

# NURSING (NUR)

## **NUR-5100 Principles of Nursing I (6 semester hours)**

This course applies major concepts from the liberal arts and sciences to the understanding of the nursing profession. The framework for nursing knowledge base is developed and fundamental nursing interventions (physiologic, communicative, behavioral, and environmental) are taught using the evidence upon which the profession and the care of patients and populations is based. The course introduces the nursing student to the professional nursing role and its influence on health and illness, health promotion and disease prevention at the individual and population level across the lifespan. The professional role is explored within the context of the social, cultural, ethical and legal issues inherent in the nurse's role as provider of care, educator and advocate and as a member of the profession. The student is introduced to the health care system and the nurse's role as a member of an interdisciplinary care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to begin to systematically analyze information and implement fundamental nursing interventions based on evidence-based practice and recognize patterns of patient needs.

**Corequisite(s):** NUR-5100Z or both NUR-5101Z and NUR-5102Z.

**Co/prerequisite(s):** NUR-5105; NUR-5135; NUR-5165

### **Additional fee required**

## **NUR-5100Z Principles of Nursing I Lab (0 semester hours)**

This course applies major concepts from the liberal arts and sciences to the understanding of the nursing profession. The framework for nursing knowledge base is developed and fundamental nursing interventions (physiologic, communicative, behavioral, and environmental) are taught using the evidence upon which the profession and the care of patients and populations is based. The course introduces the nursing student to the professional nursing role and its influence on health and illness, health promotion and disease prevention at the individual and population level across the lifespan. The professional role is explored within the context of the social, cultural, ethical and legal issues inherent in the nurse's role as provider of care, educator and advocate and as a member of the profession. The student is introduced to the health care system and the nurse's role as a member of an interdisciplinary care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to begin to systematically analyze information and implement fundamental nursing interventions based on evidence-based practice and recognize patterns of patient needs.

**Corequisite(s):** NUR-5100.

### **Additional fee required**

## **NUR-5101Z Principles of Nursing I Lab (0 semester hours)**

This course applies major concepts from the liberal arts and sciences to the understanding of the nursing profession. The framework for nursing knowledge base is developed and fundamental nursing interventions (physiologic, communicative, behavioral, and environmental) are taught using the evidence upon which the profession and the care of patients and populations is based. The course introduces the nursing student to the professional nursing role and its influence on health and illness, health promotion and disease prevention at the individual and population level across the lifespan. The professional role is explored within the context of the social, cultural, ethical and legal issues inherent in the nurse's role as provider of care, educator and advocate and as a member of the profession. The student is introduced to the health care system and the nurse's role as a member of an interdisciplinary care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to begin to systematically analyze information and implement fundamental nursing interventions based on evidence-based practice and recognize patterns of patient needs.

**Corequisite(s):** NUR-5100.

### **Additional fee required**

## **NUR-5102Z Principles of Nursing I Clinical (0 semester hours)**

This course applies major concepts from the liberal arts and sciences to the understanding of the nursing profession. The framework for nursing knowledge base is developed and fundamental nursing interventions (physiologic, communicative, behavioral, and environmental) are taught using the evidence upon which the profession and the care of patients and populations is based. The course introduces the nursing student to the professional nursing role and its influence on health and illness, health promotion and disease prevention at the individual and population level across the lifespan. The professional role is explored within the context of the social, cultural, ethical and legal issues inherent in the nurse's role as provider of care, educator and advocate and as a member of the profession. The student is introduced to the health care system and the nurse's role as a member of an interdisciplinary care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to begin to systematically analyze information and implement fundamental nursing interventions based on evidence-based practice and recognize patterns of patient needs.

**Corequisite(s):** NUR-5100.

### **Additional fee required**

## **NUR-5105 Introduction to Professional Nursing and Interprofessional Collaboration (2 semester hours)**

This course explores the development of professional nursing. Students are introduced to selected concepts, themes and theories which will be used as a foundation throughout the curriculum. This course explores communication principles to promote collaborative and interdepartmental decisions with other healthcare professionals to create a comprehensive plan of care.

**NUR-5135 Advanced Physiology and Pathophysiology (4 semester hours)**

This course surveys the principles and mechanisms of disease on the cellular and organismal levels. Underlying physiologic and pathophysiologic principles common to disease processes across the lifespan. Integration of current evidence and technologies from nursing and other disciplines. The student will explore, analyze, apply and evaluate the normal and abnormal human responses to selected pathophysiologic mechanisms and conditions.

**Co/prerequisite(s):** NUR-5100/Z; NUR-5165.

**NUR-5165 Advanced Physical Assessment (4 semester hours)**

This course provides the framework for the systematic collection, organization, interpretation, integration and communication of data reflecting the health status of individuals across the lifespan. An emphasis on health promotion and reduction of risks that impact individuals, families, and communities in aggregate. Students will explore, analyze, apply and evaluate assessment principles and techniques in the classroom setting. A health assessment performance evaluation will occur in the laboratory setting and allow integration of advancing critical thinking skills.

**Corequisite(s):** NUR-5165Z.

**Co/prerequisite(s):** NUR-5100/Z; NUR-5135

**NUR-5165Z Advanced Physical Assessment Lab (0 semester hours)**

This course provides the framework for the systematic collection, organization, interpretation, integration and communication of data reflecting the health status of individuals across the lifespan. An emphasis on health promotion and reduction of risks that impact individuals, families, and communities in aggregate. Students will explore, analyze, apply and evaluate assessment principles and techniques in the classroom setting. A health assessment performance evaluation will occur in the laboratory setting and allow integration of advancing critical thinking skills.

**Corequisite(s):** NUR-5165.

**Additional fee required****NUR-5166Z Advanced Physical Assessment Lab (0 semester hours)**

This course provides the framework for the systematic collection, organization, interpretation, integration and communication of data reflecting the health status of individuals across the lifespan. An emphasis on health promotion and reduction of risks that impact individuals, families, and communities in aggregate. Students will explore, analyze, apply and evaluate assessment principles and techniques in the classroom setting. A health assessment performance evaluation will occur in the laboratory setting and allow integration of advancing critical thinking skills.

**Corequisite(s):** NUR-5165.

**Additional fee required****NUR-5200 Principles of Nursing II (6 semester hours)**

This course builds on the conceptual framework developed in Principles of Nursing I. The professional nursing role is explored further to gain a deeper understanding of the nurse's role as provider of care, educator, advocate and member of the profession. The student continues to function within the health care system as a member of an interprofessional care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to expand the ability to systematically analyze information, implement fundamental nursing interventions based on evidencebased practice and recognize patterns of patient needs. The course uses a blend of experiential and simulated learning activities.

**Prerequisite(s):** NUR-5100/Z; NUR-5135; NUR-5165

**Corequisite(s):** NUR-5200Z or both NUR-5201Z and NUR-5202Z.

**Co/prerequisite(s):** NUR-5220

**Additional fee required****NUR-5200Z Principles of Nursing II Lab (0 semester hours)**

This course builds on the conceptual framework developed in Principles of Nursing I. The professional nursing role is explored further to gain a deeper understanding of the nurse's role as provider of care, educator, advocate and member of the profession. The student continues to function within the health care system as a member of an interprofessional care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to expand the ability to systematically analyze information, implement fundamental nursing interventions based on evidencebased practice and recognize patterns of patient needs. The course uses a blend of experiential and simulated learning activities.

**Corequisite(s):** NUR-5200.

**NUR-5201Z Principles of Nursing II Lab (0 semester hours)**

This course builds on the conceptual framework developed in Principles of Nursing I. The professional nursing role is explored further to gain a deeper understanding of the nurse's role as provider of care, educator, advocate and member of the profession. The student continues to function within the health care system as a member of an interprofessional care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to expand the ability to systematically analyze information, implement fundamental nursing interventions based on evidencebased practice and recognize patterns of patient needs. The course uses a blend of experiential and simulated learning activities.

**Corequisite(s):** NUR-5200.

**Additional fee required**

**NUR-5202Z Principles of Nursing II Clinical (0 semester hours)**

This course builds on the conceptual framework developed in Principles of Nursing I. The professional nursing role is explored further to gain a deeper understanding of the nurse's role as provider of care, educator, advocate and member of the profession. The student continues to function within the health care system as a member of an interprofessional care team. Clinical: An integration of laboratory and clinical experiences will focus on the development of the nursing student to expand the ability to systematically analyze information, implement fundamental nursing interventions based on evidencebased practice and recognize patterns of patient needs. The course uses a blend of experiential and simulated learning activities.

**Corequisite(s):** NUR-5200.

**Additional fee required****NUR-5220 Advanced Pharmacology (4 semester hours)**

The focus of the course is to gain an understanding of the underlying physiology of the human body and the pharmacologic effects an agent will have on the human body. Principles of pharmacokinetics and pharmacodynamics provide the foundation for clinical decision making and care management. Emphasis on drug classifications, indications, action, interactions and side effects. The course explores the ethical, legal, cultural and age implications of pharmacologic therapy across diverse populations and the lifespan.

**Prerequisite(s):** NUR-5100; NUR-5135; NUR-5165

**Co/prerequisite(s):** NUR-5200/Z.

**NUR-5230 Mental Health Nursing (4 semester hours)**

This course prepares the nurse to utilize effective communication to develop therapeutic interpersonal relationships fundamental to all nursing practice. The dynamic interaction of physical and mental illnesses requires holistic nursing approaches developed from broad based ways of knowing. Purposeful use of self is the art of mental health nursing while psychosocial, neurobiological theories, and research evidence provide its scientific base. A comprehensive exploration of mental health disorders and current treatments prepares the nurse to function as an effective member of the inter-professional care team. Clinical: Clinical opportunities include experiential learning activities involving mental health patients across the lifespan in acute care and community-based settings. Exposure to self-help groups and other community resources are included. Simulated experiences may be utilized.

**Prerequisite(s):** NUR-5100/Z; NUR-5135; NUR-5165

**Corequisite(s):** NUR-5232Z or NUR-5230Z

**Co/prerequisite(s):** NUR-5200/Z; NUR-5220

**NUR-5230Z Mental Health Nursing Clinical (0 semester hours)**

This course prepares the nurse to utilize effective communication to develop therapeutic interpersonal relationships fundamental to all nursing practice. The dynamic interaction of physical and mental illnesses requires holistic nursing approaches developed from broad based ways of knowing. Purposeful use of self is the art of mental health nursing while psychosocial, neurobiological theories, and research evidence provide its scientific base. A comprehensive exploration of mental health disorders and current treatments prepares the nurse to function as an effective member of the inter-professional care team. Clinical: Clinical opportunities include experiential learning activities involving mental health patients across the lifespan in acute care and community-based settings. Exposure to self-help groups and other community resources are included. Simulated experiences may be utilized.

**Corequisite(s):** NUR-5230.

**NUR-5232Z Mental Health Nursing Clinical (0 semester hours)**

This course prepares the nurse to utilize effective communication to develop therapeutic interpersonal relationships fundamental to all nursing practice. The dynamic interaction of physical and mental illnesses requires holistic nursing approaches developed from broad based ways of knowing. Purposeful use of self is the art of mental health nursing while psychosocial, neurobiological theories, and research evidence provide its scientific base. A comprehensive exploration of mental health disorders and current treatments prepares the nurse to function as an effective member of the inter-professional care team. Clinical: Clinical opportunities include experiential learning activities involving mental health patients across the lifespan in acute care and community-based settings. Exposure to self-help groups and other community resources are included. Simulated experiences may be utilized.

**Corequisite(s):** NUR-5230.

**Additional fee required****NUR-5310 Scientific Inquiry and Research (3 semester hours)**

The purpose of this course is to advance the role of the nurse in the utilization of new knowledge through scholarly inquiry. The emphasis is on the research process and statistical analysis leading to the systematic evaluation and application of evidence-based nursing research. Research findings should be relevant and the foundation from which clinical and organizational decisions are made. The utilization of scientific evidence to improve nursing practice and ultimately patient outcomes is emphasized.

**Prerequisite(s):** MTH-5420

**NUR-5320 Nursing Informatics (3 semester hours)**

This course provides an overview of informatics and the theoretical foundation for information management within the health care setting. The student examines the way data are managed in health care environments and the influence of informatics technology on data management, clinical decision making and the nurse leader's role as a consumer and purchaser of information technology. The impact of automated data management through advances in information technology, health care information systems and telehealth are explored.

**NUR-5400 Medical Surgical Nursing I (7 semester hours)**

This medical surgical nursing course builds on the conceptual foundations learned in the principles of nursing practice, health assessment, pharmacology and behavioral health nursing courses. Pathophysiologic processes of all body systems are discussed focusing on evidence-based nursing interventions in the acute care setting. Application of the nursing process in interdisciplinary practice to prevent, promote, maintain and restore health throughout the lifespan is emphasized. Clinical: The clinical practicum focuses on intermediate nursing care and critical thinking within a collaborative practice setting. Emphasis is placed on the integration of evidence-based nursing interventions with the goal of meeting the diverse health needs of vulnerable adult patients from young adulthood to older adults. The course uses a blend of experiential and simulated learning activities.

**Co/prerequisite(s):** NUR-5320

**Additional fee required****NUR-5400Z Medical Surgical Nursing Clinical (0 semester hours)**

This medical surgical nursing course builds on the conceptual foundations learned in the principles of nursing practice, health assessment, pharmacology and behavioral health nursing courses. Pathophysiologic processes of all body systems are discussed focusing on evidence-based nursing interventions in the acute care setting. Application of the nursing process in interdisciplinary practice to prevent, promote, maintain and restore health throughout the lifespan is emphasized. Clinical: The clinical practicum focuses on intermediate nursing care and critical thinking within a collaborative practice setting. Emphasis is placed on the integration of evidence-based nursing interventions with the goal of meeting the diverse health needs of vulnerable adult patients from young adulthood to older adults. The course uses a blend of experiential and simulated learning activities.

**Corequisite(s):** NUR-5400.

**Additional fee required****NUR-5402Z Medical Surgical Nursing Clinical (0 semester hours)**

This medical surgical nursing course builds on the conceptual foundations learned in the principles of nursing practice, health assessment, pharmacology and behavioral health nursing courses. Pathophysiologic processes of all body systems are discussed focusing on evidence-based nursing interventions in the acute care setting. Application of the nursing process in interdisciplinary practice to prevent, promote, maintain and restore health throughout the lifespan is emphasized. Clinical: The clinical practicum focuses on intermediate nursing care and critical thinking within a collaborative practice setting. Emphasis is placed on the integration of evidence-based nursing interventions with the goal of meeting the diverse health needs of vulnerable adult patients from young adulthood to older adults. The course uses a blend of experiential and simulated learning activities.

**Corequisite(s):** NUR-5400.

**Additional fee required****NUR-5480 Leadership and Professional Role Development (3 semester hours)**

This course provides the student with theoretical principles and skills to develop her/his professional leadership role within complex health care systems. The nursing profession, advanced nursing practice roles, leadership responsibilities of nurses in advanced practice roles, the requirements for, and regulation of these roles are discussed. The importance of working effectively with inter-professional teams to deliver health care is emphasized. The professional expectation that the master's prepared nurse exerts leadership not only within the profession, but also in the health care delivery system is critical to professional role development.

**Co/prerequisite(s):** NUR-6430.

**NUR-5500 Medical Surgical Nursing II (6 semester hours)**

The medical surgical course builds on the conceptual foundations developed in Medical Surgical Nursing I and in Nursing Research. Pathophysiological processes are discussed, focusing on evidencebased nursing interventions in the acute care setting with an emphasis on the high-acuity patient, examining a diverse population across the adult lifespan. The professional nursing role is explored further to gain a deeper understanding of the nurse's role as provider of care, educator, advocate, researcher and manager of care. The student continues to function as a member of the interprofessional care team and is expected to continue to gain skills and confidence when collaborating with others. Clinical: The clinical experience emphasizes complex decision making through collaborative practice in high acuity and critical care settings. The student must demonstrate increasing autonomy and assume an assignment that more closely approximates a realistic workload for the novice nurse by developing skills in delegation, prioritization and management of care as an integral part of the interprofessional team.

**Prerequisite(s):** NUR-5400

**Corequisite(s):** either NUR-5500Z or NUR-5502Z.

**Additional fee required****NUR-5500Z Medical Surgical Nursing II Clinical (0 semester hours)**

The clinical experience emphasizes complex decision making through collaborative practice in high acuity and critical care settings. The student must demonstrate increasing autonomy and assume an assignment that more closely approximates a realistic workload for the novice nurse by developing skills in delegation, prioritization and management of care as an integral part of the interprofessional team.

**Corequisite(s):** NUR-5500.

**NUR-5502Z Medical Surgical Nursing II Clinical (0 semester hours)**

The clinical experience emphasizes complex decision making through collaborative practice in high acuity and critical care settings. The student must demonstrate increasing autonomy and assume an assignment that more closely approximates a realistic workload for the novice nurse by developing skills in delegation, prioritization and management of care as an integral part of the interprofessional team.

**Corequisite(s):** NUR-5500.

**Additional fee required**

**NUR-5520 Nursing Care of the Family (7 semester hours)**

This course focuses on the care and support of women, children and families. The course assists students in using critical thinking to identify the options for holistic, evidence-based practice within the realm of maternal and child nursing. In addition, students will explore strategies and resources for the provision of appropriate care in various clinical settings within social, ethical and multicultural frameworks. Clinical: The nursing care of women, children and families in various clinical settings is the focus of this clinical. Simulation learning experiences may be utilized to augment clinical experiences.

**Co/prerequisite(s):** NUR-6430

**NUR-5520Z Nursing Care of the Family OB Clinical (0 semester hours)**

The nursing care of women, children and families in various clinical settings is the focus of this clinical. Simulation learning experiences may be utilized to augment clinical experiences.

**Corequisite(s):** NUR-5520.

**NUR-5522Z Nursing Care of the Family OB Clinical (0 semester hours)**

The nursing care of women, children and families in various clinical settings is the focus of this clinical. Simulation learning experiences may be utilized to augment clinical experiences.

**Corequisite(s):** NUR-5520.

**Additional fee required****NUR-5523Z Nursing Care of the Family Pediatric Clinical (0 semester hours)**

The nursing care of women, children and families in various clinical settings is the focus of this clinical. Simulation learning experiences may be utilized to augment clinical experiences.

**Corequisite(s):** NUR-5520.

**Additional fee required****NUR-6430 Clinical Prevention and Population Based Practice (4 semester hours)**

This course provides nurses an in-depth understanding of concepts related to illness prevention, risk reduction, and health promotion of populations within the local, national and global health care context. The dynamic influence of social justice, political agendas, health disparities and culture on the collective values of quality and accessibility of health services are emphasized. Clinical: The clinical component for this course will apply nursing concepts and public health and community based practices to facilitate the promotion, maintenance and restoration of optimal health across the lifespan.

**Prerequisite(s):** NUR-5400

**Additional fee required****NUR-6430Z Clinical Prevention and Population Based Practice Clinical (0 semester hours)**

The clinical component for this course will apply nursing concepts and public health and community based practices to facilitate the promotion, maintenance and restoration of optimal health across the lifespan.

**Corequisite(s):** NUR-6430.

**Additional fee required****NUR-6432Z Clinical Prevention and Population Based Practice Clinical (0 semester hours)**

The clinical component for this course will apply nursing concepts and public health and community based practices to facilitate the promotion, maintenance and restoration of optimal health across the lifespan.

**Corequisite(s):** NUR-6430.

**Additional fee required****NUR-6500 Health Care Policy and Ethical Principles (3 semester hours)**

The purpose of this course is to advance the role of the nurse to influence healthcare policy, quality improvement and financial decision-making to improve the quality of health care delivery. Social, cultural, political and economic forces influencing ethical decision making are examined. Health care policy, resource availability and ethical principles will be used to evaluate health care policy decisions. How these decisions are made, how they are influenced by social values and the impact of these decisions on the global community are addressed.

**Prerequisite(s):** NUR-5480; NUR-6430.

**NUR-6630 Practicum: Role Concentration (5 semester hours)**

This course provides a framework for assisting students with the integration of the MENP program goals. During the clinical immersion experience the student works closely with a preceptor to model the professional nursing role and assist in the transition from education to practice. Students will focus on the refinement of nursing leadership skills, care coordination, interprofessional communication and team-based care. Students will apply evidence-based practice for promotion of quality improvement and safety in the health care setting.

**Additional fee required****NUR-6630Z Practicum: Role Concentration Clinical (0 semester hours)**

This course provides a framework for assisting students with the integration of the MENP program goals. During the clinical immersion experience the student works closely with a preceptor to model the professional nursing role and assist in the transition from education to practice. Students will focus on the refinement of nursing leadership skills, care coordination, interprofessional communication and team-based care. Students will apply evidence-based practice for promotion of quality improvement and safety in the health care setting.

**Additional fee required****NUR-6632Z Practicum: Role Concentration Clinical (0 semester hours)**

This course provides a framework for assisting students with the integration of the MENP program goals. During the clinical immersion experience the student works closely with a preceptor to model the professional nursing role and assist in the transition from education to practice. Students will focus on the refinement of nursing leadership skills, care coordination, interprofessional communication and team-based care. Students will apply evidence-based practice for promotion of quality improvement and safety in the health care setting.

**Additional fee required****NUR-6640 Preparation for Professional Practice (1 semester hours)**

This course is designed to facilitate the review of concepts required for licensure examination and entry into the practice of professional nursing. This course will utilize a comprehensive approach to review the four major client needs categories outlined within the NCLEX-RN Test Plan to address the physiological, psychological, social, spiritual, and cultural considerations of nursing care for diverse patients across the lifespan with common and complex alterations in the health continuum. The course will include both at home and in class assignments, exercises, quizzes, as well as standardized testing designed to enhance student success on the NCLEX-RN examination.