

COURSE DESCRIPTIONS

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NURS 3511 Health Assessment (3 Credits)

This course is designed to introduce concepts and skills required to evaluate the health status of a client and document appropriate findings. The course provides a holistic approach that integrates principles from the physical and social sciences. Students learn to use physical examination findings and interview data to formulate nursing diagnoses that guide the nursing process. There are a variety of educational approaches including lecture, online interactions, and laboratory experiences. Course activities encourage students to use critical thinking skills necessary for nursing practice. Prerequisite: None 3 Semester Credits (Contact hours per week: Lecture 2; Clinical/Lab 3) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3511W Health Assessment (3 Credits)

This course is designed to introduce RN to BSN concepts and skills required to evaluate the health status of a client and document appropriate findings. The course provides a holistic approach that integrates principles from the physical and social sciences. Students learn to use physical examination findings and interview data to formulate nursing diagnoses that guide the nursing process. There are a variety of educational approaches including lecture, online interactions, and laboratory experiences. Course activities encourage students to use critical thinking skills necessary for nursing practice. Prerequisite: None 3 Semester Credits (Contact hours per week: Lecture 2; Clinical/Lab 3) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3515 Adult Health Care I (3 Credits)

This course introduces major theories and concepts necessary to provide holistic nursing care to adults from diverse cultures with selected physiological disorders. These theories and concepts are introduced using a wellness-illness continuum and serve as a basis for critical thinking and use of the nursing process in the care of adult patients. Concepts such as health, culture, environment, aging, nutrition, and the professional nurse role in direct patient care and in collaboration with other health care providers are addressed. Students are provided the opportunity to master nursing technologies in a variety of laboratory and clinical situations. Co-requisites: N3511, N3517, N3540 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3515B Adult Health Care I-Clinical (2 Credits)

This course introduces major theories and concepts necessary to provide holistic nursing care to adults from diverse cultures with selected physiological disorders. These theories and concepts are introduced using a wellness-illness continuum and serve as a basis for critical thinking and use of the nursing process in the care of adult patients. Concepts such as health, culture, environment, aging, nutrition, and the professional nurse role in direct patient care and in collaboration with other health care providers are addressed. Students are provided the opportunity to master nursing technologies in a variety of laboratory and clinical situations. Co-requisites: N3511, N3515, N3517, N3540 2 Semester Credits (Contact hours per week: Clinical/Lab 6) Pass/Fail

NURS 3517 Pathophysiology (3 Credits)

This course focuses on the etiologic, symptomatologic, and pathologic aspects of selected human diseases across the life span. Concepts of health promotion, disease prevention, disease progression, and treatment are approached from a cellular and multi-system perspective. Influences of genetic, ethnic, cultural, and temporal variables on human disease are analyzed. Content aims at stimulating critical thinking. Research-based pathophysiologic knowledge will be applied to nursing management of illness and health restoration. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3521 Gerontologic Nursing (2 Credits)

This course is designed to explore current issues and concepts related to aging. Theories of aging and concepts such as health, culture, spirituality, and environment are addressed. The overall goal is to facilitate understanding of older persons and their unique needs in order to provide holistic care and foster a better quality of life. Prerequisite: N3511 Co-requisites: None 2 Semester Credits (Contact hours per week: Lecture 1; Clinical/Lab 3) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3523 Adult and Older Adult Healthcare II (4 Credits)

This course focuses on young, middle, and older adults experiencing an array of physiological disorders, and provides the opportunity for implementation of the nursing process in a variety of health care settings with a focus on secondary and tertiary prevention. Emphasis is on professional health care that reflects comprehensive, humanistic, altruistic, and inter-professional values. The course helps the student to incorporate professional standards as a basis for practice, to use critical thinking, to set priorities for patient care, to make nursing judgments, and to apply selected theory and research findings to provide holistic care to adults. Prerequisites: N3511, N3515, N3515B, N3517, N3540 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3523B Adult and Older Adult Healthcare II - Clinical (2 Credits)

This course focuses on young, middle, and older adults experiencing an array of physiological disorders, and provides the opportunity for implementation of the nursing process in a variety of health care settings with a focus on secondary and tertiary prevention. Emphasis is on professional health care that reflects comprehensive, humanistic, altruistic, and inter-professional values. The course helps the student to incorporate professional standards as a basis for practice, to use critical thinking, to set priorities for patient care, to make nursing judgments, and to apply selected theory and research findings to provide holistic care to adults. Prerequisites: N3511, N3515, N3515B, N3517, N3540 Co-requisites: N3523 2 clinical credit hours (90 clinical clock hours) Pass/Fail

NURS 3526 Psychiatric & Mental Health Care (4 Credits)

This course applies the nursing process to the care of individuals, families, and groups with psychiatric and mental health disorders. Diversity of age, gender, race, culture, developmental level, education, and socioeconomic backgrounds is emphasized. Issues of mental health and mental illness throughout the lifespan are examined. The professional nurse's role as a member of a collegial mental health care team in the 21st century is addressed. Opportunity is provided to develop skills in applying concepts of psychiatric nursing to the care of individuals and groups in inpatient and outpatient settings. The acceptance of responsibility and accountability for practice is reaffirmed. Personal and professional growth is promoted. Prerequisites: N3511, N3515, N3515B, N3517, N3540 Co-requisites: None 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded

NURS 3526B Psychiatric & Mental Health Care - Clinic (2 Credits)

This course applies the nursing process to the care of individuals, families, and groups with psychiatric and mental health disorders. Diversity of age, gender, race, culture, developmental level, education, and socioeconomic backgrounds is emphasized. Issues of mental health and mental illness throughout the lifespan are examined. The professional nurse's role as a member of a collegial mental health care team in the 21st century is addressed. Opportunity is provided to develop skills in applying concepts of psychiatric nursing to the care of individuals and groups in inpatient and outpatient settings. The acceptance of responsibility and accountability for practice is reaffirmed. Personal and professional growth is promoted. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L Co-requisites: None 2 Semester Credits (Contact hours per week: Clinical 6) Pass/Fail

NURS 3532 Reproductive Health Care (4 Credits)

This course is designed to offer students the opportunity to apply critical thinking and clinical judgments to the health care of the childbearing family from a holistic and humanistic perspective. Students integrate theories of nursing, family, systems, role, development, and communications and apply them to childbearing families. Nursing process, research, and ethical professional standards are applied to normal and high-risk childbearing families in various settings. Students critically analyze health care needs and resources of multicultural childbearing families and the ability of the health care system to meet those needs. Health assessment, health promotion, disease prevention, and management of normal and high-risk conditions in the prenatal, intrapartum, and postpartum periods will be the focus. The course is designed for students to examine the impact of the nursing perspective in an interdisciplinary approach to health care. The clinical portion of this course is designed to offer students the opportunity to apply theory, nursing process, critical thinking, and to develop psychomotor skills related to the care of women and neonates. Prerequisites: N3511, N3515, N3515B, N3517, N3540 Co-requisite: N3521, N3523, N3526 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3532B Reproductive Healthcare - Clinical (1 Credit)

This course is designed to offer students the opportunity to apply critical thinking and clinical judgments to the health care of the childbearing family from a holistic and humanistic perspective. Students integrate theories of nursing, family, systems, role, development, and communications and apply them to childbearing families. Systematic approach, evidence-based practice, and ethical professional standards will be applied to normal and high-risk childbearing families in various settings. Students critically analyze health care needs and resources of multicultural childbearing families and the ability of the health care system to meet those needs. Health assessment, health promotion, disease prevention, and management of normal and high-risk conditions in the prenatal, intrapartum, and postpartum periods will be the focus. The course is designed for students to examine the impact of the nursing perspective in an interdisciplinary approach to health care. The clinical portion of this course is designed to offer students the opportunity to apply theory, nursing process, critical thinking, and to develop psychomotor skills related to the care of women and neonates. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L Co-requisite: None 1 clinical credit hours (45 clinical clock hours) Pass/Fail

NURS 3532L Reproductive Health Care Skills and Simulation (1 Credit)

This course focuses on the practical application of the theoretical content related to person-centered nursing management of women and neonates. This course is designed to provide opportunities to care for women and neonates in a simulated clinical setting. The course will emphasize application of theoretical concepts, evidence-based practice, patient safety, teamwork, advanced technology and standards of professional nursing used in caring for the patients from diverse populations. Students enrolling Spring 2023 will follow these course requirements. Prerequisites: N3511, N3515, N3515B, N3517, N3540 Co-requisite: N3532 1 clinical credit hour (45 clinical clock hours) Pass/Fail

NURS 3536 Child and Adolescent Healthcare (4 Credits)

This course offers the student the opportunity to develop critical thinking skills for the care of children and families in various health care settings. It includes information from current literature, research, and practice pertinent to growth and development, psychosocial, cultural, and physical needs of children with emphasis focused on health promotion, health maintenance, and health restoration. Specific nursing theories, developmental theories, coping, grief and grieving, and system theories, for the care of children and families are explored. The nursing role and collegial relationships critical to holistic, humanistic, and altruistic care of families and children from multicultural backgrounds experiencing various stressors are discussed. Selected community resources and legal and ethical considerations in the care of children and families will be identified. The clinical portion of the course is designed to offer students the opportunity to apply theory, nursing process, and critical thinking skills to the care of children and families. Generalized and specialized ill child and well child settings are used for clinical placement. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3526, N3532, N3532L, N3540 Co-requisite: None 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 3536B Child and Adolescent Healthcare-Clinical (1 Credit)

This course offers students the opportunity to apply evidence-based practice, theory, nursing process and critical thinking skills to deliver quality patient-centered care to children and families. The student will incorporate professional standards as a basis for practice, use of critical thinking, prioritizing patient care and apply appropriate theories and research evidence to provide holistic care to pediatric patient. Emphasis is placed on professional health care that reflects comprehensive, humanitarian and interprofessional values. Generalized and specialized ill child and well child settings are used for clinical placement. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L Co-requisite: None 1 clinical credit hours (45 clinical clock hours) Pass/Fail

NURS 3536L Child and Adolescent Health Care Skills and Simulation (1 Credit)

The clinical simulation course is designed to offer students the opportunity to apply evidence-based practice, theory, nursing process, and critical thinking skills to deliver quality patient-centered care to children and families in the simulation laboratory setting. The student will incorporate professional standards as a basis for practice, use of critical thinking, prioritizing patient care and apply appropriate theories and research evidence to provide holistic care to the pediatric patient. Emphasis is placed on professional health care that reflects comprehensive, humanitarian and interprofessional values. Students enrolling Summer 2023 will follow these course requirements.

Prerequisites: N3511, N3515, N3515B, N3517, N3540, N3521, N3523, N3523B, N3526, N3532 Co-requisite: N3536 1 clinical credit hour (45 clock hours) Pass/Fail

NURS 3540 Pharmacotherapeutics (3 Credits)

This course focuses on the use of pharmacological agents in adult clients to prevent illness and maintain and restore wellness, and addresses relevant background information needed by the nurse to develop a plan of therapeutic intervention and to evaluate patient's response to drugs. Drug effects and management of clients receiving pharmaceutical agents is viewed from a holistic perspective. Co-requisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3560 Ethics: Historical Lessons (3 Credits)

This course will explore ethics through the perspective of historical case studies. Examples include the response of communities and governments to infectious diseases, research without consent of subjects, as well as the central role played by physicians and nurses in planning and implementing genocide in the name of eugenics and racial hygiene during the Holocaust and other genocides. The course will focus on exploring the lessons we can learn from history as we confront the challenges of problems in today's society and in the future. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3562 The End of Life: Interprofessional Perspectives on Death and Dying (3 Credits)

This interprofessional course is designed to familiarize the student with multiple aspects of the end-of-life experiences. Faculty will lead discussions concerning physiological processes, communication, ethical, legal, economic, and spiritual issues related to dying and death. Selected videos will be used to enhance topical discussions. Learning experiences include preparing an Advance Directive, a reflective journal, and selected group presentation. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3564W Introduction to Applied Health Informatics (3 Credits)

This course is designed to provide students with an introduction to informatics knowledge by the integration of health science, information management, and computer technology and to prepare students to utilize clinical information technologies to improve patient safety and health care outcomes. This course focuses on health information applications, ethical and privacy issues in health care informatics, and clinical information tools and emerging technologies for clinical practice. Students will have opportunities to examine clinical information system (CIS) and evaluate the appropriate use of health information technology for clinical practice. In addition, this course will focus on health informatics applications in education and research. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3565 Application of Multicultural Concepts to Healthcare of Latinos in the U.S. (3 Credits)

This course exposes students to cultural values, health related behaviors and linguistic characteristics of Latinos to facilitate the student's ability to assess, plan and deliver culturally sensitive nursing interventions for Latino patients and families and communities. Prerequisites: None Co-requisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3566W Power of Nursing Embracing the Healer's Art (1 Credit)

This course explores the meaning and practice of nursing. The course will focus on nursing's healing lineage, the universality of disappointment, grief, and loss; and the healing power of generous listening. The course will encourage students to cultivate the human dimensions of the practice of nursing. Prerequisites: None Co-requisites: None 1 Semester Credit (Contact hours per week: Lecture 1) Letter Graded

NURS 3567 The Intersection of Spirituality and Health (1 Credit)

Spirituality and religion play an important part in the lives of many people. As only one aspect of cultural competence, spiritual care by the nurse should enable desired spiritual and religious observance by patients. This course explores the intersection of faith, spirituality, and religion with the human experience of health and disease. Through visits to several diverse places of worship (including Buddhism, Christianity, Hinduism, Islam, and Judaism), as well as areas with a spiritual focus, the course enables the learner to examine the healer's role in acknowledging and addressing a patient's religion and spirituality and the role spirituality may play in health promotion and the healer's art. Prerequisites: None Co-requisites: None 1 Semester Credit (Contact hours per week: Lecture 1) Letter Graded

NURS 3568 The Art of Observation (1 Credit)

This course explores the use of visual analysis skills through accurate and detailed description of art as it applies to caring and healing. The impact of cultural bias on methods of observation and communication will be explored. Strategies for dealing with ambiguity and bias when gathering observations and evaluating interpretations are applied to the practice of professional nursing. Knowledgeable docents guide students through galleries in each museum(s) visited. Prerequisites: None Co-requisites: None 1 Semester Credit (Contact hours per week: Lecture 1) Letter Graded

NURS 3569W Nursing Professional Practice: Case Management in Primary Care (2 Credits)

This course focuses on innovative, integrated nursing case and care management models within the context of assessment, planning, implementation, collaboration, negotiation, and evaluation. The critical competencies and strategies in managing risk and legal liabilities, seeking and obtaining interdisciplinary support, coordination of services across placement settings, and client and caregiver education are discussed. An emphasis will be on the strategies effective in the management of care for diverse populations in primary care settings. Students will discuss functions and issues in evolving role demands, opportunities, and responsibilities of nurse case manager. Prerequisites: None Co-requisites: None 2 Semester Credit Hours (1 hour didactic and 1 hour clinical) Letter Graded

NURS 3570 Rehabilitation Nursing (2 Credits)

This course focuses on rehabilitation nursing practice with core knowledge and standard of practice that is unique for rehabilitation nursing. The critical competencies including principles of rehabilitation nursing, working with interprofessional team, neuroanatomy, functional assessment with principles of mobility education, cultural sensitivity, post-acute setting regulations, safe transitions of care, and ethics will be discussed. An emphasis will be on the foundational rehabilitation nursing knowledge and skills. Prerequisites: N3511, N3515, N3515B, N3517, N3540 2 Semester Credit Hours (1 hour didactic and 1 hour clinical) Letter Graded

NURS 3601W Community Health for RNs (3 Credits)

In community/public health nursing, a population is the unit of care. Professional nursing and public health principles and methods are emphasized in applying the nursing process to populations. The focus is on identifying and prioritizing population-level health problems, recognizing and addressing determinants of health, preventing health problems, and advocating for the health equity and access for all. Prerequisites: None Co-requisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 3602B Community Health Project for RNs (2 Credits)

In this course, students and faculty collaborate with professional and community partners to promote health and prevent disease in a population. The focus is on integration of professional nursing and public health principles and methods to apply the nursing process to individuals, groups, and populations. Students collaborate to assess populations at risk, analyze community health problems, plan interventions, and develop an evaluation plan. Prerequisite: None Co-requisite: 3601W 2 Semester Credits (Contact hours per week: Clinical 6) Letter Graded

NURS 3701W Professional Nursing Practice (4 Credits)

Theories are explored as a foundation for professional nursing practice. This course examines what it means for nursing to be a profession. The historical and theoretical foundations of professional nursing will be explored. Nursing will be analyzed in light of characteristics of a profession. The competencies expected of a professional nurse as well as the standards necessary to provide evidence based patient centered care will be examined. Group process and dynamics will be applied in developing and implementing a project. Prerequisite: None Co-requisite: None 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded

NURS 3702W Issues in Professional Practice (4 Credits)

This course explores issues relating to evidenced-based professional nursing practice. Professional standards of care, professional boundaries of practice, accountability, responsibility and cultural sensitivity will be discussed. Ethical theories and principles will be examined in relation to legal and ethical issues. The impact of biomedical ethics on the role of the nurse will be analyzed. The Nurse Practice Act, the Code of Ethics for Nurse, and other statutory laws, rules and regulations, legal and ethical responsibilities as well as workplace policies are examined. Prerequisite: None 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded

NURS 3703W Management and Leadership (4 Credits)

Emphasis will be placed on the leadership and management roles of the nurse in a inter- professional team practice. This course explores skills needed for fiscal responsibility, quality improvement, advocacy, leadership and management. Multiple career and educational opportunities for nursing will be explored. Organizational management and leadership theories will be examined as they apply to professional practice. Organizational standards for health care facilities will be examined. Prerequisite: None 4 Semester Credits (Contact hours per week: Lecture 4) Letter Graded

NURS 3704W Synthesis: Application for change into Practice for RNs (4 Credits)

Synthesis: Application for change into Practice for RNs Letter Graded

NURS 4499 Independent Study in Nursing (1-4 Credits)

This course gives the student an in-depth study in a specific topic area. Topic and mode of study must be agreed between student and instructor. Prerequisite: Permission of Instructor 1 to 4 Variable Semester Credits (Contact hours per week: Lecture 1-4, Lab TBD, Clinical TBD) Letter Graded

NURS 4512W Research Critique & Utilization (2 Credits)

This course provides the student with the opportunity to acquire knowledge that promotes development of a nursing research consumer. The course focuses on the relationship of the science of nursing to the practice of nursing. The course gives the student the opportunity to become familiar with the various methods of scientific inquiry including the components of the research, process, and concepts and terms associated with the process. Orientation to the research process gives the student the opportunity to develop a basis for critically evaluating research findings and applying the results to practice in a variety of clinical settings. Prerequisite for Pacesetter: N3511, N3515, N3515B, N3540 1 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 4521 Community/Public Health Nursing (3 Credits)

In community/public health nursing, the group, community, or population is the unit of care. Professional nursing and public health principles and methods are emphasized in applying the nursing process to populations. The focus is on identifying determinants of health, prioritizing problems, prevention, and advocating for those who might benefit from community/public health nursing services. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3526, N3532, N3532L, N3540 Co-requisite: N3536 3 Semester Credits (Contact hours per week: Clinical 3) Letter Graded

NURS 4521B Community/Public Health Nursing-Clinical (3 Credits)

In this course, students and faculty collaborate with professional community partners to promote health and prevent disease in a population. The focus is on integration of professional nursing and public health principles and methods to apply the nursing process to individuals, groups, and populations. Students collaborate to assess populations at risk, analyze community health problems, plan interventions, and develop an evaluation plan. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3526, N3532, N3532L, N3540 Co-requisite: N3536, N4521 3 Semester Credits (Contact hours per week: Clinical 9) Letter Graded Lab Fee: \$30

NURS 4526W Role Transition for RNs (2 Credits)

Educational and role development opportunities for nurses will be examined. The importance of professional goal development for future nursing roles will be explored. Different opportunities for advanced practice nursing will be investigated. Professional responsibility for lifelong learning through a myriad of professional organizations and activities will be explored. Prerequisites: None 2 Semester Credits (Contact hours per week: Lecture: 2) Letter Graded

NURS 4527W Professional Practice & Leadership (3 Credits)

This course explores selected leadership and management theories and concepts used in health care delivery. Selected issues relevant to nursing practice and education are presented as they relate to the student's adjustment to the professional nursing role. Professional nursing issues include scope of practice based on statutory laws and regulations, legal and ethical responsibilities, substance abuse/mental health, career development, and workplace issues. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 4528 Management of Patients in High Acuity Settings (3 Credits)

This course focuses on both the theoretical content related to nursing management of patients in high acuity care areas and the clinical application of this content in a compassionate holistic manner. The course incorporates theoretical applications and research findings in the areas of nutrition, prevention, rehabilitation, and socio-cultural aspects. The clinical component of this course is designed to provide a clinical practicum of high acuity care experiences guided by a preceptor. The course will emphasize application of theoretical concepts, research findings, advanced technology, and standards of professional nursing used in caring for patients from culturally diverse populations experiencing physiological and psychosocial alterations at various stages of the wellness/illness continuum. Psychosocial, lifespan, and behavioral concepts encountered by patients with high acuity disorders and trauma will be discussed. The management/leadership component of this course focuses on perspectives of the professional nursing role for the 21st century as demonstrated through professionalism, leadership, collaborative practice, critical thinking, and application of the nursing process in patient care. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3526, N3532, N3532L, N3540 Co-requisites: None 3 Semester Credits (Contact hours per week: (Lecture 3) Letter Graded Course fee: \$52 Lab Fee: \$30

NURS 4528B Management of Patients in High Acuity Settings - Clinical (3 Credits)

This course focuses on both the theoretical content related to patient centered nursing management of patients in high acuity care areas and the clinical application of this content in a compassionate holistic manner. The clinical component of this course is designed to provide a precepted clinical practicum of high acuity care experiences. The course will emphasize application of theoretical concepts, evidence-based practice, quality improvement, advanced technology and standards of professional nursing used in caring for patients from culturally diverse populations experiencing physiological and psychosocial alterations at various stages of the wellness/illness continuum. Psychosocial, lifespan, and behavioral concepts encountered by patients with high acuity disorders and trauma will be discussed. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L Co-requisites: None 3 clinical credit hours (135 clinical clock hours) Pass/Fail

NURS 4528L Management of Patients in High Acuity Settings Skills and Simulation (1 Credit)

This course focuses on both the theoretical content related to patient centered nursing management of patients in high acuity care areas and the clinical application of this content in a compassionate holistic manner. The clinical component of this course is designed to provide a precepted clinical practicum of high acuity care experiences. The course will emphasize application of theoretical concepts, evidence-based practice, quality improvement, advanced technology and standards of professional nursing used in caring for patients from culturally diverse populations experiencing physiological and psychosocial alterations in various stages of the wellness/illness continuum. Psychosocial, lifespan and behavioral concepts that are encountered by patients with high acuity disorder and trauma will be discussed. Students enrolling in Summer 2023 will follow these course requirements. Prerequisites: N3511, N3515, N3515B, N3517, N3540, N3521, N3523, N3523B, N3526, N3532, N3532L Co-requisites: N4528 1 clinical credit hour (45 clock hours) Pass/Fail

NURS 4529L Transition to Professional Nursing: Clinical Simulation (1 Credit)

This course utilizes clinical simulation and innovative technology to foster the experiential growth and development of essential professional nursing skills necessary for quality nursing care. The course will focus on core competencies for professional nursing care through the systematic approach. The course applies the nursing process within a simulated clinical environment to promote the application of educational knowledge to patient care scenarios. The simulated healthcare experiences will support the student's professional confidence, critical thinking and allow for the development of clinical reasoning within a safe learning environment. The course will emphasize application of theoretical concepts, evidence-based practice, advanced technology, and the standards of professional nursing used in caring for patients from culturally diverse populations experiencing physiological, psychological and psychosocial alterations across the lifespan and wellness/illness continuum. Prerequisites: N3511, N3515, N3515B, N3517, N3540, N3521, N3523, N3523B, N3526, N3532, N3532L, N3536, N3536L, N4521, N4521B, N4528, N4528L, N4512W Co-requisites: None 1 clinical credit hour (45 clock hours) Pass/Fail Lab Fee: \$30

NURS 4530W Critical Synthesis Application (1 Credit)

This course provides the student with the opportunity to apply test-taking and reasoning skills to adults, children, and families, and to integrate concepts from pathophysiology, pharmacology, and health assessment, nursing research, and clinical experiences using NCLEX review references, online resources, discussion, problem-based learning, case studies, and critical thinking approaches. Prerequisites: N3511, N3515, N3515B, N3517, N3521, N3523, N3523B, N3532, N3532L, N3526, N3536, N3536L, N3540, N4521, N4521B, N4512W, N4528, N4528L Co-Requisites: N3526B, N3536B, N3532B, N4528B, N4527W, N4529L 1 Semester Credit (Contact hours per week: Web-based/Lecture 1) Letter Graded

NURS 5501W Theoretical Foundations of Advanced Nursing (2 Credits)

This course provides an overview of philosophical and theoretical bases used in nursing science. Relevant theories are explored with the aim of synthesis in development, evaluation, and application of theory in nursing. Prerequisite: Graduate student status or permission of instructor 2 Semester Credits (Contact hours per week: Lecture 2 - online) Letter Graded

NURS 5522 Independent Study (1-4 Credits)

This course allows the student an opportunity to pursue a detailed in-depth study in a specific topic area. The topic and mode of study for the course must be agreed upon by student and instructor. Prerequisites: MSN standing or permission of instructor 1-4 Variable Semester Credits: (Lecture, lab or clinical: TBD) Letter Graded

NURS 5529W Pharmacology for Advanced Nursing Practice (3 Credits)

This course focuses on the analysis of advanced pharmacological and pharmacokinetic principles and the application of these principles to selected drug categories. Emphasis is on those drugs most commonly used in obstetric/gynecological, pediatric, adult and geriatric nursing practice. Analysis of selected health problems is integrated with the development of scientifically based clinical pharmacological management of these problems. Letter Graded Prerequisite: None 2 Semester Credits (Contact hours per week: Lecture 3) Letter Graded Course fee: \$358

NURS 6103W Informatics and Healthcare Technologies (3 Credits)

This course is designed to develop competency in the integration of concepts from nursing and computer and information science to assist students in the management, communication and assimilation of data necessary to make informed clinical decisions used to improve patient outcomes. Students will determine the appropriate use of technology for clinical practice and learn to ethically manage data, information, and technology to communicate effectively with members of the health care team, patients and caregivers to integrate safe, cost-effective, quality care across settings. The course also focuses on the application of health information technology to evidence-based practice, education and research. Prerequisites: Permission of the instructor 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6104W Nursing Informatics: Introduction to Concepts and Health Information Technologies (2 Credits)

This course is designed to develop competencies in nursing informatics concepts and an appreciation of health information and communication technologies to ensure safety, quality, effectiveness, and efficiency in patient care across diverse health care settings working in inter-professional teams. The knowledge and skills related to nursing informatics prepares the student to use and evaluate current and emerging technologies as well as offer supervision and leadership in the integration of technologies to ethically and strategically manage data, information, and technologies. Prerequisites: None 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 6105W Evaluation & Application of Research (3 Credits)

This synthesis course provides students with the opportunity to integrate theory, research and practice. Students will evaluate research findings to answer questions about a topic related to health care using information derived from the literature. Students will summarize the current state of the science related to the topic analyze the findings, and discuss the implications for health care in a written manuscript. Prerequisites: N6106W 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6106W Research for Evidence-Based Nursing Practice (3 Credits)

The course focuses on the research process from problem formulation to statistical analysis and interpretation. Clinically-based studies as well as epidemiological, population-based studies are analyzed and evaluated. Research designs and methods from quantitative, qualitative, epidemiological, and statistical perspectives will be presented and discussed. Concepts and methods used to assess the health of population, evaluate health services and screening programs, and measure health outcomes will be addressed. Implications for evidence based nursing practice will be emphasized. Prerequisites/Co-requisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6131W Electronic Communication and Technologies in Education (3 Credits)

This course is designed to prepare the nurse educator to develop web-based instructional modules. Student will explore various educational technologies and learn how to incorporate communication tools, such as social media and mobile devices into course design. They will apply strategies, guidelines and rubrics suitable for online instruction as they develop and evaluate course modules for web-based delivery. Prerequisite: Admission to the graduate program or permission of the instructor. 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6136W Foundations of Teaching and Learning in Nursing (3 Credits)

This course examines teaching and learning theories, assessment of learner characteristics, instructional design, and a variety of teaching strategies to prepare students to teach in programs of professional education, staff development, and/or patient education. Students will plan and deliver a unit of instruction for a selected group of learners. Prerequisite: Admission to the graduate program or permission of the instructor. 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6137W Curriculum Development and Evaluation (3 Credits)

This course focuses on nursing program curriculum design and evaluation, evaluation of student learning, and processes for peer and self-evaluation in relation to teaching effectiveness. Students will have an opportunity to develop nursing curricula/programs of study based on accreditation and licensing requirements, develop a program evaluation plan, and critique various methods for classroom and clinical learning. Prerequisites: Admission to the graduate program or permission of instructor. 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6151W Advanced Pathophysiology (3 Credits)

Using an integrative approach, this course focuses on the etiologic, symptomatic, and pathologic aspects of selected human alterations in health across the life span. Concepts of disease progression and management, health promotion, and disease prevention are examined from a cellular to a multi-system perspective. Regulatory and compensatory mechanisms that aim at maintaining and restoring homeostasis in response to changes in the internal and external environment are explored. Students are introduced to current pathophysiology research and the pathophysiologic processes of various diseases that inform diagnostic testing/procedures and pharmacologic and non-pharmacologic management of those conditions. Prerequisite: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded Course fee: \$358

NURS 6152B Advanced Physical Examination and Differential Diagnosis Practicum (1 Credit)

This course addresses the practical application of history taking and physical health assessment throughout the life cycle. Students will develop advanced physical assessment, critical thinking and diagnostic skills through the collection of a health history, performance of complete and focused physical examinations, organization of data, identification of normal and abnormal findings and presentation of these findings in a standardized format. The laboratory and simulation experiences provide an opportunity for the application and integration of health assessment skills needed for advanced practice nursing. Prerequisite: Graduate Standing Co-requisite: N6152W 1 Semester Credit (Contact hours per week: Lecture 0, Lab 3) Letter Graded Course fee: \$159

NURS 6152W Advanced Physical Examination and Differential Diagnosis Didactic (2 Credits)

This foundational course addresses the theoretical principles of history taking and physical health assessment throughout the life cycle. Students will develop advanced physical assessment and critical thinking diagnostic skills through the organization of data, interpretation and analysis of objective and subjective findings, identification of normal and abnormal findings, and reporting of these findings in a standard format. Students will also learn the principles and application of differential diagnosis. Prerequisite: None Co-requisite: N6152B 2 Semester Credits (Contact hours per week: 2 didactic hours) Letter Graded

NURS 6154W Transition to Advanced Nursing Practice (2 Credits)

This seminar course prepares students to transition into the nurse practitioner role, and is designed to provide the student with up-to-date, evidence-based information and resources directed toward care of patients with complex co-morbidities and clinically deteriorating conditions. The focus is on the domains and competencies of the nurse practitioner as direct provider across care settings. The business of health care will be examined as related to advanced practice nursing. This course is framed using a professional model of care. Prerequisites: Completion of second NP track didactic and clinical courses (N6195/ N6195B, or N6629W/N6629B, or N6305/N6305B, or N6231/N6231B) 2 Semester Credits (Contact hours per week: 2) Letter Graded

NURS 6165W Advanced Practice Role in Population Health (3 Credits)

This course examines the philosophical, political, economic, ethical and legal frameworks of advanced nursing practice roles from both a current practice and historical perspective. Students study current social, professional, legislative, and technological trends in health care as they relate to advanced practice nursing. The student is encouraged to develop the skills needed for role assumption and leadership within the health care delivery system and explore key clinical, legal, and ethical foundations/issues which impact advanced practice nursing. The course prepares advanced practice nurses to incorporate population health, health promotion, and health education into practice. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6191 Family Health II (3 Credits)

Family Health II Letter Graded

NURS 6194B Family Nurse Practitioner I - Clinical (3 Credits)

This course is the first of a two-course clinical sequence to prepare Family Nurse Practitioner program students in the primary care setting. The course focuses on a systems approach to health concerns seen in the primary care setting with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students apply concepts of health promotion, risk reduction, and disease prevention to individuals and families across the lifespan. Clinical experiences enable students to develop clinical reasoning skills required as an advanced practice nurse for individual clients and their families. Prerequisite: N5529W, N6151W, N6152W, N6152B, N6194W, N6551 Co-requisites: N6194W, N6551W 3 Semester Credits (Contact hours per week: Clinical 12) Letter Graded Course fee: \$485 Lab Fee: \$30

NURS 6194W Family Nurse Practitioner I (3 Credits)

care practice. The course uses a systems approach to acute and chronic health deviations with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students learn principles of health promotion, risk reduction, disease prevention and interdisciplinary and collaborative approaches to provide care to families across the lifespan. Prerequisite: N5529W, N6151W, N6152W, N6152B, N6194B, N6551W Co-requisites: N6194B, N6551W 3 Semester Credits (Contact hours per week: Lecture 3 Letter Graded

NURS 6195B Family Nurse Practitioner II-Clinical (4 Credits)

This is the second of a two-course clinical sequence that provides clinical experiences for Family Nurse Practitioner students. Focus is on the refinement of clinical reasoning skills needed to treat individual clients and their families in primary care. There is emphasis on the development of collaborative relationships with other health care providers and environmental factors that impact health status. Students explore health deviations of acute and chronic disorders and community resources to help manage common primary care health concerns. Course experiences enable students to progress toward increasing independence in clinical practice. Prerequisites N6194W, N6194B Co-requisite: N6195W 4 Semester Credits (Contact hours per week: Clinical 16) Letter Graded Course fee: \$485 Lab Fee: \$30

NURS 6195W Family Nurse Practitioner II (3 Credits)

This is the second of a two-course didactic sequence to prepare Family Nurse Practitioner students for the management of acute and chronic health problems encountered in the primary care of patients across the lifespan. Student focus is on the domains and competencies of the family nurse practitioner as direct provider of primary health care. The course provides a systematic approach to the assessment, diagnosis and treatment of common acute and chronic illnesses. Students explore factors that impact health status and the utilization of community resources to help manage health deviations of patients across the lifespan. Prerequisites: N6194W, N6194 B Co-requisite: N6195 B 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6230B Adult/Gerontology Acute Care Nurse Practitioner I - Clinical (3 Credits)

This clinical course provides the student with the foundation to apply principles of health promotion and disease management in younger and older adults across acute care settings. The student will utilize methodologies that facilitate critical thinking and application of advanced practice skills. Emphasis is placed on the use of a holistic and collaborative approach to care within a clinical experience supervised by a preceptor. The clinical experience provides an opportunity for clinical decision-making in acute care settings. Letter Graded Prerequisites: N5529W, N6152W, N6152B, N6151W Co-requisites: N6551W, N6230W 3 Semester Credit Hours: (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352 Lab Fee: \$30

NURS 6230W Adult/Gerontology Acute Care Nurse Practitioner I (3 Credits)

This is the first of a two-course series focusing on the recognition and management of manifestations of acute health deviations in acute and critical care settings. Pathophysiologic and pharmacokinetic concepts are applied in formulating differential diagnoses and evidence-based management plans for adults across the lifespan. Emphasis is placed on use of a holistic approach to care. The processes of communication, family and group dynamics, research, and epidemiology will be applied across acute care settings. Prerequisites: N5529W, N6152W, N6152B, N6151W Co-requisites: N6551W, N6230B 3 Semester Credit Hours: (Contact hours per Week: 2 Seminar, 1 Lecture) Letter Graded

NURS 6231B Adult/Gerontology Acute Care Nurse Practitioner Clinical Practicum II (3 Credits)

This is the second course in a two-course clinical series that provides the student with the foundation to apply principles of health promotion and disease management in younger and older adults across acute care settings. The student will utilize methodologies that facilitate critical thinking and application of advanced practice skills. Emphasis is placed on the use of a holistic and collaborative approach to care within a clinical experience supervised by a preceptor. The clinical experience provides an opportunity for clinical decision-making in acute care settings. Letter Graded Prerequisites: N6230W, N6230B Co-requisite: N6231W 3 Semester Credit Hours (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352 Lab Fee: \$30

NURS 6231W Adult/Gerontology Acute Care Nurse Practitioner II (3 Credits)

This is the second of a two-course series focusing on the recognition and management of manifestations of acute health deviations in acute and critical care settings. Pathophysiologic and pharmacokinetic concepts are applied in formulating differential diagnoses and evidence-based management plans for adults across the lifespan. Emphasis is placed on use of a holistic approach to care. The processes of communication, family and group dynamics, research, and epidemiology will be applied across acute care settings. Prerequisites: N6230W, N6230B Co-requisites: N6231B 3 Semester Credit Hours (Contact hours per week: Seminar 2, Lecture 1) Letter Graded

NURS 6271B Emergency/Trauma Care - Clinical I (3 Credits)

This course is a 180-hour clinical course in which the student will have hands on experience supervised by a preceptor in an approved clinical site. The clinical sites can range from urgent care to minor emergency settings, but are not limited to these settings. The student will be expected to experience non-urgent through urgent conditions that include management of acute and chronic care injury and disease in pediatric through gerontologic age ranges. Letter Graded Prerequisite: None Co-requisite: None 3 Semester Credits (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352 Lab Fee: \$30

NURS 6271W Emergency/Trauma Care I (3 Credits)

This is the first course in the emergency care sequence. Students concentrate on recognition and management strategies of health deviations, including acute/non-urgent and chronic exacerbation/maintenance of conditions across the life span. The students focus population of individuals and families who seek care in an emergency department and/or episodic/urgent care clinic. They utilize critical thinking and case synthesis to evaluate management and treatment of acute and chronic injury and disease conditions. Students are educated about the delivery of care to multicultural individuals and navigation through health care systems. The course addresses these issues using an interdisciplinary framework that includes legal and ethical factors. Prerequisites: N5529W, N6151W, N6152W, N6152B or certified as FNP 2 Semester Credits (Contact hours per week: Online hybrid) Letter Graded

NURS 6272B Emergency/Trauma Care - Clinical II (4 Credits)

This course is a 180-hour clinical course in which the student has direct care experience supervised by a preceptor in a clinical site. Clinical sites include urgent, emergent, pre-hospital and critical care access settings, but are not limited to these settings. The student will experience urgent and emergent critical conditions that include management of acute and chronic care injury and disease in pediatric through gerontologic age ranges. Letter Graded Prerequisites: N6271W 3 Semester Credit (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$418 Lab Fee: \$30

NURS 6272W Emergency/Trauma Care II (2 Credits)

This course is the final didactic course in the emergency care sequence and concentrates on recognition and management strategies of health deviations, including urgent and emergent acute and chronic exacerbation/maintenance of conditions from a lifespan perspective. The patient population is individuals and families who seek care in emergency department and/or critical access hospitals. Students utilize critical thinking and case synthesis to evaluate management and treatment of acute and chronic injury and disease conditions in urgent and in need of resuscitation. Pre-hospital and trauma management are components of this course. Consideration of access to care and benchmark delivery of evidence-based care in multiple methods of health care delivery systems affect legal and ethical care of patients. Prerequisites: N6271W Co-requisite: None 2 Semester Credit (Contact hours per week: Lecture 2) Letter Graded

NURS 6273B Emergency Medical Services Nurse Practitioner Program (clinical) (3 Credits)

"Course Description: N6273B This is a 180-hour clinical course in which the student will have hands on experience supervised by a preceptor in an approved clinical site. The clinical environments vary and include (but are not limited to) residential and business properties, healthcare environments, outdoors, inclement weather conditions, and emergency vehicles. The student will be expected to experience non-urgent, urgent, and critical patient conditions, including acute and chronic care injury and disease management in the pre-hospital setting. Required Prerequisites/Corequisites: N6271W, N6271B, N6272W, N6272B or ENP Academic Completion at another institution or a currently certified Emergency Nurse Practitioner " Pass/Fail

NURS 6273W Emergency Medical Services Nurse Practitioner Program (3 Credits)

"Course Description: N6273W This didactic course is a subspecialty option of the ETNP program. The course provides a comprehensive overview of the modern evolution of EMS in the United States, including the utilization of Nurse Practitioners in the provision and administration of prehospital care. The course emphasizes EMS operations, clinical management, quality improvement, research, disaster management, and the role of the advanced practice provider in EMS. Required Prerequisites/Corequisites: N6271W, N6271B, N6272W, N6272B or ENP Academic Completion at another institution or a currently certified Emergency Nurse Practitioner" Letter Graded

NURS 6304B Adult/Gerontology Primary Care Nurse Practitioner I - Clinical (3 Credits)

The focus of the course is on assessment, diagnosis, and management of health conditions in adults across the lifespan. The course provides the student with the foundation to apply principles of health promotion and disease management. Students utilize methodologies that facilitate critical thinking and the application of advanced practice skills in holistic patient management. Course activities promote the synthesis of theory and research into advanced clinical practice. The clinical experience provides an opportunity for independent and interdisciplinary experiences in clinical decision-making in diverse clinical settings. Letter Graded Prerequisite: N5529W, N6152W, N6152B, N6151W Co-requisite: N6304W, N6551W 3 Semester Credits (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352 Lab Fee: \$30

NURS 6304W Adult/Gerontology Primary Care Nurse Practitioner - Clin (3 Credits)

This is the first of a two-course sequence designed to prepare students for advanced practice. The course uses a systems approach to common health deviations with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students learn principles of health promotion, risk reduction, disease prevention and interdisciplinary/collaborative approaches to managing care for adult patients from adolescence through the lifespan. Prerequisite: N5529W, N6152W, N6152B, N6151W Pre/Co-requisite: N6551, N6304B 3 Semester Credits (Contact hours per week: Seminar 4; Lecture 1) Letter Graded

NURS 6305B Adult/Gerontology Primary Care Nurse Practitioner II - Clinical (3 Credits)

This course is a continuation of the clinical sequence. The focus of the course is on assessment, diagnosis, and management of health conditions in adults across the lifespan. The course provides the student with the foundation to apply principles of health promotion and disease management. Students utilize methodologies that facilitate critical thinking and the application of advanced practice skills in holistic patient management. Course activities promote the synthesis of theory and research into advanced clinical practice. The clinical experience provides an opportunity for independent and interdisciplinary experiences in clinical decision-making in diverse clinical settings. Letter Graded Prerequisite: N6304W, N6304B Co-requisite: N6305W 3 Semester Credits (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352 Lab Fee: \$30

NURS 6305W Adult/Gerontology Primary Care Nurse Practitioner II (3 Credits)

This is the second of a two-course sequence. The course provides the student with a foundation to recognize acute and chronic health deviations in adult across the lifespan. The course emphasizes critical thinking and an evidence-based approach in the assessment, diagnosis, thinking and an evidence-based approach in the assessment, diagnosis, and management of health conditions in the young, middle, and older adults. Prerequisite: N6304W, N6304B Co-requisite: N6305B 4 Semester Credits (Contact hours per week: Seminar 4; Lecture 1) Letter Graded

NURS 6401 Advanced Anatomy, Physiology & Biochemistry for Nurse Anesthesia (6 Credits)

This is a doctoral-level course that provides the nurse anesthesia graduate student an opportunity to build upon basic previous knowledge. The course comprises advanced anatomy, physiology and biochemistry of the human organ systems with an emphasis on the clinical application to anesthesiology. Part I will cover the neurologic, musculoskeletal, respiratory and cardiovascular systems at the biochemical, cellular, tissue and systems level. The graduate student will engage in analysis, synthesis and evaluation of the effects of general drugs, anesthetics and anesthetic adjuncts on normal physiologic and pathophysiologic functions. Prerequisites: Admission to Nurse Anesthesia Program Co-requisites: None 6 Semester Credits (Contact Hours Per Week: Lecture 6) Letter Graded

NURS 6402 Advanced Pharmacology & Chemistry for Nurse Anesthesia (4 Credits)

Advanced Pharmacology & Chemistry for Nurse Anesthesia involves an in-depth exploration of human pharmacology principles with a distinct focus on anesthetic agents and adjuncts. The course begins with an examination of the chemistry concepts associated with pharmacologic principles and the molecular basis of pharmacotherapeutic actions. Uptake, distribution, biotransformation, and elimination of clinically utilized anesthesia pharmacotherapeutics and adjunctive agents are discussed in detail. A predominate focus of this course is the translation of anesthetic pharmacotherapeutic principles into clinical anesthesia practice. Prerequisites: N6401 Co-requisites: N6404 4 Semester Credits (Contact Hours Per Week: Lecture 4) Letter Graded

NURS 6403 Adv. Pharmacology & Pharmacogenetics for Nurse Anesthesia (4 Credits)

Advanced Pharmacology & Pharmacogenetics for Nurse Anesthesia continues the in-depth exploration of human pharmacology begun in N6402. The uptake, distribution, biotransformation, and elimination of clinical pharmacotherapeutics utilized for the management of pathophysiologic conditions and the impact that these agents have on anesthetic care are discussed in detail. Pharmacogenetic disorders and the anesthetic implications of these disorders are also examined. Prerequisites: Successful completion (grade of B or better) of N6401, N6402 Co-requisites: N6407 4 Semester Credits (Contact Hours Per Week: Lecture 4) Letter Graded

NURS 6404 Adv. Anatomy, Physiology and Pathophysiology for Nurse Anesthesia (6 Credits)

This is a doctoral-level course that provides the nurse anesthesia graduate student an opportunity to build upon both basic and advanced previous knowledge. The course comprises advanced anatomy, physiology and pathophysiology of the human organ systems with an emphasis on the clinical application to anesthesiology. Part II will cover the renal, endocrine and gastrointestinal/hepatic systems at biochemical, cellular, tissue and systems level. The graduate student will engage in analysis, synthesis and evaluation of the effects of general drugs, anesthetics and anesthetic adjuncts on normal physiologic and pathophysiologic functions. Prerequisites: Successful completion (grade of B or better) of N6401 & N6402 Co-requisites: N6402 6 Semester Credits (Contact Hours Per Week: Lecture 6) Letter Graded

NURS 6405 Principles of Nurse Anesthesia Practice (6 Credits)

This is a doctoral-level course provides an opportunity for students to build upon the foundational knowledge established in N6407 and apply principles and practice of anesthesia using various modes of delivery including human patient, simulation, lecture, and web-based applications. Students are introduced to various neuraxial anesthetic techniques, mechanical ventilation principles, prevention of patient complications, blood component therapy, advanced anesthesia monitoring equipment, and application of chemistry & physical theories to the delivery of anesthetic agents. Additionally, clinically relevant topics, such as acute pain management, 12-lead ECG interpretation, malignant hyperthermia, electrical and fire safety, and infection control will be discussed. The predominant focus of this course relates to the full-scope of anesthetic management of patient populations with coexisting advanced disease states, such as obesity/OSA, chronic pain, cancer, cardiac disease, respiratory illness, endocrine, renal and hepatobiliary disorders, and the anesthetic management of surgical and therapeutic procedures, such as laparoscopic procedures, orthopedic surgery, ENT procedures, genitourinary surgery, and outpatient/office-base surgery. Students are expected to develop and evaluate anesthetic care plans to address pathophysiologic implications, procedural implications, anesthetic techniques, prevention and management of patient complications, and equipment and monitoring requirements for specific types of anesthetic cases. Prerequisites: Successful completion (grade of B or better) of N6401, N6402, N6403, N6404 and N6407 Co-requisites: None 6 Semester Credits (Contact Hours per Week: Lecture 6) Letter Graded Course fee: \$684 Lab Fee: \$30

NURS 6405B Principles of Nurse Anesthesia Lab (2 Credits)

This lab course provides the student an opportunity for deliberate practice of basic principles of anesthesia discussed in N6405, using various modes of delivery including human patient simulation, case discussion and task trainers. In this laboratory course, students gain experience in the development, implementation, and evaluation of an anesthesia plan of care in physical status class I and II simulated patients. Management of clinically relevant complications and examination of safety considerations are also undertaken in this course. Prerequisites: N6401, N6402, N6403, N6404, N6407 Co-requisites: N6405 1 Semester Hours (Contact Hours Per Week: Lab 3) Pass/Fail Lab Fee: \$30

NURS 6406 Leadership, Organizations, Finance, & Practice Management in Nurse Anesthesia (4 Credits)

This doctoral nurse anesthesia course focuses on a variety of nontechnical skills needed by the Certified Registered Nurse Anesthetist (CRNA) including professional leadership, management and administration of teams and organizations, effective interprofessional communication, cultural competency and collaborative teamwork. In addition, the course also provides an overview of organizational structure, human resources and business planning. The course provides an opportunity to reflect on the history of anesthesia and nurse anesthesia practice and the relationship of that practice in the development and growth of the American Association of Nurse Anesthetists (AANA). Legal, political and financial aspects of practice, including malpractice, quality assurance, risk management, professional advocacy and professional reimbursement will be explored. Prerequisites: N6402, N6404 Co-requisites: None 4 Semester Credits (Contact Hours Per Week: Lecture 4) Letter Graded

NURS 6407 Essentials of Nurse Anesthesia Practice (3 Credits)

This doctoral level course introduces the learner to fundamental principles and practice associated with nurse anesthesia practice. Students are introduced to various anesthetic techniques (including general and neuraxial anesthesia), anesthetic delivery systems, airway management procedures and modalities, preanesthetic evaluation, preanesthetic patient positioning considerations, fluid and electrolyte management and basic anesthesia monitoring equipment. Prerequisites: Successful completion (grade of B or better) of N6401, N6402 N6404 Co-requisites: N6403 2 Semester Credits (Contact Hours Per Week: Lecture 2) Letter Graded

NURS 6407B Essential Nurse Anesthesia Lab (1 Credit)

Course Description: N6407B provides the student with an opportunity for deliberate practice of the essential principles of anesthesia discussed in N6407, potentially using various modes of delivery including human patient simulation, case discussion, and task trainers. In this laboratory course, students gain experience in basic airway management, anesthesia machines and equipment and monitoring modalities. Prescribed management of induction techniques, relevant complications, and examination of safety considerations are also undertaken in this course. Required Prerequisites: Successful completion of N6402 and N6404 Corequisites: Enrollment in N6407 Pass/Fail

NURS 6408 Advanced Principles of Nurse Anesthesia Practice (6 Credits)

This is a doctoral level course that examines the advanced anesthetic implications associated with subspecialty anesthesia practice. The predominant focus of this course is subspecialty anesthesia practice, including obstetrical, pediatric, neurosurgical, regional, thoracic, trauma and burns, cardiothoracic/vascular anesthesia and chronic pain management. Building upon foundations developed in N6405, students explore anesthetic implications for advanced disease states, patient populations and complex surgical procedures. Students are expected to develop and evaluate advanced anesthetic care plans that address pathophysiologic implications, procedural implications, anesthetic techniques, prevention and management of patient complications, and equipment and monitoring requirements for specific types of subspecialty anesthetic cases. Prerequisites: Successful completion (grade of B or better) of N6401, N6402, N6403, N6404, N6405, N6405B, N6407 Co-requisites: N6408B 6 Semester Hours (Contact Hours Per Week: Lecture 6) Letter Graded Course fee: \$684 Lab Fee: \$30

NURS 6408B Advanced Principles of Nurse Anesthesia Practice Lab (1 Credit)

This lab course provides the student an opportunity for deliberate practice of advanced principles of anesthesia discussed in N6408, using various modes of delivery including human patient simulation, case discussion and task trainers. In this laboratory course, students gain experience in the development, implementation, and evaluation of an anesthesia plan of care in physical status class III and IV simulated patients. Management of clinical relevant complications, and examination of anesthetic considerations in procedure specific and various disease states are also undertaken. High-fidelity simulation activities and weekly clinical rotations are utilized to solidify concepts examined. Prerequisites: Successful completion (grade of B or better) of N6401, N6402, N6403, N6404, N6405, N6405B, N6407 Co-requisites: Enrollment in N6408 1 Semester Hours (Contact Hours Per Week: Lab 3) Pass/Fail Lab Fee: \$30

NURS 6409 Nurse Anesthesia Clinical Practicum I (10 Credits)

The first clinical practicum of an advanced graduate-level nurse anesthesia program provides an opportunity to optimize the student's theoretic foundation in anesthesia and anesthetic-related basic sciences. The course will promote the development of critical thinking abilities and reflective examination of practice. Relevant clinical objectives are introduced within the focus of the practicum. Letter Graded Prerequisites: Successful completion (grade B or better) of N6408, N6408B Co-requisites: Seminars in Nurse Anesthesia I N6410, N6420W 10 Semester Credits (Contact Hours Per Week: Clinical 50) Pass/Fail Course fee: \$418 Lab Fee: \$30

NURS 6410 Seminars in Nurse Anesthesia I (2 Credits)

This is the first of the three-semester clinical anesthesia seminar courses in which the nurse anesthesia-DNP student demonstrates breadth, depth, and synthesis of knowledge and skills related to nurse anesthesia clinical practice and the DNP role. While the predominant focus of this course is the exploration of clinical anesthesia issues, issues involving population health and policy/advocacy are also analyzed. The health of the nation and the impact of health care policy on anesthesia practice and the healthcare system are evaluated. Prerequisites: Successful completion of N6408, N6408B Co-requisites: Nurse Anesthesia Clinical Practicum I N6409 and N6420W 2 Semester Credits (Contact Hours Per Week: Seminar 4) Letter Graded

NURS 6411 Nurse Anesthesia Clinical Practicum II (10 Credits)

The second clinical practicum of an advanced graduate-level nurse anesthesia program provides an opportunity to optimize the student's theoretic foundation in anesthesia and anesthetic-related basic sciences. The course will promote the development of critical thinking abilities and reflective examination of practice. Relevant clinical objectives are continued within the focus of the practicum. Letter Graded Prerequisites: Successful completion of N6409, N6410, N6420W Co-requisites: N6430 10 Semester Hours (Contact Hours Per Week: Clinical 50) Pass/Fail Course fee: \$418 Lab Fee: \$30

NURS 6411B Nurse Anesthesia Clinical Lab (1 Credit)

"Course Description: Provides an opportunity to optimize the students' theoretic foundation in anesthesia and anesthetic-related basic sciences alongside their technical skills, potentially using various modes of delivery including human patient simulation, case discussion and task trainers. In this laboratory course, students gain experience in the development, implementation, and evaluation of an anesthesia plan of care in for patients with all physical status classifications. Additionally, students practice the technical skills required to provide care for acutely ill patients. Management of clinically relevant complications and examination of safety considerations are also undertaken on this course. Required Prerequisites: Successful completion of N6409 and N6410 Co-requisites: Enrollment in N6411 " Pass/Fail

NURS 6412 Nurse Anesthesia Practicum III (10 Credits)

The third clinical practicum of an advanced graduate-level nurse anesthesia program provides an opportunity to optimize the student's theoretic foundation in anesthesia and anesthetic-related basic sciences. The course will promote the development of critical thinking abilities and reflective examination of practice in sub-specialty clinical areas. Relevant clinical objectives are continued within the focus of the practicum. Letter Graded Prerequisites: Successful completion of N6411 Co-requisites: N6413, N6430 10 Semester Hours (Contact Hours Per Week: Clinical 50) Pass/Fail Course fee: \$418 Lab Fee: \$30

NURS 6413 Seminars in Nurse Anesthesia II (2 Credits)

This is the second of the three-semester clinical anesthesia seminar courses in which the nurse anesthesia-DNP student demonstrates breadth, depth, and synthesis of knowledge and skills related to nurse anesthesia clinical practice and the DNP role. While the predominant focus of this course is the exploration of clinical anesthesia issues, issues involving organizational/systems leadership, evidence-based practice and information technology are also analyzed. Organizational leadership for improving quality and the use of technology to improve anesthesia and healthcare are evaluated. Best practice, guideline and benchmarking methodologies are also examined. Prerequisites: Successful completion of N6411 Co-requisites: N6412, N6430 2 Semester Credits (Contact Hours Per Week: Seminar 4) Letter Graded

NURS 6414 DNP Inquiry in Nurse Anesthesia I (1 Credit)

This clinical DNP Role Inquiry in Nurse Anesthesia course encompasses a beginning of a directed and focused experience based on a student's individualized interests and DNP Project. The purpose of this course is to introduce the student to select AACN DNP Essentials. The processes of planning, implementing and evaluating programs for improving care outcomes and delivery, as well as the DNP Project are also introduced. The student is expected to gain clinically relevant exposure to: systems thinking and leadership, translation and implementation practices, quality and outcomes management and interprofessional collaboration. Prerequisites: N6407 Co-requisites: N6405, N6405B 1 Semester Credit (Contact Hours Per Week: Lecture 1) Pass/Fail

NURS 6415 Nurse Anesthesia Practicum IV (10 Credits)

The final clinical practicum of an advanced graduate-level nurse anesthesia program provides an opportunity to optimize the student's theoretic foundation in anesthesia and anesthetic-related basic as well as advanced sciences. The course enhances the development of critical thinking abilities and reflective examination of practice in sub-specialty clinical areas. Demonstration of evidence-based practice principles is highlighted, and relevant clinical objectives are continued within the focus of the advanced practicum. Letter Graded Prerequisites: Successful completion of N6412, N6413 Co-requisites: N6416, N6430 10 Semester Hours (Contact Hours Per Week: Clinical 50) Pass/Fail Course fee: \$418 Lab Fee: \$30

NURS 6416 Seminars in Nurse Anesthesia III (2 Credits)

This is the third of the three-semester clinical anesthesia seminar courses in which the nurse anesthesia-DNP student demonstrates breadth, depth, and synthesis of knowledge and skills related to nurse anesthesia clinical practice and the DNP role. While the predominant focus of this course is the exploration of clinical anesthesia issues, issues involving evidence-based practice, clinical scholarship and interprofessional collaboration are also. The impact of interprofessional collaboration on patient outcomes is evaluated. Intraprofessional and interprofessional communication, team-building, teamwork and team leadership are analyzed. Prerequisites: Successful completion of N6413 and N6412 Co-requisites: N6415, N6430 2 Semester Credits (Contact Hours Per Week: Seminar 4) Letter Graded

NURS 6418W Foundations of Scholarly Nurse Anesthesia Practice (3 Credits)

This foundational course focuses on analyzing Doctor of Nursing Practice (DNP) competencies, role, and scholarship as the foundation for scholarly practice at the DNP level. Post-baccalaureate registered nurses will be introduced to the foundations of science and scientific inquiry. The scientific literature will be examined to increase understanding of design and statistical analysis for building science and application to entry-level advanced nursing practice. The theoretical bases for practice, including nursing and borrowed theories are analyzed for application to practice. Evidence based practice, leadership, innovation/change, and interprofessional collaboration/teams are analyzed as fundamental components of DNP practice. The scholarly analysis of peer-reviewed literature will be introduced. Prerequisites: Admission to DNP-Nurse Anesthesia Program Co-requisites: None 3 Semester Credits (Contact Hours Per Week: Lecture 3) Letter Graded

NURS 6420 Translational Approaches in Clinical Practice (3 Credits)

The course is designed to critically examine the state of the science of translational science including concepts, models, and methods for translation and implementation of evidence and research into practice. Within the scope of an identified clinical problem and population of interest, the student will critically review the literature that addresses the problem, significance, population, practice setting, and expected outcomes as a basis to implement and disseminate a change in practice and care. Students examine current and future leadership and innovation roles of DNP's for quality and safety standards in translational and implementation of evidence-based practice. There is emphasis on practitioner-researcher collaboration to build science and best practice and intra-and interprofessional collaboration to implement change and embed it into practice. Evaluation of implementation and practice change are also discussed. Prerequisites: N6807, N6414, N6408 Co-requisites: N6409, N6410 3 Semester Credits (Contact Hours Per Week: Lecture 3) Letter Graded

NURS 6430 Clinical Scholarship Portfolio in Nurse Anesthesia (1-3 Credits)

The course focuses on preparing the Clinical Scholarship Portfolio (CSP) and DNP Project. Each student will identify a clinical practice problem that she or he wishes to address and develop into a DNP Project with the guidance and mentorship of their advisor. Investigating and designing a program to improve anesthesia-related safety, quality, outcomes, practice, delivery or policy aligned with the Institute of Medicine's six aims: health care safety, effectiveness, patient-centeredness, timeliness, efficiency or equity will be necessary for the DNP Project and provide the foundation for future scholarly endeavors. Prerequisites: Successful completion of didactic phase courses in Nurse Anesthesia Program Co-requisites: N6411, N6412, or N6415 Variable (1-2) Credit (Contact Hours Per Week: Lecture 1-2) Pass/Fail

NURS 6431 Nurse Anesthesia Clinical Scholarship Portfolio 1 (1 Credit)

Course Description: N6431 focuses on the identification, background, and significance of a clinical topical area or practice problem for the nurse anesthesia DNP Project. Enrolled nurse anesthesia students will explore, in detail, the clinical practice topical area or practice problem identified for their nurse anesthesia DNP Project. Required prerequisites: Successful completion of N6403, N6406, N6407, N6407B, and N6420W Corequisites: N6405, N6405B, N6806 Pass/Fail

NURS 6432 Nurse Anesthesia Clinical Scholarship Portfolio 2 (0 Credits)

Course Description: N6432 focuses on the development and execution of the literature analysis for the nurse anesthesia DNP Project. Enrolled nurse anesthesia students will develop the literature search and literature analysis for a defined clinical anesthesia topic area or problem. Required prerequisites: Successful completion of N6405, N6405B, N6431 Corequisites: N6408, N6408B Pass/Fail

NURS 6433 Nurse Anesthesia Clinical Scholarship Portfolio 3 (1 Credit)

Course Description: N6433 focuses on the development of the implementation plan and/or evidence-based practice recommendations/implications for nurse anesthesia DNP Project. Enrolled nurse anesthesia students will develop implementation plan and/or evidence-based practice recommendations for a defined clinical anesthesia topic area or problem. Required prerequisites: Successful completion of N6408, N6408B, N6432 Corequisites: N6409, N6410 Pass/Fail

NURS 6434 Nurse Anesthesia Clinical Scholarship Portfolio 4 (1 Credit)

Course Description: N6434 focuses on the development of the evaluation plan for the nurse anesthesia DNP Project. Enrolled nurse anesthesia students will complete and submit the completed evidence-based nurse anesthesia clinical doctoral project in this course. Required prerequisites: Successful completion of N6409, N6410, N6433 Corequisites: N6411, N6411B Pass/Fail

NURS 6551W Diagnostic Tests and Procedures (2 Credits)

This course is designed for students preparing for the nurse practitioner clinical role and will incorporate basic skills necessary to meet clinical competencies in all advanced nursing populations and specialties recognized or supported by national regulating advanced practice nursing organizations. The content in this course will enhance the content of all clinical courses by focusing on diagnostic and clinical skill performance to enhance the proficiency of differential diagnosis. Prerequisite: N6152W, N6152B Co-requisite: N6152W, N6152B 2 Semester Credits (Contact hours per week: Lecture 1; Clinical 3) Letter Graded Course fee: \$345

NURS 6628B Psychiatric and Mental Health Nurse Practitioner - Clinical (3 Credits)

This clinical course focuses on assessment, diagnostic reasoning, and therapeutic intervention with individual clients manifesting psychiatric disorders. Emphasis is placed on use of culturally congruent, holistic, and interdisciplinary care within supervised clinical experiences. Mastery of beginning skills of individual, group and family therapy and continued progress in honing expertise in evaluation of clients with mental health problems will be targeted. Letter Graded Prerequisite: N5529W, N6152W, N6152B, N6151W Co-requisites: N6551W, N6628W 3 Semester Credits (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352

NURS 6628W Psychiatric and Mental Health Nurse Practitioner (3 Credits)

The major focus of this course is understanding the principles of psychotherapeutic interviewing skills and the modalities of individual, group, and family psychotherapy for clients with diverse biopsychosocial problems across the lifespan. Emphasis will be on the different therapies available to treat individuals, groups, and families with increased awareness of the dynamics and processes of the therapeutic dyad, groups and families. The sociocultural aspects and influences will also be examined. Principles and practice of individual, group, and family psychotherapy leadership will be explored. Prerequisites: N5529W, N6152W, N6152B, N6151W Co-requisites: N6628B, N6551W 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6629B Psychiatric and Mental Health Nurse Practitioner - Clinical II (3 Credits)

The major focus of this practicum is the further development of the Psychiatric Mental Health Nurse Practitioner student in the realm of psychopharmacotherapeutics with clients across the lifespan. Students develop their skills in communication from a variety of theories of psychotherapy and refine their skills in the assessment, diagnosis, and pharmacological treatment of various psychiatric illnesses in a variety of settings. Letter Graded Prerequisite: N6628W, N6628B Co-requisites: N6629W 3 Semester Credits (Contact hours per week: Clinical 12) Pass/Fail Course fee: \$352

NURS 6629W Psych/Mental Health Nurse Practitioner II (3 Credits)

The major focus of this course is on psychopharmacology and the management of psychiatric illnesses across the lifespan. Theoretical underpinnings of communication processes used in the comprehensive care of the complex psychiatric patient in various settings is explored. Evaluation and utilization of current research findings regarding mental illnesses and management to provide evidence-based treatment for psychiatric patients is emphasized. Prerequisite: N6628W, N6628B Co-requisites: N6629B 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6650 Ethics: Historical Lessons (3 Credits)

This course will explore ethics through the perspective of historical case studies. Examples include the response of communities and governments to infectious diseases, research without consent of subjects, as well as the central role played by physicians and nurses in planning and implementing genocide in the name of eugenics and racial hygiene during the Holocaust and other genocides. The course will focus on exploring the lessons we can learn from history as we confront the challenges of problems in today's society and in the future. Prerequisites: None 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6657 Writing for Publication (3 Credits)

This course presents graduate nursing students with the opportunity to develop knowledge and skills that will enable them to communicate effectively in writing for publication. Information and strategies for dissemination of scholarly work through publication in professional journals and other venues is the focus. The process of peer review and critique and editing are practiced. The anticipated outcome is a paper suitable for submission for publication in a professional journal. Prerequisites: Graduate Standing 5 Semester Credits (Contact hours per week: Lecture 3) Letter Graded

NURS 6701 Transforming Healthcare Through Nursing Leadership (3 Credits)

The purpose of this course is to prepare nurses for leadership with patients, families, and other healthcare team members. The course provides a global context for the complex issues within contemporary healthcare as well as essential skill sets for coordinating clinical care and leading and developing teams. The course is relevant for nurses who aspire to lead at the point of care or in formal management positions. Prerequisite: Admission to MSN in Nursing Leadership track 3 Semester Credits (Contact hours per week: Lecture 3) Letter Graded Course fee: \$258

NURS 6702 Organizational Development: Creating Cultures of Excellence (2 Credits)

The purpose of this course is to prepare nurses to utilize organizational development principles and techniques to evaluate and improve complex health systems. Standards and criteria from national quality recognition programs will be used to support the design of structures for system improvement and creation of high performing organizations. Prerequisite: N6701 Co-requisite: N6702B 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded Course fee: \$258

NURS 6702B Nursing Leadership Practice 1 (1 Credit)

This course is the practice component of N6702. The purpose of this course is application of organizational development principles and techniques to evaluate and improve complex health systems (60 supervised practice hours). Prerequisite: N6701 Co-requisite: N6702 1 Semester Credit (Contact hours per week: Clinical 4) Letter Graded Lab Fee: \$30

NURS 6703 Developing and Leading Human Performance (3 Credits)

The course is designed to expand the leader's knowledge regarding the utilization of the workforce. Content focuses on contemporary performance management issues and current research, issues related to human resource management, and related theoretical perspectives. Course is offered the Fall semester. Prerequisites: N6701, N6702, N6702B 3 Semester Credits (Contact hours per week: Lecture 2; Clinical 4) Letter Graded Course fee: \$112

NURS 6704 Improving Organizational Quality (2 Credits)

This course focuses on building and maintaining a safe care environment utilizing principles of quality improvement and includes strategies for creating and sustaining quality, customer satisfaction, and patient safety. Prerequisites: N6701, N6702, N6702B, N6703, N6707W Co-requisite: N6704B 2 Semester Credits (Contact hours per week: Clinical 4) Letter Graded Course fee: \$258

NURS 6704B Nursing Leadership Practice 2 (1 Credit)

This course is the practice component of N6704. The learner will apply principles and techniques of quality improvement and patient safety in a practice setting through project development and implementation (60 supervised practice hours). Prerequisite: N6701, N6702, N6702B, N6703, N6707W Co-requisite: N6704 1 Semester Credit (Contact hours per week: Clinical 4) Letter Graded Lab Fee: \$30

NURS 6705W Nursing Leadership Role Focus (2 Credits)

The purpose of this course is to provide a structure to explore personal and professional issues related to the leadership/administrative role. Prerequisites: N6701, N6702, N6702B, N6703, N6704, N6704B, N6706, N6706B, N6707W, N6708 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 6706 Healthcare Financial Management (2 Credits)

This course is designed as an introduction to financial management including economics and accounting, for learners preparing for nursing leadership roles. The course examines the financial management environment of the health services industry and how this environment affects today's nurse leaders. Prerequisites: Permission of track coordinator Co-requisite: N6706B 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 6706B Nursing Leadership Practice 3 (1 Credit)

This course is the practice component of N6706. The learner will apply concepts of financial management in a healthcare environment (60 supervised practice hours). Prerequisites/Co-requisite: Permission of Track Coordinator Co-Requisite: N6706 1 Semester Credit (Contact hours per week: Clinical 4) Letter Graded Lab Fee: \$30

NURS 6707W Analyzing Issues in Quality Improvement (1 Credit)

The purpose of this course is to introduce concepts and philosophy of quality improvement in a healthcare setting at departmental and institutional levels. Prerequisites: N6701, N6702, N6702B 1 Semester Credit (Contact hours per week: Lecture 1) Letter Graded

NURS 6708W The Role of the Nurse Leader in Advancing the Health of Populations (2 Credits)

This course examines the political, economic, behavioral, ethical, and legal foundations that influence population health from both a current and historical perspective. Learners study current social, legislative, and technologic trends in health care as they relate to professional nursing. The learner is encouraged to develop the skills needed to assume a leadership role within the US Health care delivery system by incorporating concepts related to population health and health promotion. Prerequisites: None 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 6709 Project Management Foundations (2 Credits)

The purpose of this course is to introduce the nurse leader to the principles and tools of project management. The course explores project management tools and methods to help ensure effective project design, execution, and delivery of project outcomes aligned with organizational goals. Prerequisites: Permission of Track Coordinator or Admission to the Nurse Leadership track 2 Semester Credit (Contact hours per week: Lecture 1 Clinical 4) Letter Graded

NURS 6709W Project Management Foundations (2 Credits)

The purpose of this course is to introduce the nurse leader to the principles and tools of project management. The course explores project management tools and methods to help ensure effective project design, execution, and delivery of project outcomes aligned with organizational goals. Prerequisites: Permission of Track Coordinator or Admission to the Nurse Leadership track 2 Semester Credit (Contact hours per week: Lecture 1 Clinical 4) Letter Graded

NURS 6710 Nursing Leadership Role Preceptorship (4 Credits)

The purpose of this course is synthesis and application of leadership and administrative knowledge and principles in a practice setting. Learners, preceptors, and faculty collaborate to create learning experiences that foster growth and development in leadership and administrative roles (180 supervised practice hours). Prerequisites: N6701, N6702, N6702B, N6703, N6704, N6704B, N6706, N6706B, N6707W, 6708W, N6709W, N6711W 3 Semester Credits (Contact hours per week: Clinical 12) Letter Graded Course fee: \$251 Lab Fee: \$30

NURS 6711W Healthcare Policy, Law, and Ethics (2 Credits)

This course is designed as an introduction to healthcare policy, law, and ethics for learners preparing for nursing leadership roles. The course examines these topics within the healthcare environment and explores how these inform the role of today's nurse leader. Prerequisites: Permission of Track Director or Admission to the Nurse Leadership and Administration track 2 Semester Credits (Contact hours per week: Lecture 2) Letter Graded

NURS 6730 Advanced Clinical Practice: Education Role**Preceptorship (1-3 Credits)**

This course is designed for graduate nursing students in nursing preparing for faculty positions in programs of basic professional education, staff development, or consumer education. The course addresses curriculum and instructional design, principles of teacher-learner communication learner assessment, and evaluation. Emphasis is on development, implementation, and evaluation of nursing curriculum and instruction through a preceptorship. The course will foster intellectual inquiry, accountability, professionalism, cultural sensitivity, collegiality, critical thinking, and creativity in the student in pursuit of the educator role. Prerequisites: N6136W, N6137W, N6131W 3 Semester Credits (Contact hours per week: Clinical - 12) Letter Graded Course fee: \$352 Lab Fee: \$30

NURS 6741 Adult/Gerontology Primary Care Nurse Practitioner**Preceptorship (1-6 Credits)**

This course focuses on the synthesis of theory and research into advanced clinical practice. The emphasis is on holistic care in which physical, cultural, economic, and legal/ethical forces and resources of the individual/family/community are applied in case management. Letter Graded Prerequisites: Graduate & Advanced Practice Core; didactic and clinical sequence 1 - 6 Semester Variable Credits (Contact hours per week: Clinical 4-24) Pass/Fail Course fee: \$485 Lab Fee: \$30

NURS 6742 Adult/Gerontology Acute Care Nurse Practitioner**Preceptorship (1-6 Credits)**

This course focuses on the synthesis of theory and research into advanced clinical practice in the acute care setting. The emphasis is on holistic care in which physical, cultural, economic, and legal/ethical forces and resources of the individual/family/community are applied in case management. Prerequisites: Graduate & Advanced Practice Core; didactic and clinical sequence 1 - 6 Semester Variable Credits (Contact hours per week: Clinical 4-24) Letter Graded Course fee: \$485 Lab Fee: \$30

NURS 6750 Psychiatric/Mental Health Nurse Practitioner**Preceptorship (1-6 Credits)**

The psychiatric nurse practitioner preceptorship offers a major emphasis on the provision of advanced practice nursing care to clients with a spectrum of mental health problems across the lifespan. This practicum provides opportunities for the student to intervene therapeutically with individuals, groups, and families in acute care and community settings. Clinical experience with faculty and qualified preceptors will be structured to develop competence and proficiency in the role of the advanced practice psychiatric-mental health in biopsychosocial and pharmacological aspects of care. Prerequisite: Graduate and Advanced Practice Core; didactic and clinical sequence 1 - 6 Semester Variable Credits (Contact hours per week: Clinical 4-24) Letter Graded Course fee: \$485

NURS 6752 Advanced Clinical Practice: FNP Preceptorship (1-6 Credits)

This course focuses on the synthesis of theory and research into advanced clinical practice. The emphasis is on holistic care in which physical, cultural, economic, and legal/ethical forces and resources of the individual/family/ community are applied in case management of clients across the life span in primary care settings. Letter Graded Prerequisites: N6195W, N6195B 1 - 6 Semester Variable Credits (Contact hours per week: Clinical 4-24) Pass/Fail Course fee: \$618 Lab Fee: \$30

NURS 6801 Scholarly Foundations for Advanced Practice (3 Credits)

This foundational course focuses on analyzing Doctor of Nursing Practice (DNP) competencies, role, and scholarship as the foundation for scholarly practice at the DNP level. The foundations of science and scientific inquiry are explored including the epistemological and ontological bases for scientific methods, theory, and knowledge. Population health and systems thinking are investigated as approaches to meeting community and organizational health care needs. Sources of evidence, theory, and knowledge for practice are analyzed. Evidence based practice, leadership, innovation/change, interprofessional collaboration/teams, quality and safety, and informatics are introduced as fundamental components of DNP practice. Practice inquiry is investigated as a means of guiding science-based practice. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6802 Health Policy, Politics, and Ethics (3 Credits)

Examination of policy development and enactment, the political process that influences such, and the ethical underpinnings of policy and politics is the focus of this course. Emphasis is on practical applications of how to create policy and influence the political process in any setting. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6804W Advanced Pathophysiology for DNP (3 Credits)

This course focuses on the etiologic, symptomatic, and pathologic aspects of selected human diseases. Students explore normal and abnormal physiology underlying the body's function and apply fundamental principles of physics and chemistry to the understanding of the body's function and regulatory mechanisms across the life span. Students analyze mechanisms responsible for producing a healthy individual and learn to problem solve with a physiological perspective. The course enables students to apply principles of physiology and homeostasis to treat clinical problems. Prerequisites: Enrollment in the BSN to DNP program Co-requisites: None 3 Semester Credit Hours Letter Graded Course fee: \$358

NURS 6806W Research for Evidence-Based Practice for Advanced Nursing Practice (3 Credits)

The course focuses on the research process from problem formation to statistical analyses and interpretation. Students discuss research designs and methods to include quantitative, qualitative, epidemiological, and statistical perspectives. Students analyze clinical and epidemiological population- based studies and address concepts and methods used to assess the health of populations, evaluate health services and screening programs, and measure health outcomes. The course emphasizes implications for the evidence-based practice of nursing. Prerequisites: None Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6807 Evidence Based Practice Principles I (3 Credits)

This course provides the student with the opportunity to acquire knowledge and skill in the principles of evidence-based practice that will assist in moving clinical practice to an evidence-based foundation. The course provides the student with the essential principles, skills, and tools of evidence-based nursing practice. The steps of evidence-based practice are presented. Special emphasis is placed on formulating a question, searching and appraising the literature/evidence, and using the best evidence to direct quality care. The differentiation between evidence-based practice, quality improvement, and research utilization will be discussed. Principles for the advanced practitioner either in clinical practice or in administration on how to stimulate and create an environment for the integration of evidence-based practice in both organization and clinical practice will be included. Prerequisites: N6801, N6806W Co-requisites: None 1-3 Semester Credit Hours Letter Graded

NURS 6808 Translational Science (3 Credits)

The course is designed to critically examine the state of the science of translational science including concepts, models, and methods for translation and implementation of evidence and research into practice. Within the scope of an identified clinical problem and population of interest, the student will critically review the literature that addresses the problem, significance, population, practice setting, and expected outcomes as a basis to implement and disseminate a change in practice or care. Students examine current and future leadership and innovation roles of DNP for quality and safety standards in translation and implementation of evidence-based practice. Intra-and interprofessional collaboration to implement evidence-based change and evaluation are addressed. Prerequisites: Enrollment in the DNP program or permission of the lead course faculty, N6807, and N6820 and prospectus approved/ signed by the DNP Project Advisor Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6809W Advanced Practice Role in Population Health for DNP (3 Credits)

This course facilitates the development and transition of the Advanced Practice Registered Nurses (APRN), into the role within the U.S. health care system through analysis of ethical, professional, social and practice perspectives. Students blend clinical expertise with disease prevention and health management to understand a more comprehensive perspective to health care. Students explore role socialization, interprofessional collaboration, advancement of clinical and leadership abilities as an advanced practice nurse. The course examines integration of evidence-based practice and culturally sensitive approaches to address emerging clinical problems, improving patient outcomes. Students also evaluate of effective strategies for managing ethical dilemmas inherent in-patient care. Prerequisites: None Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6810B Advanced Physical Exam and Differential Diagnosis Lab for DNP (1 Credit)

This course addresses the practical application of history taking and physical health assessment throughout the life cycle. Students will develop advanced physical assessment, critical thinking and diagnostic skills through the collection of a health history, performance, of complete, and focused physical examinations, organization of data, identification of normal and abnormal findings, and presentation of these findings in a standardized format. The laboratory and simulation experiences provide an opportunity for the application and integration of health assessment skills desired for attaining high quality outcomes. Prerequisites: Enrollment in the BSN to DNP program Co-requisites: N6810W 1 Semester Credit Hour Letter Graded

NURS 6810W Advanced Physical Exam and Differential Diagnosis for DNP (2 Credits)

This foundational course addresses the theoretical principles of history taking and physical health assessment throughout the life cycle. Students will develop advanced physical assessment and critical thinking diagnostic skills through the organization of data, interpretation and analysis of objective and subjective findings, identification of normal and abnormal findings, and reporting of these findings in a standard format. Students synthesize history and physical exam data to develop a differential diagnosis list. Prerequisites: Enrollment in the BSN to DNP program Co-requisites: N6810B 2 Semester Credit Hours Letter Graded

NURS 6811W Diagnostic Tests and Procedures for DNP (2 Credits)

This course is designed for students preparing for the nurse practitioner clinical role and will incorporate basic skills necessary to meet clinical competencies in all advanced nursing populations and specialties recognized or supported by national regulating advanced practice nursing organizations. The content in this course will enhance the content of all clinical courses by focusing on diagnostic and clinical skill performance to enhance the proficiency of differential diagnosis. Prerequisites: N6804W, N6901W Co-requisites: N6810W, N6810B 2 Semester Credit Hours Letter Graded

NURS 6820 Data Analysis and Evaluation (3 Credits)

This course is focused on identifying key variables, planning, and implementing a data collection plan, data analysis, and evaluation for a quality improvement project. Application of statistical methods, interpretation of findings, reporting findings, and evaluation of the project are addressed. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6830 Clinical Scholarship Portfolio Advisement (1-3 Credits)

This course focuses on the preparation and approval of components of the Clinical Scholarship Portfolio (CSP). A major component of the CSP is the DNP Project. Each student will identify a clinical practice problem to develop into a PIP with the guidance and mentorship of their advisor. The student will continue to enroll in N6930 until all components of the CSP are completed and approved by the advisor. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-Requisites: None 1-3 Semester Credit Hour Pass/Fail

NURS 6840B DNP Preceptorship I for Nurse Practitioners and Clinical Nurse Specialists (2 Credits)

This course is the clinical practice component of N6842A and focuses on the direct care of patients within a population of interest. It is designed to increase the breadth and depth of the student's specialization role and practice in the management of patients with complex health problems across the continuum of care. Evidence-based, interprofessional practice is the foundation for all care rendered. The student is expected to develop high level clinical reasoning and decision-making competencies that includes integration of patient centered care, safety, quality, systems support, continuity of care, cost-effectiveness, appropriate use of consultants, and demonstration of optimal outcomes within a framework of innovative, evidence-based practice. Prerequisites: Completion of N6842A or concurrent enrollment in N6842A 2 Semester Credit Hours (Contact hours per course: Clinical 120) Letter Graded

NURS 6840C DNP Preceptorship I for Nurse Executives (2 Credits)

This course is designed to increase the breadth and depth of the student's specialization role and practice as a nursing leader. The student is expected to develop high level reasoning and decision-making competencies that advance the quality and cost effectiveness of care and outcomes for populations and communities through innovative evidence-based practices, and effective leadership skills and resource management. Letter Graded Prerequisites: Completion or current enrollment in N6850. Restricted to Nurse Executive DNP students. 2 semester credits (Contact hours per course: Clinical 120) Pass/Fail

NURS 6840I DNP Preceptorship I for Nurse Informatics (2 Credits)

This course is the first of a two-part preceptorship designed to introduce the student to the role and practice as a nurse informatics specialist. The student applies knowledge and skills related to innovative health information technology to support and improve patient care through participation in interprofessional teams. Letter Graded Prerequisites: Restricted to Nurse Informatics DNP students 2 semester credits (Contact hours per course (Clinical 120) Pass/Fail

NURS 6841B Precept Advanced Management of Complex Health Conditions II (2 Credits)

This course second clinical practice component and focuses on the direct care of patients within a population of interest. It is designed to further increase the breadth and depth of the student's specialization role and practice in the management of patients with complex health problems across the continuum of care. Evidence-based, interprofessional practice is the foundation for all care rendered. The student is expected to apply high level clinical reasoning and decision-making competencies in the delivery of safe, patient centered care utilizing advanced knowledge of informatics and systems theory. Prerequisites/Co-requisites: Completion of N6842A or concurrent enrollment in N6842A 2 semester credits (Contact hours per course (Clinical 120) Letter Graded

NURS 6841C DNP Preceptorship II For Nurse Executives (2 Credits)

This course is designed to increase the breadth and depth of the student's specialization role and practice as the business and financial leader of the nursing organization. The student is expected to develop high level reasoning and decision-making competencies that advance the quality and cost effectiveness of care and outcomes for populations and communities through innovative evidence-based practices and resource management. Prerequisites/Co-requisites: Restricted to DNP nurse executive students. 2 Semester credit hours (Contact hours per course: Clinical 120) Pass/Fail

NURS 6841I DNP Preceptorship II for Informatics (2 Credits)

This is the second preceptorship course designed to increase the scope and expertise of the student's specialization role and practice as a nurse informatics specialist. The student combines nursing science with multiple informatics and analytic sciences to utilize data, information, and knowledge to improve healthcare delivery. The student uses informatics principles to support nursing practice that improves the quality, safety, and efficiency of health care. The student has the opportunity to cultivate collaborative relationships through participation in interprofessional teams. Prerequisites: Restricted to Nurse Informatics DNP students 2 semester credits (Contact hours per course: Clinical 120) Pass/Fail

NURS 6842A Transitions and Innovations in Health Care Delivery (2 Credits)

This practice course addresses dynamic transitions and innovations in health care and health care delivery at a theoretical and conceptual level. Trends in health care that are driving change and influencing population outcomes are critically examined. Topics including care coordination, continuity and comprehensiveness of care, transitional care across the continuum, medical homes, and chronic illness models from a perspective of patient safety, collaborative interdisciplinary practice, and optimal outcomes. The leadership role of the doctor of nursing practice graduate in developing new models of practice and care in response to societal needs is addressed. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 4 Semester Credit Hours Letter Graded

NURS 6845 Practice Management (2 Credits)

The course provides an overview of the business of health care. Students explore regulations and financing to provide advanced practice nurse practitioners with the information to effectively manage the business of their practice in a constantly changing health care environment. The course addresses health care financing and reimbursement through Medicare/Medicaid, billing practices, and heightened compliance efforts around fraud and abuse. Students examine the implementation of the Affordable Care Act and its potential impact on advanced practice nurses in a variety of settings. Students identify and analyze sources of credible information and resources for practice management. Prerequisites: Enrollment in the DNP Program or permission of the instructor Co-requisites: None 2 Semester Credit Hours Letter Graded

NURS 6847 Organizations and Systems Leadership (3 Credits)

N6847 Organizations and Systems Leadership for Quality Improvement and Systems Thinking The course focuses on the dynamic and complex health care system and organizational imperatives to deliver quality health care through clinical initiatives based on industry standards, key outcome indicators, and cost-quality imperatives. This course will provide a framework for students to understand and apply relevant theories of organizational change, systems leadership, organizational culture, healthcare finance, communications, systems thinking, and models for personal leadership. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6850 Executive Leadership, Human Resources, Delivery Systems, and Terms (2 Credits)

This course will prepare the learner to function in a nursing leadership role and an executive position in a healthcare organization through the exploration and analysis of effective leadership and personal leadership styles. The learner will be prepared to optimize the use of human capital within the nursing organization. Additionally, the learner will be prepared to be a contributing member of the executive team in organizational decisions related to human resource management. Prerequisite N6847 or permission of the instructor 2 semester Credits (Contact hours per course: Lecture 30) Letter Graded

NURS 6851 The Business of Health Care (2-3 Credits)

This course prepares the learner to function as the business and strategic leader in healthcare settings. In addition, the learner will be prepared to be a contributing member of the executive team in business, financial, organizational change, and strategic planning for the organization Prerequisites: Enrollment in the DNP Program or permission of the instructor Co-requisites: None 2-3 Semester Credit Hours (variable) Letter Graded

NURS 6852 Organizational Performance Standards, Quality & Safety (2 Credits)

This course will prepare the learner to function as an organizational leader in: critiquing research and healthcare trends to support implementation of innovative practices and enhance system outcomes; analyzing external and internal measures of quality, safety, and customer satisfaction; and developing operational approaches to maximize organizational effectiveness. Additionally, the learner will be prepared to function as a contributing colleague within the executive team to ensure system effectiveness and financial viability. Prerequisite: Enrollment in the DNP program or permission of the instructor 2 semester credits (Contact hours per course: Lecture - 30) Letter Graded

NURS 6853 Nurse Informatics Practicum (1-3 Credits)

This course is a clinical practice component for DNP students enrolled in the nurse informatics option who have not completed 500 hours of supervised practice at the graduate level prior to entering the DNP program. The purpose of this course is the application of nursing informatics principles and techniques to evaluate and improve health information and other care technologies, to apply nursing and health informatics concepts in healthcare settings along the continuum of care, to identify and analyze quality improvement and patient safety in a practice setting through project management, development, and implementation, and to examine health data using analytic tools and techniques. The course is designed to increase the breadth and depth of the student's specialization role and practice as a nurse informatician. Prerequisites: Admission to the DNP Nurse Informatics option. 1 to 4 Variable Semester Credits (Contact hours per week: Clinical 4-16) Pass/Fail

NURS 6854 Writing for Publication (1 Credit)

This course focuses on developing competence in disseminating knowledge, expertise, and findings from quality improvement, evidence-based practice and research through scholarly writing and publications. The course provides an overview of the concepts of scholarly and professional writing as well as the processes involved in developing professional publications including selection of a topic and target audience, preparation and submission of a manuscript, the peer review process, the revision process, and mentorship in writing. Prerequisites: Enrollment in the DNP program or permission of the instructor Co-requisites: None 1 Semester Credit Hour Pass/Fail

NURS 6855 Independent Study in Nursing (1 Credit)

Independent Study in Nursing Pass/Fail

NURS 6858 Information Systems/Technology for the Improvement of Health Care (3 Credits)

This course is designed to develop competencies in the use of health care information systems/technology to support and improve patient care and healthcare systems and to provide leadership within healthcare systems and/or academic settings. Knowledge and skills related to information systems/technology and patient care technology prepare the student to apply new knowledge, manage individual and aggregate level information, use information systems/technology resources, as well as assess the efficacy of patient care technology appropriate to a specialized area of practice. Prerequisites: Enrollment in DNP program 3 semester credits (Contact hours per course: Lecture 45) Letter Graded

NURS 6858W Information Systems/Technology for the Improvement of Health Care (3 Credits)

This course is designed to develop competencies in the use of health care information systems/technology to support and improve patient care and healthcare systems and to provide leadership within healthcare systems and/or academic settings. Knowledge and skills related to information systems/technology and patient care technology prepare the student to apply new knowledge, manage individual and aggregate level information, use information systems/technology resources, as well as assess the efficacy of patient care technology appropriate to a specialized area of practice. Prerequisites: Enrollment in the DNP Program Co-requisites: None 3 Semester Credit Hours Letter Graded

NURS 6859 Nurse Executive Practicum (1-3 Credits)

This course is a clinical practice component for DNP students enrolled in the nurse executive tract who have not completed 500 hours of supervised practice at the graduate level prior to entering the DNP program. The purpose of this course is application of organizational development principles, techniques to evaluate and improve complex health systems, application of financial management concepts in the healthcare setting, quality improvement and patient safety in a practice setting through project development and implementation. It is designed to increase the breadth and depth of the student's specialization role and practice as a nurse executive. Prerequisites: Admission to the DNP Nurse Executive option 1 to 3 variable credits. (Contact hours per course: Clinical 60-180) Pass/Fail

NURS 6860 Fellowship and Seminar I (5 Credits)

This is the first of the two-semester DNP Advanced Seminar courses in which the DNP student demonstrates breadth, depth, and synthesis of knowledge and competencies related to the DNP Essentials including the consultation role. Socialization and professional opportunities for DNP graduates are discussed. The national agenda for health care in the context of health care reform, trends, and future contributions to health care and implications for nursing and health professions are analyzed. Prerequisites: Enrollment in the post-master's DNP program and completion of all first- and second-year course work 2 semester credits (Contact hours per course: Seminar 60) Letter Graded

NURS 6860B DNP Fellowship I (2 Credits)

This is the first course of a two-semester fellowship experience focused on leadership development and indirect practice to increase competency in DNP Essentials. The fellowship expands the student's leadership abilities through a planned and focused experience with an expert mentor. Students develop an individualized experience based on objectives designed to enhance competency in selected DNP Essentials. Letter Graded Prerequisites/Co-requisites: Completion of N6860A or concurrent enrollment in N6860A or permission of the instructor. 3 semester credits (Contact hours per course: Clinical 120) Pass/Fail Course fee: \$218

NURS 6861W Advanced Cardiovascular Care I (3 Credits)

This course is focused on ambulatory and consultative care exclusive to cardiovascular (CV) disease management, risk stratification, and prevention as guided by existing national CV practice guidelines and evidence-based practice. Emphasis is on prevention of CV disease, health maintenance, health promotion and management of acute and chronic CV related conditions. The course addresses the approaches to evaluation in acute and chronic CV patients as well as the treatment of patients in the ambulatory setting in contrast or in transition to the care provided in the hospitalized patient. The student will gain leadership knowledge and strategies in consultative service care delivery with a focus on the mechanisms of referral and communication, CV assessment, and prioritization of a patient-centered treatment plan within a multidisciplinary team. The synthesis and application of the process of health promotion, public health, and epidemiological principles within a diverse social, cultural, and geographic patient population will be included. Prerequisites: None Co-Requisites: N6862B 3 Semester Credit Hours Letter Graded

NURS 6862B Advanced Cardiovascular Care Clinical I (3 Credits)

This course will focus on the synthesis and application of content in Advanced Cardiovascular Care I. Students will concentrate on development and implementation of a systematic methodology of identifying acute and chronic cardiovascular conditions and the patients' needs for health care in the ambulatory setting. Consideration is given to the context of care delivery as seen through the lens of a diverse social, cultural, and geographic patient population. Prerequisites: None Co-requisites: N6862B Semester Credit Hours 3 (180 clinical contact hours) Letter Graded

NURS 6863W Advanced Cardiovascular Care II (2 Credits)

This course will address the depth of cardiovascular (CV) diagnostic and treatment modalities, advanced therapies, available technologies, and surgical options. These modalities will be examined in the context of acute and chronic CV disease states providing the tools for effective analytical judgement, decision making, and communication. Palliative care, ethical decision making, end of life measures, and quality of life issues will be presented as pertained to patients in acute care settings. Prerequisites: N6861W, N6862B Co-requisites: N6864B 2 Semester Credit Hours Letter Graded

NURS 6864B Advanced Cardiovascular Care Clinical II (3 Credits)

This course focuses on the synthesis and application of content from Advanced Cardiovascular Care II. Students will gain clinical experience in managing advanced therapies and high-technology treatment modalities as applied to patients in and across various settings. Direct assessment of quality of life and frailty for the purposes of shared decision making will be utilized to provide an evidence-based assessment, set care goals, and guide management of a patient's condition. Consideration will be given to the context of care delivery as seen through the lens of a diverse social, cultural, and geographic patient population. Prerequisites: N6861W, N6862B Co-requisites: N6863W 3 Semester Credit Hours (180 clinical contact hours) Letter Graded

NURS 6870A DNP Advanced Seminar II (2 Credits)

This is the second course of the two-semester fellowship seminar in which the DNP student demonstrates breadth, depth, and synthesis of knowledge and skills related to DNP Essentials and practice. The course addresses the DNP socialization process, opportunities for DNP graduates, and the role of mentorship in professional development. Students examine their role in health care from a national and global perspective and address social justice, professional responsibility, disparity/equity, and national/global health issues that affect health care delivery. Prerequisites: Enrollment in the post-master's DNP program and completion of all first- and second-year course work. 2 semester credits (Contact hours per course: Seminar 60) Letter Graded

NURS 6870B DNP Fellowship II (2 Credits)

This is the second course of a two-semester fellowship experience focused on leadership and indirect practice to expand competency in DNP Essentials. The course provides planned and focused experiences working with an expert mentor. Students develop individualized objectives designed to expand leadership competencies and implement DNP Essentials in health care delivery systems. Letter Graded
Prerequisites/Co-requisite: Completion of N6870A or concurrent enrollment in N6870B or permission of the instructor. 2 semester credits (Contact hours per course: Clinical 120) Pass/Fail Course fee: \$218

NURS 6901W Advanced Pharmacology for DNP (3 Credits)

This is an advanced pharmacology course that follows the "Core Content in Pharmacology for Primary Care" recommended by the Texas Primary Care Educators as well as "Curriculum Guidelines" developed by a committee commissioned by the Division of Nursing of the Health Resources and Services Administration. This committee included the Project Directors of the National Organization of Nurse Practitioner Faculties and the National Council of State Boards of Nursing. This course focuses on the analysis of advanced pharmacological and pharmacokinetic principles and the application of these principles to selected drug categories. Emphasis is on those drugs most commonly used in obstetric/gynecological, pediatric, adult, and geriatric nursing practice. Analysis of selected health problems is integrated with the development of scientifically based clinical pharmacological management of these problems. Students are expected to utilize evidence and research-based strategies to demonstrate their pharmacological and clinical knowledge safely and competently to common patient populations and clinical scenarios. Prerequisites: Enrollment in the BSN to DNP program Co-requisites: None 3 Semester Credit Hours Letter Graded Course fee: \$358

NURS 6904B Adult/Gero Primary Care NP I Clinical DNP (4 Credits)

The focus of the course is on assessment, diagnosis, and management of health conditions in adults across the lifespan. The course provides the student with the foundation to apply principles of health promotion and disease management. Students utilize methodologies that develop critical thinking and the application of advanced practice skills in holistic patient management. Course activities promote the synthesis of theory, research, and leadership into advanced clinical practice. The clinical experience provides an opportunity for independent and interprofessional experiences in clinical decision making in diverse clinical settings. Prerequisites: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Co-requisites: N6904W 4 Semester Credit Hours (240 clinical contact hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6904W Adult/Gerontology Primary Care Nurse Practitioner Clinical I for DNP (3 Credits)

This course designed to prepare students for advanced practice. The course uses a systems approach to common health deviations with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students identify and interpret principles of health promotion, risk reduction, disease prevention and interprofessional/collaborative approaches to managing care for adult patients from adolescence through the lifespan. Prerequisite: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Corequisites: N6904B 3 Semester Credit Hours Letter Graded

NURS 6905B Adult/Gerontology Primary Care Nurse Practitioner Clinical II for DNP (3-4 Credits)

The focus of the course is on assessment, diagnosis, and management of health conditions in adults across the lifespan with more complex presentations. The course provides the student with the foundation to apply principles of health promotion and disease management. Students utilize methodologies that facilitate critical thinking and application of advanced practice skills in holistic patient management. Course activities promote the synthesis of theory and research into advanced clinical practice at a doctoral level. The clinical experience provides an opportunity for independent and interprofessional experiences in clinical decision making in clinical settings with diverse populations. Letter Graded Corequisite N6905W Prerequisites 6904W and 6904B 3-4 Semester Credit Hours (180-240 clinical contact hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6906B Adult/Gerontology Primary Care Nurse Practitioner Clinical III for DNP (3-4 Credits)

This course focuses on the integration of theory and application of evidence into advanced clinical practice. The emphasis is on holistic care in which physical, cultural, economic, and legal/ethical forces and resources of the individual/family/community are applied in case management. This clinical experience provides an opportunity for full immersion in the clinical practice setting and prepare for the nurse practitioner role at a doctoral level. Letter Graded Prerequisites: N6905W, N6905B Co-requisite: 6906W 3-4 Semester Credit Hours (180-240 clinical contact hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6906W Adult/Gerontology Primary Care Nurse Practitioner Specialty Care III for DNP (2 Credits)

This course provides students an opportunity to synthesize and critique evidence from multiple evidence-based sources and critically apply this information to acute and chronic health conditions in adults in young, middle and older adults. The student will demonstrate leadership ability to effectively use current evidence to educate and interact with peers at the doctoral level. Prerequisites: N6905W, N6905B Co-requisite: 6906B 2 Semester Credit Hours Letter Graded

NURS 6907B Adult/Gerontology Primary Care Nurse Preceptorship for DNP (6 Credits)

This course provides Adult Gerontology Nurse Practitioner students the opportunity to synthesize their didactic and clinical skills in the primary care setting treating adolescent, adult, and geriatric clients. Students will use current evidence to competently assess the complex patient, select appropriate diagnostics tests, interpret diagnostic findings, generate a comprehensive plan of care, evaluate patient outcomes and adjust the treatment plan as needed. Students will demonstrate competence in ensuring continuity of care. This preceptorship experience will provide opportunities for students to collaborate with the interprofessional team and gain leadership skills at the doctoral level. Students will explore the impact of healthcare policies on patient outcomes. Letter Graded Prerequisite: N6906W and N6906B 6 Semester Credit Hours (360 clinical contact hours) Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 6908B Family Nurse Practitioner I Clinical for DNP (4 Credits)

This is the first of a two-course clinical sequence to prepare Family Nurse Practitioners for practice in a primary care setting. The course focuses on a systems approach to health concerns seen in the primary care setting with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students incorporate current evidence-based research findings to develop treatment plans that include concepts of health promotion, risk reduction, and disease prevention to individuals and families across the lifespan. Clinical experiences enable students to develop clinical reasoning skills required as an advanced practice nurse for individual clients and their families. Prerequisites: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Co-requisites: N6908W 1 Semester Credit Hours (240 clinical contact hours) Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 6908W Family Nurse Practitioner Care I for DNP (3 Credits)

This is the first of a three-course sequence to prepare Family Nurse Practitioner students for primary care practice. The course uses a systems approach to acute health deviations with emphasis on assessment, differential diagnosis, symptom management, and disease treatment. Students examine the social determinants of health and health disparities present in the community of interest integrating and overlapping social structures and economic systems that are responsible for most health inequities. Students learn to apply the principles of health promotion, risk reduction, and disease prevention through interdisciplinary and collaborative approaches to provide care to families across the lifespan. Prerequisites: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Co-requisites: N6908B 3 Semester Credit Hours Letter Graded

NURS 6909B Family Nurse Practitioner Clinical II for DNP (4 Credits)

Family Nurse Practitioner Clinical II for DNP Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 6909W Family Nurse Practitioner II for DNP (3 Credits)

This is the second of a three-course sequence that prepares the Family Nurse Practitioner student for the management of acute and chronic health problems encountered in the primary care of patients across the lifespan. Students' focus on the domains and competencies of the family nurse practitioner as direct provider of primary health care. The course provides a systematic approach to the assessment, diagnosis, and management of common acute and chronic illnesses. Students synthesize information from DNP core courses into a plan of care and explore factors that impact health status and utilization of community resources. Prerequisites: N6908W, N6908B Co-requisites: N6909B 3 Semester Credit Hours Letter Graded

NURS 6910B Family Nurse Preceptorship Clinical III for DNP (3-4 Credits)

Family Nurse Preceptorship Clinical III for DNP Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 6910W Family Nurse Preceptorship Specialty Care III for DNP (3 Credits)

This seminar course is the third of a three-course sequence that prepares students to transition into the advanced practice role. It provides students the opportunity to synthesize up-to-date, evidence-based information and resources directed toward care of patients with complex co-morbidities and clinically deteriorating conditions. Students analyze domains and competencies of the nurse practitioner as direct provider across care settings. Prerequisites: N6909W, N6909B Co-requisites: N6910B 2-3 Semester Credit Hours Letter Graded

NURS 6911B Family Nurse Practitioner Preceptorship for DNP (6 Credits)

This is the final course in clinical sequence that provides clinical experiences for the Family Nurse Practitioner student. The course focuses on systematic approach to clinical reasoning skills needed to treat individual clients and their families in primary care. The course emphasized development of global view of healthcare system and its impact on individual health status. Clinical experiences enable students to develop skills necessary for FNP practice at a doctoral level. Synthesis of theory and research with emphasis on holistic care of the individual/family/community is applied in case management of clients across the life span in primary care settings. Healthcare policy and its effect on clinical practice are appraised for best clinical practice and patient outcomes. Prerequisites: N6910W, N6910B Co-requisites: None 6 Semester Credit Hours (360 clinical contact hours) Pass/Fail Course fee: \$605

NURS 6912B Psychiatric Mental Health Nurse Practitioner Clinical I for DNP (4 Credits)

The major focus of this practicum is the further development of the Psychiatric Mental Health Nurse Practitioner student in the realm of pharmacological management, non-pharmacological management, and clinical reasoning across the lifespan. The student is expected to develop high level clinical reasoning and decision-making competencies that includes integration of patient centered care, safety, quality, systems support continuity of care, cost effectiveness, appropriate use of consultants, and demonstration of optimal outcomes within a framework of innovative, evidence-based practice. Students will explore the PMHNP scope of practice through exposure to multiple roles. Students develop their skills in communication from a variety of theories and refine their skills in the assessment, diagnosis, pharmacological treatment of various psychiatric illnesses in a variety of settings. Prerequisites: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Corequisites: N6912W 4 Semester Credit Hours Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6912W Psychiatric Mental Health Nurse Practitioner I for DNP (3 Credits)

This course provides the didactic content for assessing, diagnosing, and intervening in maladaptive coping patterns and psychiatric disorders of individuals across the lifespan. The DSM5 (Diagnostic Statistical Manual of Mental Disorders) will be used as the basis for diagnostic nomenclature across the lifespan. Evidence-based, interprofessional practice is the foundation for all care rendered. Emphasis will be placed on the assessment, diagnosis and evidence-based treatment of mental health disorders. Case simulation focuses on the initial psychiatric interview, formulation of differential diagnosis, and initial treatment plans. Prerequisites: N6810W and N6810B or N7307; N6804W; N6901W; N6811W or N7306 Corequisites: 6912B Letter Graded

NURS 6913B Psychiatric Mental Health Nurse Practitioner Clinical II for DNP (3-4 Credits)

The focus of this practicum is the further development of the Psychiatric Mental Health Nurse Practitioner student in the realm of psychopharmacotherapeutics and non-pharmacological techniques with clients across the lifespan. The student is expected to develop high level clinical reasoning and decision-making competencies that includes integration of patient centered care, safety, quality, systems support, continuity of care, cost effectiveness, appropriate use of consultants, and demonstration of optimal outcomes within a framework of innovative, evidence-based practice. The student gains skill in implementing evidence-based practice interventions, case load management, and analyzing process dynamics with individuals, families, and groups so that patterns in self and others are identified accurately and with regularity. Students explore the PMHNP scope of practice through exposure to multiple roles and models and refine diagnostics skills, pharmacological management, non-pharmacological management, and clinical reasoning skills. Prerequisites: N6912W and N6912B Corequisites: N6913W 3-4 Semester Credit Hours (180-240 clinical contact hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6913W Psychiatric Mental Health Nurse Practitioner II for DNP (3 Credits)

This course introduces a variety of conceptual models and theories related to the practice of individual psychotherapy and family therapy. Models of family dynamics provide a theoretical basis for understanding the development psychopathology and selection of appropriate therapeutic strategies. Theoretical underpinnings of communication processes used in the comprehensive care of the complex psychiatric patient in various settings is explored. Evaluation and utilization of current research findings regarding mental illness and management to provide evidence-based treatment for psychiatric patients is emphasized. Prerequisites: N6912W and N6912B Corequisites: N6913B 3 Semester Credit Hours Letter Graded

NURS 6914B Psychiatric Mental Health Nurse Practitioner Specialty Care III for DNP (4 Credits)

The major focus of this specialty rotation is the further development of the Psychiatric Mental Health Nurse Practitioner student in the realm of psychopharmacotherapeutics and non-pharmacological techniques with clients across the lifespan. The student is expected to develop high level clinical reasoning and decision-making competencies that includes integration of patient centered care, safety, quality, systems support, continuity of care, cost effectiveness, appropriate use of consultants, and demonstration of optimal outcomes within a framework of innovative, evidence-based practice. The student gains skill in implementing evidence-based practice interventions, case load management, and analyzing process dynamics with individuals, families, and groups so that patterns in self and others are identified accurately and with regularity. Students will explore the PMHNP scope of practice through exposure to multiple roles and models. They will continue to refine diagnostic skills, pharmacological management, non-pharmacological management, and clinical reasoning. Prerequisites: N6913W and N6913B Corequisites: N6914W Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6914W Psychiatric Mental Health Nurse Practitioner Specialty Care III for DNP (2 Credits)

This seminar course is the third of a three-course didactic sequence to prepare students to transition into the nurse practitioner role, and designed to provide the student with up-to-date, evidence-base information and resources directed toward care of patients with complex co-morbidities and clinically deteriorating conditions. The focus is on the domains and competencies of the nurse practitioner as direct provider across care settings. The business of health care will be examined as related to advanced practice nursing. This course is framed using an inter-professional model of care. Prerequisites: N6913W and N6913B Corequisites: N6914B 2 Semester Credit Hours Letter Graded

NURS 6915B Psychiatric Mental Health Nurse Practitioner Preceptorship for DNP (6 Credits)

This is final course in clinical sequence that provides clinical experiences for the Psych/Mental Health Nurse Practitioner student. The course focuses on systematic approach to clinical reasoning skills needed to treat individual clients and their families in primary care. The course emphasized development of global view of healthcare system and its impact on the individual health status. Synthesis of theory and research with emphasis on holistic care of the individual/family/community is applied in case management of client across the life span in primary care settings. Healthcare policy and its effect on clinical practice are appraised for the best clinical practice and patient outcomes. Prerequisites: N6914 Corequisites: none 6 Semester Credit Hours Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 6916B Adult/Gerontology Acute Care Nurse Practitioner Clinical I for DNP (4 Credits)

This course is designed to provide clinical experience in the development of assessment, diagnosis, and disease management in adult-gerontology populations across acute care settings. Students utilize methodologies that develop critical thinking and the application of advanced practice skills in holistic patient management. Course activities promote the synthesis of pathophysiologic and psychosocial concepts, nursing theory, research, and leadership into advanced clinical practice. The clinical experience provides an opportunity for independent and interprofessional experiences in medical decision making in diverse acute care settings. Prerequisites: N6810W and N6810B, or N7307; N6804W; N6901W; N6811W or N7306 Co-requisites: N6916W 4 Semester Credit Hours (240 Clinical Contact Hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6916W Adult-Gerontology Acute Care Nurse Practitioner I for DNP (3 Credits)

First of three courses exploring management of complex acute, critical, and chronically ill patients with urgent and emergent conditions. The course uses a systems approach to acute health deviations with emphasis on alterations in pathophysiology, assessment, differential diagnosis, symptom management, and collaborative management of adults and older adults with selected episodic/chronic health problems in acute/critical care. Prerequisites: N6810W and N6810B, or N7307; N6804W; N6901W; N6811W or N7306 Co-requisites: N6916B 3 Semester Credit Hours (Contact Hours Per Week: Lecture 3) Letter Graded

NURS 6917B Adult/Gerontology Acute Care Nurse Practitioner Clinical II for DNP (3-4 Credits)

This is the second of a three-course clinical sequence which provides clinical experiences for the Adult-Gerontology Acute Care Nurse Practitioner student. Focus is on the refinement of clinical reasoning skills needed to treat individuals with acute/chronic health care deviations. There is emphasis on the development of collaborative relationships with other health care providers for best healthcare outcomes. Students explore health deviations of acute and chronic disorders and community resources to manage health concerns based on evidence-based research. Course experiences enable students to progress toward increasing independence in clinical practice. Prerequisites: N6916W, N6916B Co-requisites: N6917W 3-4 Semester Credit Hours (180-240 Clinical Contact Hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6917W Adult/Gerontology Acute Care Nurse Practitioner II for DNP (3 Credits)

The second of three courses that will prepare the Adult-Gerontology Acute Care Nurse Practitioner for the management of complex acute, critical, and chronically ill patients with urgent and emergent conditions. The course uses a systems approach to acute health deviations with an emphasis on critical thinking and an evidence-based approach to management of adults and older adults with selected episodic/chronic health problems in acute/critical care. Prerequisites: N6916W, N6916B Co-requisites: N6917B 3 Semester Credit Hours (Contact Hours Per Week: Lecture 3) Letter Graded

NURS 6918B Adult/Gerontology Acute Care Nurse Practitioner Clinical III for DNP (4 Credits)

This course focuses on the integration of theory and application of evidence into advanced clinical practice. The emphasis is on holistic care in which physical, cultural, economic, and legal/ethical forces and resources of the individual/family/community are applied in case management. This clinical experience provides an opportunity for full immersion in the clinical practice setting and prepare for the nurse practitioner role at a doctoral level. Prerequisites: N6917W, N6917B Co-requisites: N6918W 4 Semester Credit Hours (240 Clinical Contact Hours) Pass/Fail Course fee: \$338 Lab Fee: \$30

NURS 6918W Adult/Gerontology Acute Care Nurse Practitioner III for DNP (2 Credits)

This seminar course is the third of a three-course didactic sequence to prepare students to transition into the nurse practitioner role, and is designed to provide the student with up-to-date, evidence-based information and resources directed toward care of patients with complex co-morbidities and clinically deteriorating conditions. The focus is on the domains and competencies of the nurse practitioner as direct provider across care settings. The business of health care will be examined as related to advanced practice nursing. This course is framed using an inter-professional model of care. Prerequisites: N6917W, N6917B Co-requisites: N6918B 2 Semester Credit Hours (Contact Hours Per Week: Lecture 2) Letter Graded

NURS 6919B Adult/Gerontology Acute Care Nurse Practitioner Preceptorship for DNP (6 Credits)

This course provides Adult Gerontology Acute Care Nurse Practitioner students the opportunity to synthesize didactic and clinical skills in acute care settings treating adolescent, adult, and geriatric patients. Students will use current evidence to competently assess complex patients, select appropriate diagnostics tests, interpret diagnostic findings, generate a comprehensive plan of care, evaluate patient outcomes and adjust treatment plans as needed. Students will demonstrate competence in ensuring continuity of care. This preceptorship experience will provide opportunities for students to collaborate with the interprofessional team and gain leadership skills at the doctoral level. Students will explore the impact of healthcare policies on patient outcomes. Prerequisites: N6918W, N6918B Co-requisites: None 6 Semester Credit Hours (360 Clinical Contact Hours) Pass/Fail Course fee: \$471 Lab Fee: \$30

NURS 7301 Translational Science I: Evidence-Based Practice Foundations (6 Credits)

This is the first in a series of translational science courses that provides a progressive sequence of learning to develop advanced practice scholars. This course explores the philosophical underpinnings for nursing knowledge relevant to advanced nursing practice. Emphasis is on foundational and advanced concepts of evidence-based practice (EBP) and requires application of principles of EBP. Prerequisites: Enrollment in the DNP program Co-requisites: None 6 Semester Hours Letter Graded

NURS 7302 Translational Science II: Methodology (6 Credits)

This is the second in a series of translational science courses that provides a progressive sequence of learning to develop advanced practice scholars. This course is designed to critically examine the state of the science of translational science including concepts, models, and methods of translation and implementation of evidence into practice within the dynamic and complex health care system. Within the scope of an identified problem and population of interest, the student will develop a quality improvement plan that addresses the problem, significance, practice setting, and expected outcomes as a basis to implement a practice change. Prerequisites: N7301 Co-requisites: None 6 Semester Hours including 60 Practice Hours Letter Graded

NURS 7303 Translational Science III: Implementation (3 Credits)

This is the third course in a series of translational science courses that provides a progressive sequence of learning to develop advanced practice scholars. This course is designed to help the student develop and integrate key concepts, innovation models, and methods of communication facilitating effective leadership in implementation of evidence, and project implementation facilitating improved quality and safety into practice. Prerequisites: N7301, N7302 Co-requisites: None 3 Semester Hours including 60 Practice Hours Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7304 Translational Science IV: Knowledge Translation (4 Credits)

This is the fourth course in a series of translational science courses that provides a progressive learning sequence to develop advanced practice scholars. This course provides pragmatic, evidence-informed explanations and recommendations for knowledge dissemination and translation of evidence into a complex and rapidly changing health care system. Prerequisites: N7301, N7302, N7303 Co-requisites: None 4 Semester Hours Letter Graded

NURS 7305 Professional APRN Practice (3 Credits)

This course prepares the student for practice within interprofessional health care teams as an advanced practice registered nurse (APRN). The course focuses on leadership in the management of health care systems in diverse settings including in-patient facilities, out-patient clinics, and community health settings. Both the theory and the operationalization of team building and leadership will be explored in light of the historical development, influence, and future impact of advanced practice nursing on health and health care. Prerequisites: Enrollment in the DNP program Co-requisites: None 3 Semester Hours Letter Graded

NURS 7306 Clinical Reasoning and Diagnostic Skills (4 Credits)

This course is designed for students preparing for the nurse practitioner clinical role and will incorporate knowledge, skills, and abilities in clinical reasoning necessary to develop and demonstrate clinical competencies necessary for formation of differential diagnoses, diagnostic assessment, and procedure performance. The course introduces students to current concepts in clinical reasoning, diagnostic error, and provides an opportunity to practice clinical-problem solving in a learner-centered environment. Prerequisites: N6804W, N6901W Co-requisites: None 4 Semester Hours Letter Graded Lab Fee: \$30

NURS 7307 Advanced Health Assessment & Differential Diagnosis (3 Credits)

This foundational course addresses both the theoretical principles and the practical application of history taking and physical health assessment throughout the life cycle. Students will develop advanced physical assessment and critical thinking diagnostic skills through the organization and collection of data, interpretation and analysis of objective and subjective findings, identification of normal and abnormal findings, and reporting of these findings in a standard format. Students synthesize history and physical exam data to develop a differential diagnosis list. The laboratory and simulation experiences provide an opportunity for the application and integration of health assessment skills desired for attaining high quality outcomes. Prerequisites: N6804W, N6901W Co-requisites: None Credit Hours: 3 Semester Hours (2 SCH Lecture & 1 CH Lab) Letter Graded Course fee: \$146 Lab Fee: \$30

NURS 7444B Advanced Practice Registered Nursing Immersion (2-3 Credits)

This is the first of two courses designed to provide students with the opportunity to achieve competence in a health care system/organization practice setting. Students, in collaboration with an approved preceptor, develop individualized objectives based on current American Association of Colleges of Nursing (AACN) Essentials. Students implement and evaluate a specific practice experience that strengthens and expands their current expertise. Prerequisites: N7301, N7302, N7303, N7304 Co-requisites: None 2 or 3 Semester Hours including 120 or 180 Practice Hours Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7445B DNP Immersion (2-3 Credits)

This is the second of two courses designed to provide students with the opportunity to achieve additional competencies within a health care system/organization practice setting. Students, in collaboration with an approved preceptor, develop individualized objectives based on current American Association of Colleges of Nursing (AACN) Essentials. Prerequisites: N7444B or N7448B Co-requisites: None 2 or 3 Semester Hours including 120 or 180 Practice Hours Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7446B Nurse Informatics Immersion I (2 Credits)

This is the first of two courses designed to provide the nursing informatics student with an opportunity to achieve advanced competencies and expertise in nursing informatics practice across care settings. In partnership with an approved preceptor, the student will develop individualized learning objectives based on the current American Association of Colleges of Nursing (AACN) Essentials, ANA Scope and Standards of Practice: Nursing Informatics, and American Medical Informatics Association (AMIA), and Health Information Management Systems Society (HIMSS) Core Competencies. The student will complete a specific informatics project to achieve enhanced and expanded current informatics expertise. Prerequisites: N7301, N7302, N7303, N7304, N7537 Co-requisites: None 2 Semester Hours including 120 practice hours Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7447B Nurse Informatics Immersion II (2 Credits)

This is the second of two courses designed to provide the student with an opportunity to achieve advanced informatics competencies and data analytic skills in a practice setting. In partnership with an approved preceptor, the student will develop individualized learning objectives based on the current American Association of Colleges of Nursing (AACN) Essentials, ANA Scope and Standards of Practice: Nursing Informatics, American Medical Informatics Association (AMIA), and Health Information Management Systems Society (HIMSS) Core Competencies. The student will complete a specific informatics project to achieve enhanced and expanded current informatics expertise. Prerequisites: N7446B Co-requisites: None 2 Semester Hours including 120 practice hours Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7448B Nurse Executive Immersion I (2 Credits)

This is the first of two courses designed to provide students with the opportunity to achieve competence in executive leadership practice in a health care system/organization practice setting. This experience, accomplished under the guidance of an approved preceptor, is based on individualized objectives. Students implement and evaluate a specific practice experience that strengthens and expands their current expertise. Prerequisites: N7301, N7302, N7303, N7304 Co-requisites: None 2 Semester Hours (120 practice hours) Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7449B Nurse Executive Immersion II (2 Credits)

This is the second of two courses designed to provide students with an opportunity to achieve competence in the practice setting. The experience, focused on the financial and economic aspects of health care, is accomplished under the guidance of an approved preceptor. The student will develop, implement, and evaluate a specific practical experience that strengthens and expands current expertise. Prerequisites: N7448B Co-requisites: None 2 Semester Hours (120 practice hours) Letter Graded Course fee: \$258 Lab Fee: \$30

NURS 7450 Role Transition (3 Credits)

Role Transition Letter Graded

NURS 7501 Conceptual Basis of Scientific Inquiry (3 Credits)

The student will identify a key concept for his/her program of research. This concept will serve as the focal point for the development of a conceptual framework that will guide the student's research, practice and contributions to the profession. Approaches to concept development, theory development, and critiquing the scientific literature are introduced and evaluated. Prerequisite: PhD Standing 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded

NURS 7501D Conceptual Basis of Scientific Inquiry (3 Credits)

Conceptual Basis of Scientific Inquiry Letter Graded

NURS 7505 Adv Stat for Clinical Research I (4 Credits)

This course is the first part of a two-semester series on statistical methods for clinical research. This first course focuses on knowledge and application of univariate statistics and multivariable modeling using methods such as analysis of variance, generalized linear models, and survival analysis. Computer-based exercises using statistical software will give students applied experience with the statistical methods. Prerequisite: Master's level statistics course 4 Semester Credits (Lecture 4) Letter Graded

NURS 7506 Adv Stat for Clinical Research II (4 Credits)

This course is the second part of a two-semester series on statistical methods for clinical research. This second course focuses on measurement problems, descriptive statistics, graphics, sampling distributions, hypotheses testing, and comparison of samples, non-parametric methods, and applications. Basic design issues are discussed as are ethical considerations in design and analysis. Prerequisite: N7505 4 Semester Credits (Lecture 4) Letter Graded

NURS 7521 Special Topics (3 Credits)

Selected nursing topics covered vary from semester to semester based on student interest and faculty availability. Prerequisite: PhD standing or permission of instructor 1 to 9 Variable Semester Credits: (Lecture TBD; Lab TBD) Letter Graded Course fee: \$112

NURS 7530 Analysis of The Context of Health Care (3 Credits)

Elements of the context of health care for identified populations will be analyzed. Among these elements are the environmental, social and policy factors impacting the health of the identified population, the systems available to provide health care to that population, the impact of health policy and health care financing on utilization of care, and issues associated with access, cost, quality and outcomes of health care. Prerequisite: PhD Standing 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded

NURS 7533 Vulnerable Populations (4 Credits)

This course examines health determinants and disparities within the United States as well as in the global community. Students will examine health disparities and the burden of disease within different social, cultural, political, economic, and environmental contexts using a systematic, multidisciplinary approach. Based on best evidence and advanced clinical judgment, students will incorporate person-centered care in the planning and delivery of care across time, spheres of care, with an emphasis on accessible quality healthcare. Prerequisites: None Co-requisites: None 4 Semester Hours Letter Graded

NURS 7534 Advanced Leadership Practice for APRNs (2 Credits)

This course explores the complex expectations, challenges, and responsibilities of being a DNP-prepared APRN. This course focuses on the formation and cultivation of a sustainable professional identity that includes the development of emotional intelligence to promote social good, engagement in social justice, demonstration of ethical comportment, moral courage, and assertiveness in decision-making and actions. Prerequisites: Enrollment in the Post Masters DNP Program Co-requisites: None 2 Semester Hours Letter Graded

NURS 7535 Executive Leadership I (3 Credits)

This is the first of two courses to prepare the student to function in an executive leadership role in a health care organization. The course explores leadership styles, effective team strategies, and the changes in the external health care environment and their potential impact on health care organization to prepare students to optimize fiscal and human resources while maximizing quality outcomes. Prerequisites: N7301; N7302; N7303; N7304 Co-requisites: None 3 Semester Hours Letter Graded

NURS 7536 Executive Leadership II (3 Credits)

This is the second of two courses to prepare students to function in an executive leadership role in a health care organization. The course will prepare the student to evaluate external and internal measures of quality, safety, and customer satisfaction; develop operational approaches to maximize organizational effectiveness; support implementation of innovative practices; and enhance system outcomes. Prerequisites: N7535, NURS 7301, NURS 7302 Co-requisites: None 3 Semester Hours Letter Graded

NURS 7537 Nursing Informatics: Translation into Advanced Practice (2 Credits)

This course is designed to develop and increase advanced nursing informatics competencies. The student will transform data into information and apply knowledge to ensure the safety, quality, and efficiency of all healthcare settings. The course prepares the student to identify the best evidence and practices for the application of information and communication technologies in the delivery of health care and services. Prerequisites: Enrollment in the DNP program Co-requisites: None 2 Semester Hours Letter Graded

NURS 7538 Transforming Health & Health Care Delivery (6 Credits)

This course prepares students to analyze the influence of social, political, and economic environments on health policy and healthcare delivery. Students will utilize knowledge and ethical standards from nursing, business, health policy, and leadership science to develop safe quality care. Students will explore principles of advocacy for individual patients, populations, and the nursing profession and will learn to navigate and influence complex systems to promote health, equity, and social justice. Students will gain business and financial knowledge relevant to complex healthcare systems/organizations. Prerequisites: None Co-requisites: None 6 Semester Hours Letter Graded

NURS 7539 Advanced Seminar (3 Credits)

In this course, the student will demonstrate breadth, depth, and synthesis of knowledge and skills related to advanced practice. The course addresses the DNP socialization process, opportunities for DNP-prepared nurses, and the role of mentorship in professional development. Students examine their role in health care from a national and global perspective and address issues that affect health care delivery. Prerequisites: N7301; N7302; N7303; N7304; N7533; N7534 Professional Practice for APRNs; *N7535; *N7536 (*for students in the Nurse Executive track only) Co-requisites: None 3 Semester Hours Letter Graded

NURS 7540 Adv Research Designs & Methods (3 Credits)

This is the first course in a two-course series on advanced design and methods in nursing research. A variety of research design and methods for population-based and clinical studies are analyzed, critiqued, and proposed. Prerequisite: N7501 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded

NURS 7541 Appl Measurement Theory for Biomedical and Health Science Research (3 Credits)

In this course, the student will survey measurement theories and analyze measurement strategies for biomedical and health science research. The course will encompass the selection and evaluation of appropriate measures and development of a proposal for establishing evidence for biometric and/or psychometric performance of the selected instrument(s). Prerequisites: N7501, N7505 or Statistics Equivalent, N7506 or Statistics Equivalent, N7540 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded Course fee: \$85

NURS 7542 Adv Research Design and Methods II (3 Credits)

This is the second course in a two-course series on advanced design and methods in nursing research. A variety of designs and methods for population-based and clinical studies are analyzed, critiqued, and proposed. The emphasis in this second course is on both quantitative and qualitative approaches and mixed methods. Students are provided opportunities to synthesize content and skills acquired in both courses in the development of a research proposal. Prerequisites: N7501, N7540 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded

NURS 7543 Empirical Basis of Scientific Inquiry (3 Credits)

Content in this course will focus on research synthesis and critique. Students will conduct a review of the literature to determine gaps in the state of science for their area of research. The course will culminate with the development of a state of the science paper and continued development of the students' conceptual models that will provide direction for their research trajectory. Prerequisite: N7530, N7501, N7540 3 Semester Credits (Contact Hours per Week: Lecture 3) Letter Graded

NURS 7550 Research Proposal Development (2 Credits)

This course builds on previous nursing coursework and adds content on ethical research issues and HIPPA regulations. Students are guided through a process of developing a research proposal using National Institutes of Health (NIH) guidelines. Prerequisites: N7501, N7530, N7540, N7541, N7542, N7543, N7505 or Statistic Equivalent, N7506 or Statistic Equivalent Co-requisite: N7550B 2 Semester Credits (Contact Hours per Week: Lecture 2) Letter Graded

NURS 7550B Research Proposal Development B (1 Credit)

This course is taken concurrently with N7550. The students will be guided in the development of their dissertation proposals with their advisor/ dissertation chairs. Prerequisites: N7501, N7530, N7540, N7541, N7542, N7543, N7505 or Statistic Equivalent, N7506 or Statistic Equivalent Co-requisite: N7550 1 Semester Credits (Contact Hours per Week: Lecture 1) Pass/Fail

NURS 7552 Research Planning and Implementation (2 Credits)

This course extends the content and experience of the previous courses. The student's dissertation proposal will be refined, evaluated, and prepared for submission to all appropriate Institutional Review Boards. Content will also include development and implementation strategies for further developing a program of research. Prerequisites: N7501, N7530, N7550, N7540, N7541, N7543 Co-requisite: N7552B 2 Semester Credits (Contact Hours per Week: Lecture 2) Letter Graded

NURS 7552B Research Planning and Implementation (1 Credit)

This course is taken concurrently with N7552. The students will be guided in the preparation of their dissertation proposals with their advisors/ dissertation chairpersons. Prerequisites: N7501, N7530, N7550, N7540, N7541, N7543 Co-requisite: N7552 1 Semester Credits (Contact Hours per Week: Lecture 1) Letter Graded

NURS 7554 Research Forums (1 Credit)

In this course students will be exposed to a variety of innovative research designs and methods, programs of research, and teaching methods to enrich their foundation as a scientist. Students will gain an understanding of how to enhance rigor and ensure the ethical conduct of research across research methods. Prerequisites: None Co-requisite: None 1 (total 3CrHr) Semester Credits (Contact Hours per Week: Lecture 1) Pass/Fail

NURS 7555 Research Practicum (3 Credits)

This research practicum provides the student with a supervised, hands-on, practical research project experience with a Cizik School of Nursing faculty mentor. The student and faculty mentor will select a combination of research activities that meet the student's learning needs. Prerequisites: TBD Co-requisite: None 3 Semester Credits (Contact Hours per Week: Lecture 3) Pass/Fail

NURS 7556 Advanced Public / Population Health Nursing (3 Credits)

This course examines public health principles, individual and systems theory, scientific evidence, and community knowledge to address health promotion and disease prevention across the life course and within the context of populations and settings to improve health for all. Identification of the determinants of health and disease burden will be used to analyze interprofessional approaches to program development and evaluation at the individual, population, system, and policy levels. Prerequisites: Enrollment in the DNP or PhD Program Co-requisite: None 3 Semester Credits Letter Graded

NURS 7556B Advanced Public / Population Health Nursing Practicum (2 Credits)

The purpose of this practicum is the synthesis and application of advanced public and population health nursing knowledge, skills, and principles across practice settings. The practicum provides hands-on experience to explore health promotion and disease prevention strategies, analyze avenues to achieve health equity, monitor the health status of the community, and utilize planning and evaluation skills. Students, preceptors, and faculty collaborate to create engaging learning experiences that foster public health nursing knowledge application and sharpen competencies in the care of populations (120 supervised practice hours). Prerequisites: N7533, N7556 Co-requisite: None 2 Semester Hours (120 supervised practice hours with an approved preceptor) Pass/Fail

NURS 7557 Data Science for Secondary Analysis (3 Credits)

This is a course in data science in which we are willing to learn from patterns in data without always needing a hypothesis as a starting point. The applications will involve secondary analysis of electronic health records (EHR) and data from public sources. A variety of study designs have been selected for demonstration of the range of secondary analyses. Database queries will be used to gather and reformat data suit the study design objectives. Analytical methods include machine learning for predictive modeling, introductory network analysis, text mining, and propensity scores for managing confounding in observational studies. Visual programming and SQL queries will be emphasized along with use of modern software tools that are capable of handling big data. Workflows will be organized to maintain reproducibility of the studies conducted in the course. Prerequisites: N7505 or other statistics course with coverage of linear and logistic regression. Experience with SQL or programming in other language is desired, but it is not necessary. Co-requisite: N7505 or other statistics course with coverage of linear and logistic regression. Experience with SQL or programming in other language is desired, but it is not necessary. 3 Semester Hours Letter Graded

NURS 7590 Candidacy Exam (1-3 Credits)

The candidacy examination serves as a basis for determining the student's readiness for pursuing dissertation research. The student should demonstrate a command of the theoretical and methodological issues related to the selected topic as a basis for pursuing research in a specific population of interest. The candidacy examination is viewed as a continuing step in the educational process building on previous course work leading to the dissertation proposal defense and the dissertation. Prerequisites: N7501, N7530, N7540, N7541, N7542, N7543, N7550, N7505 or Statistics Equivalent, N7506 or Statistics Equivalent 1-3 Semester Variable Credit (Contact Hours per Week: TBD) Letter Graded

NURS 7600 Dissertation (1-12 Credits)

An original research dissertation that constitutes a substantial contribution to the body of knowledge in nursing is completed under the direction of a Dissertation Committee Chairperson, who is a member of the Cizik School of Nursing faculty. Dissertation topics are directed toward development of knowledge relevant to nursing practice interventions, client populations, and their health and health problems and outcomes of health care interventions. Prerequisites: N7501, N7530, N7540, N7541, N7542, N7543. N7550, N7552, N7505 or Statistics Equivalent, N7506 or Statistics Equivalent. Successful completion of candidacy examination, 9 semester credit hours of electives and nine semester credit hours of cognates. 12 Variable Semester Credits (Contact Hours per Week: TBD) Pass/Fail

NURS 7700 Independent Study (1-6 Credits)

This course allows the student an opportunity to pursue a detailed in-depth study in a specific topic area. The topic and mode of study for the course must be agreed upon by the student and instructor. Prerequisites: PhD standing or permission of instructor 1-6 Semester Variable Credits: (Lecture TBD; Lab TBD) Letter Graded