

Graduate Program Objective #1: Integrate nursing science and theory, biophysical, psychosocial, ethical, analytical, and organizational science as the foundation for the highest level of nursing practice.

Course Objectives:

NRSG 601 Advanced Health Assessment

- 1 Synthesize therapeutic communication, sound critical thinking, and clinical decision making
- 2 Obtain and accurately document comprehensive and appropriate health history for clients across
- 3 Perform and accurately document appropriate comprehensive or symptom-focused physical examinations on clients of all ages.
- 4 Perform a risk assessment of the individual, including lifestyle, family and genetic history, and other risk factors.
- 5 Analyze and synthesize information for clients of all ages, relating assessment findings to underlying pathology or physiologic changes.

NRSG 602 Advanced Pathophysiology

- 5 Discuss developmental physiology, etiology, pathogenesis, and clinical manifestations of common acute and chronic diseases.

NRSG 603 Advanced Pharmacology I

- 3 Use principles of pharmacologic reasoning to determine the rationale for the management of patients with simple and complex health problems.

NRSG 604 Evidence Based Practice I

- 1 Identify resources to support evidence-based practice.
- 2 Critically appraise existing literature and other evidence to determine and implement the best evidence for practice.
- 3 Identify relevant clinical practice questions.
- 4 Evaluate research evidence for congruence with select constructs, models, and theories.
- 5 Analyze the legal, cultural, and ethical considerations related to evidence-based practice.
- 6 Examine evidence-based practice models to improve practice and outcomes.
- 7 Examine similarities and differences among evidence-based practice, quality improvement, and research.
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSG 605 Evidence Based Practice II

- 1 Analyze basic principles of the generation of evidence from a variety of scientific disciplines to understand evidence characteristics such as quality, credibility, validity, and uncertainty.
- 5 Investigate and disseminate findings related to a clinical problem.

NRSG 606 Statistical Applications for Graduate Nursing

- 8 Differentiate between the statistical significance and the clinical significance of findings.
- 9 Generate research questions that can be evaluated using statistics.

NRSG 607 Diagnostic Reasoning

- 1 Interpret relevant findings of diagnostic or other evaluative studies as they relate to acute and chronic diseases and other health conditions.
- 2 Analyze rationale for treatment modalities based on etiology, pathogenesis, and clinical manifestations of acute /chronic diseases and health conditions.
- 3 Synthesize and apply current research in physiology and pathophysiology related to select patient case studies.
- 4 Synthesize and apply current physiology research and best-practice research for the treatment of common pathologies.
- 5 Perform and interpret age-, gender-, and condition-specific diagnostic tests and screening procedures.
- 6 Formulate comprehensive differential diagnoses, considering epidemiology, environmental, population community characteristics, and life stage development.

NRSG 608 Design of Health Care Delivery Systems

- 1 Examine the roles of the Clinical Nurse Leader and Industrial Engineer as each relates to organizational leadership, effective advocacy, and the delivery and integration of care.
- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSG 609 Advanced Practice Nursing Leadership

- 1 Examine the professional role characteristics and expected outcomes of advanced practice nursing.
- 2 Critique regulatory, legislative, professional, public and legal issues facing advanced practice nursing in complex rural and urban health care systems.
- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.
- 6 Demonstrate clinical scholarship.

NRSG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.
- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.

NRSG 611 Program Planning Evaluation Quality Improvement Outcomes

- 4 Evaluate issues of outcomes management including established standards, practice guidelines, clinical interventions, and influences of care and cultural systems.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NSRG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 3 Demonstrate understanding of legal and regulatory issues as they relate to APRN practice.
- 4 Educate others regarding nursing, health policy, and patient care outcomes.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 6 Develop, evaluate, and provide leadership for health care policy that shapes healthcare financing, regulation, and delivery.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 8 Examine philosophical and moral bases of issues related to APRN practice.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NRSG 613 Financing and Budgeting

- 7 Analyze multiple healthcare systems, financial strategies and healthcare outcomes.
- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NRSG 614 Vulnerability and Health Care Diversity

- 1 Analyze contextual contributions associated with vulnerability and health disparities.
- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.
- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 5 Apply HP2020, WHO strategic Goals, and models of care to select populations to reduce disparities and improve outcomes.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NRSG 615 Translational Research

- 1 Explore the history, development, and definitions of translational research.
- 2 Critique research articles that represent the cycle of translational research.
- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.
- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NRSG 620 Advanced Pharmacology II (F/I)

- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 9 Demonstrate knowledge of necessary laboratory monitoring and acceptable parameters for safe and effective care.
- 10 Demonstrate appropriate documentation in selecting and prescribing pharmacologic agents.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.

- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 1 Employ effective communication and collaboration skills in providing preventive care, treatment, and advocacy for midlife families with emphasis on needs in the rural primary care setting.
- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.
- 4 Disseminate findings from evidence based interventions for disease prevention and treatment of primary health care needs of midlife families.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for aging families with emphasis on rural, primary care settings.
- 2 Select and apply assessment strategies to determine the health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 6 Implement diagnostic reasoning skills, critical thinking, and science of therapeutics for positive patient outcomes.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 1 Formulate comprehensive differential diagnoses related to individual health, in complex situations.
- 2 Incorporate diverse and culturally sensitive approaches.
- 3 Implement and evaluate pharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.

- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 1 Apply relevant principles of human neurophysiology, pharmacology, and psychology related to drug therapy in treating mental health disorders based on evolving scientific knowledge.
- 2 Utilize the principles of sound research design when evaluating and interpreting the scientific literature of psychotropic agents and complimentary alternative medicine (CAM) treatments.
- 3 Analyze and provide a rationale for selecting a drug regimen for mental health disorders using accepted treatment algorithms, evidence-based practice, and consideration for individual patient characteristics.
- 4 Demonstrate knowledge of necessary laboratory monitoring and acceptable parameters for safe and effective drug therapies for chronic and acute psychiatric disorders.
- 5 Formulate and synthesize clinically responsible approaches to determining and evaluating loading, maintenance, titration, tapering, and discontinuation of psychotropic agents.
- 6 Discuss the rationale for selecting appropriate psychotropic approaches in clinical case studies, taking into consideration potential differential diagnoses, adverse reactions, drug-drug interactions, contraindications, and co-occurring medical conditions.
- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 8 Assess and demonstrate appropriate patient education related to psychotropic drug therapy to facilitate increased patient understanding and compliance.
- 9 Integrate content from current peer-reviewed journal articles and other scientific resources as adjunct information during class discussions.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.
- 11 Demonstrate appropriate documentation in selecting and prescribing psychotropic agents.
- 12 Integrate into clinical discussions appropriate State laws and Federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medications.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Select and apply assessment strategies to interpret the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 4 Develop, apply, and evaluate therapeutic advanced nursing strategies for the psychiatric treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.

- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and groups across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advance nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 6 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 2 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.

- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 7 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 8 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 674 Scholarly Project Seminar

- 1 Identify and plan the DNP Scholarly Project to be completed incrementally throughout the graduate program with the final written paper completed prior to graduation.
- 2 Initiate a DNP Scholarly Project proposal in collaboration with the student's Project Chair.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)
- 3 Produce a written scholarly product leading to a successful defense.

Graduate Program Objective #2: Analyze complex health care system to assess strengths and weaknesses to facilitate organization-wide changes in practice delivery.

Course Objectives:

NRSG 604 Evidence Based Practice I

- 6 Examine evidence-based practice models to improve practice and outcomes.
- 8 Identify relevant internal and external stakeholders to address a clinical problem
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSG 605 Evidence Based Practice II

- 4 Apply relevant biostatistical and epidemiological findings to examine practice guidelines, improve practice, and the practice environment.
- 6 Use information technology systems to monitor and evaluate outcomes of care.

NRSG 606 Statistical Applications for Graduate Nursing

- 9 Generate research questions that can be evaluated using statistics.

NRSG 608 Design of Health Care Delivery Systems

- 1 Examine the roles of the Clinical Nurse Leader and Industrial Engineer as each relates to organizational leadership, effective advocacy, and the delivery and integration of care.
- 2 Evaluate core hospital systems which drive the quality, timeliness, and cost of care using systems engineering concepts and tools.
- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSG 609 Advanced Practice Nursing Leadership

- 2 Critique regulatory, legislative, professional, public and legal issues facing advanced practice nursing in complex rural and urban health care systems.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.

NRSG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.
- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.
- 3 Demonstrate the conceptual ability and technical skills to develop and execute an evaluation plan involving data extraction from practice information systems and databases.

NRSG 611 Program Planning Evaluation Quality Improvement Outcomes

- 1 Analyze logic models and other conceptual and theoretical underpinnings of program planning and evaluation, outcomes management, and quality improvement.
- 2 Evaluate a clinical micro-, meso-, and macro-system model as a tool for diagnosing and treating a system's needs.
- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.

NSRG 612 Ethics, Law, and Policy

- 6 Develop, evaluate, and provide leadership for health care policy that shapes healthcare financing, regulation, and delivery.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NRSG 613 Financing and Budgeting

- 1 Analyze the effects of distinctive economic characteristics of healthcare.
- 3 Assess external and internal factors (political, legal, and societal) that influence the economics of healthcare.
- 4 Analyze financial statements and balance sheets to evaluate the cost effectiveness and financial health of an organization.
- 5 Assimilate financial reimbursement concepts into quality healthcare management.
- 6 Evaluate the utilization of strategic planning and business plans in healthcare organizations.
- 7 Analyze multiple healthcare systems, financial strategies and healthcare outcomes.
- 8 Understand the principles and definitions of various healthcare organization corporate structures.
- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NRSG 614 Vulnerability and Health Care Diversity

- 1 Analyze contextual contributions associated with vulnerability and health disparities.
- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.

NRSG 615 Translational Research

- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.

NRSG 620 Advanced Pharmacology II (F/I)

- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 1 Employ effective communication and collaboration skills in providing preventive care, treatment, and advocacy for midlife families with emphasis on needs in the rural primary care setting.
- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.

- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)
- 2 Demonstrate progress each semester enrolled in Scholarly Project credits.
- 3 Produce a written scholarly product leading to a successful defense.

Graduate Program Objective #3: Synthesize, interpret, and apply knowledge from nursing practice, research, theory, and informatics to evaluate outcomes and sustain evidence-based advanced nursing practice.

Course Objectives:

NRSG 601 Advanced Health Assessment

- 1 Synthesize therapeutic communication, sound critical thinking, and clinical decision making
- 2 Obtain and accurately document comprehensive and appropriate health history for clients across
- 3 Perform and accurately document appropriate comprehensive or symptom-focused physical examinations on clients of all ages.
- 4 Perform a risk assessment of the individual, including lifestyle, family and genetic history, and other risk factors.
- 5 Analyze and synthesize information for clients of all ages, relating assessment findings to underlying pathology or physiologic changes.

NRSG 602 Advanced Pathophysiology

- 1 Compare and contrast the physiology and pathophysiology of cellular function and structure.
- 2 Differentiate among the major mechanical, chemical, temporal, and spatial factors that influence basic cellular and tissue/organ functions.
- 3 Differentiate among genomics, proteomics, metabolomics and epigenetics that influence health.
- 4 Analyze the relationship between physiology and pathology within each of the following body systems: Cardiovascular, Respiratory, Gastrointestinal, Hematologic/immune, Endocrine, Musculoskeletal, Neurological, Renal, Integumentary, Sexual and reproductive.
- 5 Discuss developmental physiology, etiology, pathogenesis, and clinical manifestations of common acute and chronic diseases.

NRSG 603 Advanced Pharmacology I

- 1 Apply principles of pharmacodynamics to the cellular mechanism of drug action and physiologic outcomes of common classifications of pharmaceutical agents.
- 2 Apply principles of pharmacokinetics, absorption, distribution, metabolism and excretion of common classifications of pharmacologic agents.
- 3 Use principles of pharmacologic reasoning to determine the rationale for the management of patients with simple and complex health problems.

NRSG 604 Evidence Based Practice I

- 1 Identify resources to support evidence-based practice.
- 2 Critically appraise existing literature and other evidence to determine and implement the best evidence for practice.
- 3 Identify relevant clinical practice questions.
- 4 Evaluate research evidence for congruence with select constructs, models, and theories.
- 5 Analyze the legal, cultural, and ethical considerations related to evidence-based practice.
- 6 Examine evidence-based practice models to improve practice and outcomes.
- 7 Examine similarities and differences among evidence-based practice, quality improvement, and research.
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSG 605 Evidence Based Practice II

- 1 Analyze basic principles of the generation of evidence from a variety of scientific disciplines to understand evidence characteristics such as quality, credibility, validity, and uncertainty.
- 2 Utilize analytic methods to critically appraise evidence to improve practice and patient outcomes.
- 3 Design processes to evaluate outcomes of practice and compare against national benchmarks.
- 4 Apply relevant biostatistical and epidemiological findings to examine practice guidelines, improve practice, and the practice environment.
- 5 Investigate and disseminate findings related to a clinical problem.
- 6 Use information technology systems to monitor and evaluate outcomes of care.

NRSG 606 Statistical Applications for Graduate Nursing

- 7 Interpret and critique statistical analyses in published research reports.
- 8 Differentiate between the statistical significance and the clinical significance of findings.
- 9 Generate research questions that can be evaluated using statistics.

NRSG 607 Diagnostic Reasoning

- 1 Interpret relevant findings of diagnostic or other evaluative studies as they relate to acute and chronic diseases and other health conditions.
- 2 Analyze rationale for treatment modalities based on etiology, pathogenesis, and clinical manifestations of acute /chronic diseases and health conditions.
- 3 Synthesize and apply current research in physiology and pathophysiology related to select patient case studies.
- 4 Synthesize and apply current physiology research and best-practice research for the treatment of common pathologies.
- 5 Perform and interpret age-, gender-, and condition-specific diagnostic tests and screening procedures.
- 6 Formulate comprehensive differential diagnoses, considering epidemiology, environmental, population community characteristics, and life stage development.

NRSG 608 Design of Health Care Delivery Systems

- 1 Examine the roles of the Clinical Nurse Leader and Industrial Engineer as each relates to organizational leadership, effective advocacy, and the delivery and integration of care.
- 2 Evaluate core hospital systems which drive the quality, timeliness, and cost of care using systems engineering concepts and tools.
- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSG 609 Advanced Practice Nursing Leadership

- 1 Examine the professional role characteristics and expected outcomes of advanced practice nursing.
- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.

NRSG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.
- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.
- 3 Demonstrate the conceptual ability and technical skills to develop and execute an evaluation plan involving data extraction from practice information systems and databases.
- 4 Provide leadership in the evaluation of ethical, legal, social, and regulatory issues related to health care informatics.
- 5 Evaluate consumer health information sources for accuracy, timeliness, and appropriateness.

NRSG 611 Program Planning Evaluation Quality Improvement Outcomes

- 1 Analyze logic models and other conceptual and theoretical underpinnings of program planning and evaluation, outcomes management, and quality improvement.
- 2 Evaluate a clinical micro-, meso-, and macro-system model as a tool for diagnosing and treating a system's needs.

- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 4 Evaluate issues of outcomes management including established standards, practice guidelines, clinical interventions, and influences of care and cultural systems.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NSRG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 3 Demonstrate understanding of legal and regulatory issues as they relate to APRN practice.
- 4 Educate others regarding nursing, health policy, and patient care outcomes.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 6 Develop, evaluate, and provide leadership for health care policy that shapes healthcare financing, regulation, and delivery.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 8 Examine philosophical and moral bases of issues related to APRN practice.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NSRG 613 Financing and Budgeting

- 1 Analyze the effects of distinctive economic characteristics of healthcare.
- 2 Integrate the principles of financial management, budgeting, strategic planning, and utilization of resources.
- 3 Assess external and internal factors (political, legal, and societal) that influence the economics of healthcare.
- 4 Analyze financial statements and balance sheets to evaluate the cost effectiveness and financial health of an organization.
- 5 Assimilate financial reimbursement concepts into quality healthcare management.
- 6 Evaluate the utilization of strategic planning and business plans in healthcare organizations.
- 7 Analyze multiple healthcare systems, financial strategies and healthcare outcomes.
- 8 Understand the principles and definitions of various healthcare organization corporate structures.
- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NSRG 614 Vulnerability and Health Care Diversity

- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.
- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NSRG 615 Translational Research

- 1 Explore the history, development, and definitions of translational research.
- 2 Critique research articles that represent the cycle of translational research.

- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.
- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NRSG 620 Advanced Pharmacology II (F/I)

- 1 Analyze the pharmacodynamics and pharmacokinetics of specific drugs for each pathologic condition presented.
- 2 Synthesize content from current peer reviewed articles and over scientific resources during class discussion.
- 3 Analyze and discuss potential adverse reactions, side effects, and drug-drug interactions in selected systems and degenerated disorders.
- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 9 Demonstrate knowledge of necessary laboratory monitoring and acceptable parameters for safe and effective care.
- 10 Demonstrate appropriate documentation in selecting and prescribing pharmacologic agents.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.

- 4 Disseminate findings from evidence based interventions for disease prevention and treatment of primary health care needs of midlife families.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 2 Select and apply assessment strategies to determine the health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 6 Implement diagnostic reasoning skills, critical thinking, and science of therapeutics for positive patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 1 Formulate comprehensive differential diagnoses related to individual health, in complex situations.
- 2 Incorporate diverse and culturally sensitive approaches.
- 3 Implement and evaluate pharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 1 Apply relevant principles of human neurophysiology, pharmacology, and psychology related to drug therapy in treating mental health disorders based on evolving scientific knowledge.
- 2 Utilize the principles of sound research design when evaluating and interpreting the scientific literature of psychotropic agents and complimentary alternative medicine (CAM) treatments.
- 3 Analyze and provide a rationale for selecting a drug regimen for mental health disorders using accepted treatment algorithms, evidence-based practice, and consideration for individual patient characteristics.
- 4 Demonstrate knowledge of necessary laboratory monitoring and acceptable parameters for safe and effective drug therapies for chronic and acute psychiatric disorders.
- 5 Formulate and synthesize clinically responsible approaches to determining and evaluating loading, maintenance, titration, tapering, and discontinuation of psychotropic agents.
- 6 Discuss the rationale for selecting appropriate psychotropic approaches in clinical case studies, taking into consideration potential differential diagnoses, adverse reactions, drug-drug interactions, contraindications, and co-occurring medical conditions.

- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 8 Assess and demonstrate appropriate patient education related to psychotropic drug therapy to facilitate increased patient understanding and compliance.
- 9 Integrate content from current peer-reviewed journal articles and other scientific resources as adjunct information during class discussions.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.
- 11 Demonstrate appropriate documentation in selecting and prescribing psychotropic agents.
- 12 Integrate into clinical discussions appropriate State laws and Federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medications.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Select and apply assessment strategies to interpret the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 4 Develop, apply, and evaluate therapeutic advanced nursing strategies for the psychiatric treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and groups across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advance nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 6 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 2 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 7 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 8 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)
- 2 Demonstrate progress each semester enrolled in Scholarly Project credits.
- 3 Produce a written scholarly product leading to a successful defense.

Graduate Program Objective #4: Advocate for health care policy addressing issues of social justice and equality in the delivery of advanced practice nursing services.

Course Objectives:

NRSRG 604 Evidence Based Practice I

- 5 Analyze the legal, cultural, and ethical considerations related to evidence-based practice.
- 6 Examine evidence-based practice models to improve practice and outcomes.
- 8 Identify relevant internal and external stakeholders to address a clinical problem
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSRG 605 Evidence Based Practice II

- 3 Design processes to evaluate outcomes of practice and compare against national benchmarks.
- 4 Apply relevant biostatistical and epidemiological findings to examine practice guidelines, improve practice, and the practice environment.
- 5 Investigate and disseminate findings related to a clinical problem.

NRSRG 606 Statistical Applications for Graduate Nursing

- 8 Differentiate between the statistical significance and the clinical significance of findings.

NRSRG 607 Diagnostic Reasoning

- 6 Formulate comprehensive differential diagnoses, considering epidemiology, environmental, population community characteristics, and life stage development.

NRSRG 608 Design of Health Care Delivery Systems

- 1 Examine the roles of the Clinical Nurse Leader and Industrial Engineer as each relates to organizational leadership, effective advocacy, and the delivery and integration of care.
- 2 Evaluate core hospital systems which drive the quality, timeliness, and cost of care using systems engineering concepts and tools.
- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSRG 609 Advanced Practice Nursing Leadership

- 1 Examine the professional role characteristics and expected outcomes of advanced practice nursing.
- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.

NRSRG 610 Health Care Informatics

- 3 Demonstrate the conceptual ability and technical skills to develop and execute an evaluation plan involving data extraction from practice information systems and databases.
- 4 Provide leadership in the evaluation of ethical, legal, social, and regulatory issues related to health care informatics.
- 5 Evaluate consumer health information sources for accuracy, timeliness, and appropriateness.

NRSRG 611 Program Planning Evaluation Quality Improvement Outcomes

- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NSRG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 3 Demonstrate understanding of legal and regulatory issues as they relate to APRN practice.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 8 Examine philosophical and moral bases of issues related to APRN practice.

NSRG 613 Financing and Budgeting

- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NSRG 614 Vulnerability and Health Care Diversity

- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.
- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NSRG 615 Translational Research

- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.
- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NSRG 620 Advanced Pharmacology II (F/I)

- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.

NSRG 621 Advanced Clinical I (F/I)

- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NSRG 622 Advanced Clinical II (F/I)

- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.

- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 2 Incorporate diverse and culturally sensitive approaches.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.

NRSG 631 Advanced Clinical I (P/MH)

- 6 Apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 6 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 7 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 8 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.

- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)

Graduate Program Objective #5: Enact leadership and effective communication in inter- and intra-professional collaborator relationships to facilitate and improve outcomes for individuals, populations, and health care systems.

Course Objectives:

NRSRG 604 Evidence Based Practice I

- 6 Examine evidence-based practice models to improve practice and outcomes.
- 7 Examine similarities and differences among evidence-based practice, quality improvement, and research.
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSRG 605 Evidence Based Practice II

- 1 Analyze basic principles of the generation of evidence from a variety of scientific disciplines to understand evidence characteristics such as quality, credibility, validity, and uncertainty.
- 5 Investigate and disseminate findings related to a clinical problem.

NRSRG 606 Statistical Applications for Graduate Nursing

- 7 Interpret and critique statistical analyses in published research reports.
- 8 Differentiate between the statistical significance and the clinical significance of findings.
- 11 Identify pros and cons of various statistical software products.

NRSRG 607 Diagnostic Reasoning

- 3 Synthesize and apply current research in physiology and pathophysiology related to select patient case studies.
- 4 Synthesize and apply current physiology research and best-practice research for the treatment of common pathologies.
- 5 Perform and interpret age-, gender-, and condition-specific diagnostic tests and screening procedures.
- 6 Formulate comprehensive differential diagnoses, considering epidemiology, environmental, population community characteristics, and life stage development.

NRSRG 608 Design of Health Care Delivery Systems

- 1 Examine the roles of the Clinical Nurse Leader and Industrial Engineer as each relates to organizational leadership, effective advocacy, and the delivery and integration of care.
- 2 Evaluate core hospital systems which drive the quality, timeliness, and cost of care using systems engineering concepts and tools.
- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSRG 609 Advanced Practice Nursing Leadership

- 1 Examine the professional role characteristics and expected outcomes of advanced practice nursing.
- 2 Critique regulatory, legislative, professional, public and legal issues facing advanced practice nursing in complex rural and urban health care systems.
- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.
- 6 Demonstrate clinical scholarship.

NRSRG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.

- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.

NRSG 611 Program Planning Evaluation Quality Improvement Outcomes

- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 4 Evaluate issues of outcomes management including established standards, practice guidelines, clinical interventions, and influences of care and cultural systems.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NRSG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 3 Demonstrate understanding of legal and regulatory issues as they relate to APRN practice.
- 4 Educate others regarding nursing, health policy, and patient care outcomes.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 6 Develop, evaluate, and provide leadership for health care policy that shapes healthcare financing, regulation, and delivery.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 8 Examine philosophical and moral bases of issues related to APRN practice.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NRSG 613 Financing and Budgeting

- 7 Analyze multiple healthcare systems, financial strategies and healthcare outcomes.
- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NRSG 614 Vulnerability and Health Care Diversity

- 1 Analyze contextual contributions associated with vulnerability and health disparities.
- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.
- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 5 Apply HP2020, WHO strategic Goals, and models of care to select populations to reduce disparities and improve outcomes.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NRSG 615 Translational Research

- 1 Explore the history, development, and definitions of translational research.
- 2 Critique research articles that represent the cycle of translational research.
- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.

- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NRSG 620 Advanced Pharmacology II (F/I)

- 2 Synthesize content from current peer reviewed articles and over scientific resources during class discussion.
- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 1 Employ effective communication and collaboration skills in providing preventive care, treatment, and advocacy for midlife families with emphasis on needs in the rural primary care setting.
- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.
- 4 Disseminate findings from evidence based interventions for disease prevention and treatment of primary health care needs of midlife families.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for aging families with emphasis on rural, primary care settings.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.

- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 6 Implement diagnostic reasoning skills, critical thinking, and science of therapeutics for positive patient outcomes.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/T)

- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 6 Discuss the rationale for selecting appropriate psychotropic approaches in clinical case studies, taking into consideration potential differential diagnoses, adverse reactions, drug-drug interactions, contraindications, and co-occurring medical conditions.
- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 8 Assess and demonstrate appropriate patient education related to psychotropic drug therapy to facilitate increased patient understanding and compliance.
- 9 Integrate content from current peer-reviewed journal articles and other scientific resources as adjunct information during class discussions.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.

- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 6 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 7 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 8 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 674 Scholarly Project Seminar

- 2 Initiate a DNP Scholarly Project proposal in collaboration with the student's Project Chair.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)
- 3 Produce a written scholarly product leading to a successful defense.

Graduate Program Objective #6: Assess epidemiological, financial, sociopolitical, occupational, and organizational forces in the development, implementation, and evaluation of clinical prevention and population health.

Course Objectives:

NRSG 601 Advanced Health Assessment

- 4 Perform a risk assessment of the individual, including lifestyle, family and genetic history, and other risk factors.
- 5 Analyze and synthesize information for clients of all ages, relating assessment findings to underlying pathology or physiologic changes.

NRSG 604 Evidence Based Practice I

- 2 Critically appraise existing literature and other evidence to determine and implement the best evidence for practice.
- 3 Identify relevant clinical practice questions.
- 4 Evaluate research evidence for congruence with select constructs, models, and theories.
- 5 Analyze the legal, cultural, and ethical considerations related to evidence-based practice.
- 8 Identify relevant internal and external stakeholders to address a clinical problem

NRSG 605 Evidence Based Practice II

- 2 Utilize analytic methods to critically appraise evidence to improve practice and patient outcomes.
- 3 Design processes to evaluate outcomes of practice and compare against national benchmarks.
- 5 Investigate and disseminate findings related to a clinical problem.

NRSG 607 Diagnostic Reasoning

- 1 Interpret relevant findings of diagnostic or other evaluative studies as they relate to acute and chronic diseases and other health conditions.
- 2 Analyze rationale for treatment modalities based on etiology, pathogenesis, and clinical manifestations of acute /chronic diseases and health conditions.
- 3 Synthesize and apply current research in physiology and pathophysiology related to select patient case studies.
- 4 Synthesize and apply current physiology research and best-practice research for the treatment of common pathologies.
- 5 Perform and interpret age-, gender-, and condition-specific diagnostic tests and screening procedures.
- 6 Formulate comprehensive differential diagnoses, considering epidemiology, environmental, population community characteristics, and life stage development.

NRSG 608 Design of Health Care Delivery Systems

- 3 Examine issues related to coordinating and leading healthcare teams in collaborative problem solving.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSG 609 Advanced Practice Nursing Leadership

- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.

NRSG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.
- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.

- 3 Demonstrate the conceptual ability and technical skills to develop and execute an evaluation plan involving data extraction from practice information systems and databases.
- 4 Provide leadership in the evaluation of ethical, legal, social, and regulatory issues related to health care informatics.

NRSG 611 Program Planning Evaluation Quality Improvement Outcomes

- 1 Analyze logic models and other conceptual and theoretical underpinnings of program planning and evaluation, outcomes management, and quality improvement.
- 2 Evaluate a clinical micro-, meso-, and macro-system model as a tool for diagnosing and treating a system's needs.
- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 4 Evaluate issues of outcomes management including established standards, practice guidelines, clinical interventions, and influences of care and cultural systems.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NRSG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 4 Educate others regarding nursing, health policy, and patient care outcomes.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NRSG 613 Financing and Budgeting

- 1 Analyze the effects of distinctive economic characteristics of healthcare.
- 2 Integrate the principles of financial management, budgeting, strategic planning, and utilization of resources.
- 3 Assess external and internal factors (political, legal, and societal) that influence the economics of healthcare.
- 4 Analyze financial statements and balance sheets to evaluate the cost effectiveness and financial health of an organization.
- 5 Assimilate financial reimbursement concepts into quality healthcare management.
- 6 Evaluate the utilization of strategic planning and business plans in healthcare organizations.
- 7 Analyze multiple healthcare systems, financial strategies and healthcare outcomes.
- 8 Understand the principles and definitions of various healthcare organization corporate structures.
- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NRSG 614 Vulnerability and Health Care Diversity

- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.

- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 5 Apply HP2020, WHO strategic Goals, and models of care to select populations to reduce disparities and improve outcomes.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NRSG 615 Translational Research

- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.
- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NRSG 620 Advanced Pharmacology II (F/I)

- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 1 Employ effective communication and collaboration skills in providing preventive care, treatment, and advocacy for midlife families with emphasis on needs in the rural primary care setting.
- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.
- 4 Disseminate findings from evidence based interventions for disease prevention and treatment of primary health care needs of midlife families.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for aging families with emphasis on rural, primary care settings.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 1 Formulate comprehensive differential diagnoses related to individual health, in complex situations.
- 2 Incorporate diverse and culturally sensitive approaches.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 2 Utilize the principles of sound research design when evaluating and interpreting the scientific literature of psychotropic agents and complimentary alternative medicine (CAM) treatments.
- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Select and apply assessment strategies to interpret the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 4 Develop, apply, and evaluate therapeutic advanced nursing strategies for the psychiatric treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and groups across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advance nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 2 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)

Graduate Program Objective #7: Integrate professional standards, values, accountability, and ongoing self-reflection into role acquisition as an advanced practice nurse.

Course Objectives:

NRSRG 601 Advanced Health Assessment

- 1 Synthesize therapeutic communication, sound critical thinking, and clinical decision making

NRSRG 604 Evidence Based Practice I

- 4 Evaluate research evidence for congruence with select constructs, models, and theories.
- 5 Analyze the legal, cultural, and ethical considerations related to evidence-based practice.
- 6 Examine evidence-based practice models to improve practice and outcomes.
- 9 Critically examine implementation models to facilitate adoption of evidence-based practice

NRSRG 605 Evidence Based Practice II

- 3 Design processes to evaluate outcomes of practice and compare against national benchmarks.
- 4 Apply relevant biostatistical and epidemiological findings to examine practice guidelines, improve practice, and the practice environment.
- 5 Investigate and disseminate findings related to a clinical problem.

NRSRG 607 Diagnostic Reasoning

- 3 Synthesize and apply current research in physiology and pathophysiology related to select patient case studies.
- 4 Synthesize and apply current physiology research and best-practice research for the treatment of common pathologies.

NRSRG 608 Design of Health Care Delivery Systems

- 4 Compare quality, risk management, and patient safety strategies among select client populations.
- 5 Describe interrelationships among clinical information systems, communication accuracy, error reduction, and health care system operations.
- 6 Assess internal and external forces including cultural factors that affect healthcare delivery across various settings.

NRSRG 609 Advanced Practice Nursing Leadership

- 1 Examine the professional role characteristics and expected outcomes of advanced practice nursing.
- 2 Critique regulatory, legislative, professional, public and legal issues facing advanced practice nursing in complex rural and urban health care systems.
- 3 Analyze and demonstrate the essential qualities of effective nurse leaders.
- 4 Analyze complex issues related to coordinating and leading healthcare teams.
- 5 Effectively collaborate intra- and inter-professionally to improve health outcomes.

NRSRG 610 Health Care Informatics

- 1 Design, select, use, and evaluate programs that evaluate and monitor outcomes of care, care systems, and quality improvement including consumer use of health care information systems.
- 2 Analyze and communicate critical elements necessary to the selection, use and evaluation of health care information systems and patient care technology.
- 3 Demonstrate the conceptual ability and technical skills to develop and execute an evaluation plan involving data extraction from practice information systems and databases.
- 4 Provide leadership in the evaluation of ethical, legal, social, and regulatory issues related to health care informatics.
- 5 Evaluate consumer health information sources for accuracy, timeliness, and appropriateness.

NRSRG 611 Program Planning Evaluation Quality Improvement Outcomes

- 1 Analyze logic models and other conceptual and theoretical underpinnings of program planning and evaluation, outcomes management, and quality improvement.
- 2 Evaluate a clinical micro-, meso-, and macro-system model as a tool for diagnosing and treating a system's needs.

- 3 Discuss the process of tailoring evaluation instruments for diverse individuals and communities for the collection of both qualitative and quantitative evaluation data.
- 4 Evaluate issues of outcomes management including established standards, practice guidelines, clinical interventions, and influences of care and cultural systems.
- 5 Evaluate models for improvement designed to optimize health outcomes.
- 6 Synthesize data and utilize information systems and technology to evaluate and achieve optimal client care outcomes and quality improvement efforts.
- 7 Critique care delivery approaches that meet current and future needs of patient populations based on scientific findings in nursing and other clinical sciences, as well as organizational, political, and economic sciences.
- 8 Demonstrate sensitivity to diverse organizational cultures and populations, including patients and providers.

NSRG 612 Ethics, Law, and Policy

- 1 Critically analyze health policy proposals, health policies, and related issues from the perspective of consumers, nursing, other health professions, and other stakeholders in policy and public forums.
- 2 Demonstrate leadership in the development and implementation of institutional, local, state, federal, and/or international health policy.
- 3 Demonstrate understanding of legal and regulatory issues as they relate to APRN practice.
- 4 Educate others regarding nursing, health policy, and patient care outcomes.
- 5 Advocate for the nursing profession within the policy and healthcare communities.
- 6 Develop, evaluate, and provide leadership for health care policy that shapes healthcare financing, regulation, and delivery.
- 7 Advocate for social justice, equity, and ethical policies within all healthcare arenas.
- 8 Examine philosophical and moral bases of issues related to APRN practice.
- 9 Analyze past, current and proposed issues related to the law and healthcare practices.

NSRG 613 Financing and Budgeting

- 9 Demonstrate leadership in advocating for cost-effective practices in patient care.
- 10 Consider sustainability in analyzing new healthcare initiatives.

NSRG 614 Vulnerability and Health Care Diversity

- 2 Examine the interface between vulnerable persons and healthcare systems, including access, utilization, and outcomes.
- 3 Synthesize concepts and theories to explain vulnerability and health disparities among diverse populations.
- 4 Analyze the influences of physical/spatial, cultural/ideologic, and economic/resource determinants on the health status of underserved populations.
- 5 Apply HP2020, WHO strategic Goals, and models of care to select populations to reduce disparities and improve outcomes.
- 6 Examine rurality as a contributor to disparity and vulnerability.

NSRG 615 Translational Research

- 3 Explore the role of the DNP as a leader or team member when planning and developing a research team that would address health disparities and clinical problems.
- 4 Examine inter and intra disciplinary collaborations that have moved scientific discoveries toward novel interventions or new approaches to health issues.
- 5 Delineate the skills necessary to propose a course of action on an identified clinical practice problem.

NSRG 620 Advanced Pharmacology II (F/I)

- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.

- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.

NRSG 623 Advanced Clinical III (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for aging families with emphasis on rural, primary care settings.
- 2 Select and apply assessment strategies to determine the health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 6 Implement diagnostic reasoning skills, critical thinking, and science of therapeutics for positive patient outcomes.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/T)

- 1 Formulate comprehensive differential diagnoses related to individual health, in complex situations.
- 2 Incorporate diverse and culturally sensitive approaches.
- 3 Implement and evaluate pharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 2 Utilize the principles of sound research design when evaluating and interpreting the scientific literature of psychotropic agents and complimentary alternative medicine (CAM) treatments.
- 3 Analyze and provide a rationale for selecting a drug regimen for mental health disorders using accepted treatment algorithms, evidence-based practice, and consideration for individual patient characteristics.
- 9 Integrate content from current peer-reviewed journal articles and other scientific resources as adjunct information during class discussions.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Select and apply assessment strategies to interpret the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 4 Develop, apply, and evaluate therapeutic advanced nursing strategies for the psychiatric treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.

- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and groups across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 6 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advance nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 6 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Analyze and apply legal and ethical principles to the development, implementation, and evaluation of advanced nursing strategies.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 2 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.

- 6 Apply conceptual and analytical skills in evaluating links among practice and organizational issues.
 - 7 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
 - 8 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
 - 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.
- NRS 675 DNP Scholarly Project
- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)

Graduate Program Objective #8: Influences health outcomes by providing advanced independent comprehensive health care services including health promotion and counseling, health assessment and diagnosis, disease prevention and management of health and illness of individuals and families throughout the lifespan.

Course Objectives:

NRSG 620 Advanced Pharmacology II (F/I)

- 1 Analyze the pharmacodynamics and pharmacokinetics of specific drugs for each pathologic condition presented.
- 2 Synthesize content from current peer reviewed articles and over scientific resources during class discussion.
- 3 Analyze and discuss potential adverse reactions, side effects, and drug-drug interactions in selected systems and degenerated disorders.
- 4 Demonstrate critical thinking and awareness of cultural influences and values as they relate to pharmacologic and CAM treatments across the patient lifespan and across the socio-economic spectrum.
- 5 Integrate application of state laws and federal rules and regulations pertaining to prescriptive authority and the prescribing of drugs and devices when discussing clinical situations.
- 6 Integrate into clinical discussions appropriate state and federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medication.
- 7 Synthesize information from biomedical ethics, Board of Nursing rules and regulations, federal law, and nurse practitioner prescriber responsibilities.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking and accountability in designing, delivering and evaluating evidence-based care to improve patient outcomes.
- 11 Assess and demonstrate appropriate patient education to facilitate increased patient understanding and compliance.

NRSG 621 Advanced Clinical I (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for childbearing and childrearing families with emphasis on rural, primary care settings.
- 2 Analyze individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Evaluate healthcare strategies, guided by identified concepts and perspectives for treatment and preventive primary care of childbearing and childrearing families.
- 4 Disseminate findings from evidence based interventions for health promotion and treatment of primary health care needs of childbearing and childrearing families.
- 5 Implement diagnostic reasoning skills, critical thinking and science of therapeutics to improve patient outcomes for childbearing and childrearing families.
- 6 Evaluate the effectiveness of nursing strategies used to provide primary care for childbearing and childrearing families.
- 7 Synthesize knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 622 Advanced Clinical II (F/I)

- 2 Assess and interpret individual and family responses to primary health care issues, guided by a variety of relevant theoretical and interdisciplinary perspectives.
- 3 Formulate healthcare strategies, guided by identified concepts and perspectives, for treatment, health promotion, and preventive primary care of midlife families.
- 5 Evaluate the effectiveness of nursing strategies used to provide primary for midlife families.
- 6 Incorporate knowledge about culture and ethnicity into the development, implementation and evaluation of nursing strategies.

NRSG 623 Advanced Clinical III (F/I)

- 1 Demonstrate effective communication and collaboration skills in providing treatment, preventive care, and advocacy for aging families with emphasis on rural, primary care settings.
- 2 Select and apply assessment strategies to determine the health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Formulate, apply, and evaluate advance practice strategies, guided by identified concepts and perspectives, for treatment and preventive care of aging families.
- 4 Translate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 5 Disseminate findings from evidence based interventions traditional and non-traditional, for health promotion and protection in response to primary health care needs of aging families.
- 6 Implement diagnostic reasoning skills, critical thinking, and science of therapeutics for positive patient outcomes.
- 7 Integrate dynamics of culture into the development, implementation and evaluation of nursing strategies.
- 8 Demonstrate leadership in analyzing complex health problems for people who are aging.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 624 Advanced Clinical IV (F/I)

- 1 Formulate comprehensive differential diagnoses related to individual health, in complex situations.
- 2 Incorporate diverse and culturally sensitive approaches.
- 3 Implement and evaluate pharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 4 Develop, apply, and evaluate nursing strategies using evidence based modalities to treat the physical health problems of individuals, groups, and families across the lifespan.
- 5 Evaluate outcomes of holistic primary health care within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 6 Analyze consultative and leadership skills utilized to create change in health care settings.
- 7 Demonstrate leadership skills when analyzing complex practice and organizational issues.
- 8 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Apply legal and ethical principles to the development, implementation, and evaluation of nursing strategies.
- 10 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 630 Advanced Pharmacology II (P/MH)

- 1 Apply relevant principles of human neurophysiology, pharmacology, and psychology related to drug therapy in treating mental health disorders based on evolving scientific knowledge.
- 2 Utilize the principles of sound research design when evaluating and interpreting the scientific literature of psychotropic agents and complimentary alternative medicine (CAM) treatments.
- 3 Analyze and provide a rationale for selecting a drug regimen for mental health disorders using accepted treatment algorithms, evidence-based practice, and consideration for individual patient characteristics.
- 4 Demonstrate knowledge of necessary laboratory monitoring and acceptable parameters for safe and effective drug therapies for chronic and acute psychiatric disorders.
- 5 Formulate and synthesize clinically responsible approaches to determining and evaluating loading, maintenance, titration, tapering, and discontinuation of psychotropic agents.

- 6 Discuss the rationale for selecting appropriate psychotropic approaches in clinical case studies, taking into consideration potential differential diagnoses, adverse reactions, drug-drug interactions, contraindications, and co-occurring medical conditions.
- 7 Evaluate the pros and cons of various treatment options considering the psychological, physiological, and economic impacts of drug therapy as they apply to vulnerable individuals with psychiatric disorders.
- 8 Assess and demonstrate appropriate patient education related to psychotropic drug therapy to facilitate increased patient understanding and compliance.
- 10 Demonstrate critical thinking and awareness of cultural influences and values as they relate to psychopharmacologic and CAM treatments across the patient lifespan and across the socioeconomic spectrum.
- 11 Demonstrate appropriate documentation in selecting and prescribing psychotropic agents.
- 12 Integrate into clinical discussions appropriate State laws and Federal rules and regulations pertaining to the prescribing of scheduled and non-scheduled medications.

NRSG 631 Advanced Clinical I (P/MH)

- 1 Examine the scope of psychiatric advanced practice nursing in professional and legal arenas and integrate an evolving understanding of nursing and healthcare into one's nursing practice.
- 2 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 3 Select and apply assessment strategies to interpret the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 4 Develop, apply, and evaluate therapeutic advanced nursing strategies for the psychiatric treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 632 Advanced Clinical II (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and groups with mental health problems across the life span.
- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and groups across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and groups across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Develop, apply, and evaluate advanced nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and groups across the lifespan.
- 5 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 7 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSG 633 Advanced Clinical III (P/MH)

- 1 Analyze the advanced nursing practice role in the use of psychotherapeutic modalities for individuals and families with mental health problems across the lifespan.

- 2 Select and apply assessment strategies to determine the mental health treatment needs of individuals and families across the lifespan based on an understanding of biological, psychosocial, and developmental theories.
- 3 Select and apply relevant psychotherapeutic strategies for the treatment needs of individuals and families across the life span based on biopsychosocial theories, evidence-based standards of care, and practice guidelines.
- 4 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based standards of care, and practice guidelines.
- 5 Develop, apply, and evaluate advance nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals and families across the lifespan.
- 6 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 8 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

NRSNG 634 Advanced Clinical IV (P/MH)

- 1 Conduct comprehensive and systematic psychiatric assessments of health and illness parameters in complex situations, incorporating diverse and culturally sensitive approaches.
- 2 Implement and evaluate psychopharmacologic interventions based on current knowledge of pharmacology and physiology, evidence-based care, and practice guidelines.
- 3 Develop, apply, and evaluate nursing strategies using selected psychotherapeutic modalities to treat the mental health problems and psychiatric disorders of individuals, groups, and families across the lifespan.
- 4 Evaluate outcomes of psychiatric practice within a practice setting through designing and implementing processes to evaluate outcomes of practice, practice patterns, and systems of health care.
- 5 Analyze consultative and leadership skills utilized to create change in health care settings, and develop leadership skills in analyzing complex practice and organizational issues.
- 7 Demonstrate the effective use of therapeutic communication strategies and sustain therapeutic relationships and partnerships with patients and other professionals to facilitate optimal care and patient outcomes.
- 9 Demonstrate advanced levels of clinical judgment, systems thinking, and accountability in designing, delivering, and evaluating evidence-based care to improve patient outcomes.

Graduate Program Objective #9: Complete and successfully defend a scholarly project appropriate to the role and scope of the doctorally prepared advanced practice registered nurse.

Course Objectives:

NRSB 674 Scholarly Project Seminar

- 1 Identify and plan the DNP Scholarly Project to be completed incrementally throughout the graduate program with the final written paper completed prior to graduation.
- 2 Initiate a DNP Scholarly Project proposal in collaboration with the student's Project Chair.
- 3 Utilize the "Project Guide" to implement a plan to apply principles of scholarly writing throughout project planning and proposal development process.

NRSB 675 DNP Scholarly Project

- 1 Collaborate with the Scholarly Project Chair to develop a proposal based on the arrays of potential products for the DNP from the AACN Essentials of Doctoral Education for Advanced Nursing Practice (2006, p. 11)
- 2 Demonstrate progress each semester enrolled in Scholarly Project credits.
- 3 Produce a written scholarly product leading to a successful defense.