidence based practice, practicing within professional standards and ethics, and this clinical judgment in providing holistic, evidence based nursing care. During this course and in the final semester of the fourth year the students will work on full shifts and for 40 shifts in one of the critical care, emergency, or other units approved by the coordinating faculty member.	A0613104 Critical Care Nursing / Clinical	None
A0613302, Quality Management {3}	This course aims to familiarize the student with the concept of quality and the process of quality improvement across the health care continuum. This course focuses on the history and evolution of quality, its terms, principles, theories, and practices. The student is introduced to a diverse collection of methods of improving quality, including but not limited to continuous quality improvement and total quality management, and to the guidelines for implementing quality	Physiology, A0922263	None

		management and the continuous quality improvement processes.		
A0613105, Evidence Based Practice {3}		The course will provide the students the opportunity to understand evidence-based practice in nursing and health care, develop the skills in searching for evidence, critically evaluate research findings and apply the results to practice. A variety of learning and teaching strategies will be used including lectures, group discussion, e-learning and experiential learning.	None	None
A0614101, Clinical Judgment {2}		In this course, the processes involved in transformation of learned knowledge and skills into active nursing practice are examined. Situated cognition is integrated with multiple modes of inquiry to support modification of clinical judgment. Students determine lifelong strategies to refine assimilation of external and internal cues as precursors to reliable transition from knowing to doing.	A0613101 Adult Health Nursing (2)	A0614102 Clinical Judgment/ Clinical
A0614102, Clinical Judgment/ Clinical {2}		This clinical course focuses on the application of principles and theories from nursing science, critical thinking, clinical reasoning and clinical judgment to transform the learned knowledge and skills into active evidenced based nursing practice. Clinical lab will include the application of clinical judgment skills into simulated real life scenarios within variable moral, ethical, and cultural contexts.	A0613102 Adult Health Nursing (2)/ Clinical	A0614101 Clinical Judgment
A0612106, Emergency and Disaster Nursing {3}		This course focuses on the basic concepts of emergency and disaster in nursing. The student will recognize the nature of emergency nursing; identify the role of nurse in meeting different needs of patient during emergency and disaster situations, label the concept of operations of pre-emergency, preparedness, and response, and recovery operations of disaster within the community setting.	None	None
A0612401, Biostatistics {3}		The focus of this course is the understanding of biostatistics for application to nursing and evidence-based practice. Emphasis is placed on the interpretation and appraisal of data analyses for the selection and use of best evidence for making practical conclusions about empirical data. This course covers: study types; measures of frequency and association; confounding; screening; infectious disease outbreaks; measuring public health impact and use and interpretation of population health data. In addition, the unit covers an introduction to statistical concepts, their use and relevance in nursing and covers descriptive analyses of data; concepts underlying statistical inference; basic statistical methods for the analysis of continuous and binary data; and statistical aspects of study design. Specific topics include: probability distributions; sampling distribution of the mean; confidence interval and significance tests for one-sample; correlation and simple linear regression.	None	None