The School of Nursing employs a numerical grading system for most courses. Online courses meet synchronously or asynchronously and may require attendance at proctored examination or lab experiences. Hybrid courses require the student to be on campus up to four times during the semester. Courses of instruction and hours are subject to change. The School of Nursing reserves the right not to offer some courses because of low enrollment.

N 521-1. Concepts of Professional Nsg Practice. This bridge course between basic nursing education and advanced practice nursing education examines the professional roles of provider of care, designer/manager/coordinator of care and member of the profession. Within these roles, specific role components inherent to professional nursing practice are explored. This course provides students’ opportunity to master writing skills and to analyze professional writings to allow them to address relevant issues within today’s healthcare delivery system. This online course is delivered utilizing asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (4 credit hours)

N 524. Portal to Adv Physiology/Pathophysiology. This course provides an introduction to advanced physiology and pathophysiology. It facilitates seamless transition for the RN-MSN student into the master’s level Advanced Physiology/Pathophysiology. Course content includes an introduction to cell biology and genetics with a focus on application of the content to disease processes. Specific cellular and molecular mechanisms underlying the pathophysiological processes of diseases in all body systems will be highlighted. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

N 526. Portal to Advance Health Assessment. This course provides an introduction to advanced health assessment. This intensive 15 clock hour didactic course facilitates seamless transition for the associate degree nurse into the master’s level course Advanced Health Assessment. Course content focuses on an overview of the client interviewing skills with a focus on the principles of clinical observation and communication. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (1 credit hours)

N 527. Health Promotion in Populations. The course focuses on understanding the forces shaping community and global health patterns and the impact of these global processes on societies. Students will review strategies to assess, plan, implement and evaluate population-focused programs for health promotion and disease prevention of individuals, families, groups, communities and populations. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

N 528. Leadership and Management. This course describes the functions and roles of management and leadership in professional nursing. Decision making, communication, motivation changes, theories, managed care, and leadership strategies are presented and discussed to enhance the development of a beginning nurse manager. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 531-1. Hlth Information Technology & Pt Safety. This course provides a comprehensive introduction to the use of health information technology, patient safety, and health care quality improvement. Emphasis is placed on technology-based health applications that enhance the efficacy of the nursing process, as well as the role of the nurse in improving the quality of health care through designing, implementing, and evaluating evidence-based patient safety interventions and strategies. Confidentiality, ethical, and legal issues related to the use of electronic health records will be considered. This online course is delivered utilizing Asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 533. Portal to Research Design and Methods. This course provides an introduction to research facilitating seamless transition for the RN to MSN students into the master’s level research course. Course content focuses on beginning skills and approaches to reading and evaluating research studies. This online course is delivered utilizing asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (1 credit hours)
N 538. Healthcare Leadership and Collaboration. This course describes the functions and roles of management and leadership in professional nursing. Decision making, communication, motivation changes, theories, managed care, and legal/ethical issues are presented and discussed to enhance the development of a beginning nurse manager. This online course is delivered utilizing asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 540. Portal to Fiscal & Operations Mgmt. In this course students are introduced to fiscal and operations management. Students will learn about operations management as a business function, the transformation process, key trends impacting health care organizations, key strategies for managing cost and the potential impact of fiscal and operations management on the patient experience. This online course is delivered utilizing asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (1 credit hours)

N 545. Portal to Organizational Ldrshp & Comm. This course is designed to increase the student's knowledge and application of organizational principles and communication models. This intense portal will introduce the student to application of systems thinking framework in analyzing organizational structure, culture and communication framework and the impact of these elements on organizational outcomes. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

N 600. App & Intrp Adt Geri Acute Care Diag Mod. This course provides the theoretical basis for the application and interpretation of diagnostic modalities used in management of the acute care patient. Emphasis is placed on selected laboratory and radiology studies and interpretation of electrocardiogram and pulmonary function tests. Traditional Lecture (2 credit hours)

N 601-1. Practicum in Adult Geri Acute Care NP I. This supervised 45 hours clinical practice course offered in a variety of settings allows the student the opportunity to integrate and practice advanced health assessment, diagnostic reasoning, decision making for the collaborative management of patients with selected acute health problems such as cardiovascular disorders, diabetes, renal diseases, respiratory alterations, etc. Students are precepted by physicians/nurse practitioners under the direction of faculty. Traditional Clinical Rotation (1 credit hours)

N 601-2. Pract in Adult Geri Acute Care NP II. This supervised 135 hours clinical practice in specialized settings allows the student the opportunity to integrate and practice advanced health assessment, diagnostic reasoning and decision making for the collaborative management of adult gerontology clients with complex critical health problems. The student selects a clinical area of specialization and, through a learning contract developed with faculty, achieves the course objectives. Students are precepted by physicians/ nurse practitioners under the direction of the course faculty. Traditional Clinical Rotation (1 - 3 credit hours)

N 601-3. Pract in Adlt Geri Acute Care NP III. This supervised 225 hours clinical practice in critical care settings allows students the opportunity to integrate and practice advanced health assessment, diagnostic reasoning and decision making, for the collaborative management of patients with complex critical health problems such as multi-system failure, cardiac and or respiratory failure, brain attack or renal failure. The utilization of advanced technology as a diagnostic and management tool is emphasized. Students are precepted by physicians/acute care nurse practitioners under the direction of faculty. Settings include coronary care units, surgical intensive care units, neurology intensive care units, emergency departments. etc. Traditional Clinical Rotation (5 credit hours)

N 601-4. Pract in Adlt Geri Acute Care NP IV. This supervised 225 hours clinical practice in acute/ critical care allows the students the opportunity to refine and evaluate nursing management of patients with complex health problems. The focus of the clinical is to perfect their clinical skills including: diagnostic reasoning and decision making. This along with the clinical seminar IV is the capstone experience for this role practice. Students are precepted by physicians/acute care nurse practitioners under the direction of faculty. Settings include coronary care units, surgical intensive care units, neurology intensive care units, emergency department, etc. Traditional Clinical Rotation (5 credit hours)

N 605-1. Adlt Geri Acute Care Asmt Mgt & Eval I. This course provides the theoretical basis for advanced assessment, diagnosis, reasoning and decision making for the collaborative management and evaluation for advanced nursing
practice. Focus will be on the collaborative management of clients with acute health problems such as: diabetes, hypertension, acute renal failure, pulmonary diseases, endocrine problems, and neurological disorders etc. Traditional Lecture (2 credit hours)

**N 605-2. Adlt Geri Acute Care Asmt Mgt & Eval II.** This course provides the theoretical basis for assessment, diagnosis reasoning and decision making, in the collaborative management for advanced nursing practice. Focus will be on the collaborative management and evaluation of clients with complex acute health problems such as: acute respiratory failure, heart failure, brain attack, post surgical complications, pre, intra and post partum complications, etc. Traditional Lecture (2 credit hours)

**N 607-1. Health Policy & Population Health.** This is a role support course to explore and analyze interrelations of societal values and issues, political process, politics, and development of health policy and its impact on population health. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

**N 609. Directed Individual Study.** This didactic elective course enables the student to use individually designed learning experiences focused on selected topics in nursing to satisfy individual learning needs and interests. A mutually agreed upon contract that details objectives and evaluation methods for the experience will be developed by student and faculty. Online, Internet, or Web-based Independent Study (1 - 3 credit hours)

**N 610. Reproductive Health for Advanced Pract.** This didactic course provides the theoretical basis for assessing and managing health care patterns in women for advanced role practice in nursing as a nurse practitioner. Emphasis is placed on health promotion, screening, and prevention of illness, and management of obstetric care and of problems common in the health care of women. Online, Internet, or Web-based Lecture (3 credit hours)

**N 610-2. Reproductive Hlth for Adult NP.** This didactic course provides the theoretical basis for assessing and managing reproductive health care patterns in men and women for advanced role practice in nursing as an adult gerontology nurse practitioner. Emphasis is placed on health promotion, screening, prevention of illness, and management of problems common in the reproductive health care of men and women. Online, Internet, or Web-based Lecture (2 credit hours)

**N 610-3. Childbearing Hlth Care for the Adv NP.** This didactic course provides the theoretical basis for assessing and managing childbearing conditions in women for advanced role practice in nursing. Emphasis is placed on health promotion, screening, prevention of illness, and management of problems common in the childbearing phases of a woman’s life including preconception, prenatal, and post-partal care. Online, Internet, or Web-based Lecture (1 credit hours)

**N 612. Therapeutic Management Pediatric Client.** This course provides a foundation and clinical application of the care of clients from birth through adolescence. Topics will include well child management in addition to management of selected illnesses common to this age group. Family theory and its relationship to health care management will be explored. Online, Internet, or Web-based Lecture/Lab (2 credit hours)

**N 612-2. Therapeutic Mgmt of Pediatric Client II.** This role support course provides the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of pediatric health problems in the pediatric chronic care setting as a pediatric nurse clinician. Emphasis is placed on the collaborative management of pediatric clients with chronic health problems. Traditional Lecture (2 credit hours)

**N 612-3. Therapeutic Mgmt of Pediatric Client III.** This role support course provides the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of pediatric health problems in the pediatric acute care setting as a pediatric nurse clinician. Emphasis is placed on the collaborative management of pediatric clients with acute health problems. Traditional Lecture (2 credit hours)
N 612-4. Therapeutic Mgmt of Pediatric Client IV. This role support course provides the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of pediatric health problems in the pediatric critical care setting as a pediatric nurse clinician. Emphasis is placed on the collaborative management of pediatric clients with critical health problems. Traditional Lecture (2 credit hours)

N 613. Found of Nurse Educ Role & Teach Meth. This role support course encourages the educator student to use critical thinking, creativity, and research outcomes to develop expertise in the design and delivery of instructional strategies. Learning theories, as well as other selected principles and theories associated with the educator role, are emphasized. The roles of the nurse educator as scholar, collaborator, and educator are explored. Online, Internet, or Web-based Lecture (1 - 3 credit hours)

N 614-1. Nurse Educator Practicum I (2hr). This course is the first of three practicum courses that gives the graduate learner an opportunity to develop and practice advanced skills in teaching and communication in academic, hospital or community environments with an emphasis in the academic setting. The graduate learner will apply theoretical knowledge in the delivery of nursing education to individuals, groups, families and communities. (90 clinical hours) Traditional Practicum/Internship (2 credit hours)

N 615-1. Education Tech & Health Care Informatics. This course provides an overview of current technologies used for instructional design, delivery, and evaluation in nursing education and technologies used to deliver, enhance, integrate, and coordinate patient care. Opportunities for using and evaluating current nursing education and healthcare technologies are incorporated in the course. Principles of data management for provision of evidence-based care and health education are explored along with the use of electronic health records to improve patient care. Online, Internet, or Web-based Lecture (3 credit hours)

N 616-1. Curriculum & Pgm Development & Eval. This role support course facilitates the application of nursing and educational theories, concepts, and models in the design and evaluation of nursing curricula and programs. Societal influences and acquisition of new knowledge in nursing and related disciplines are analyzed in relation to curriculum and program development and evaluation in nursing. This course provides the student an opportunity to design data collection and analysis strategies used in evaluation processes. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 617. Informatics & Health Care Technology. This course provides an overview of the use of technologies to deliver, enhance, integrate, and coordinate care; data management to analyze and improve outcomes of care; health information management for evidence-based care and health education; and facilitation and use of electronic health records to improve patient care. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (1 credit hours)

N 618. Focus on Adv Nsg Pract Spec (Neonatal). This didactic course provides an in depth examination of human genetics, embryologic development and normal physiologic functioning of developing body systems. The structural and functional development of fetal systems during critical growth periods is emphasized, and environmental factors that influence the structural and functional development of fetal systems are discussed. This course will build a foundation essential for the assessment, planning and evaluation of the health of neonatal clients. Traditional Lecture (2 credit hours)

N 620-1. Direct Care Role of the Ns Edu (Prac II). This course is the second of three courses that gives the graduate learner an opportunity to implement and evaluate, and plan the delivery of educational content to individuals, groups and communities. The emphasis is on teaching practice in hospital settings with multiple delivery modalities and measuring outcomes of planned instructional strategies in the practice setting. (90 clinical hours) Traditional Practicum/Internship (2 credit hours)

N 625. Educator Practicum III. This capstone practicum provides the graduate learner opportunities to implement the nurse educator role components of teacher, scholar and collaborator with a preceptor in a selected educational setting. Opportunities are provided to utilize theoretical knowledge of evaluation processes to critically examine curriculum and
program components and learning outcomes. Self-assessment and strategies for transition to the educator role are incorporated. The emphasis is on teaching practice in multiple settings with multiple delivery modalities. (180 clinical hours) Traditional Clinical Rotation (4 credit hours)

N 627-4. Clin Mgt of Adults & Older Adults I. This course is focused on the principles of adult health, advanced clinical assessments of adults and older adults of diverse cultures, issues in the care of adults and older adults with emphasis on wellness, prevention, health maintenance, and early health care interventions. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

N 627-5. Clin Mgt of Adults & Older Adults II. This course is focused on the diagnosis and treatment of acute and chronic illnesses, common geriatric syndromes, and complex health problems of adults and older adults of diverse cultures, including frail and demented older adults in rural settings. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 627-6. Clin Mgt of Adults & Older Adults III. This course is focused on synthesis of theory into evidence-based gerontological advanced nursing practice with adults and older adults and their families of diverse culture, integration of NP roles, and professional practice in selected rural health care systems. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

N 628-4. Prac in Clin Mgt Adlts & Older Adlts I. This 180-hour practicum course is focused on advanced clinical assessments of adults and older adults from diverse cultures, with emphasis on wellness, prevention, maintenance, and early interventions in rural health care settings. Traditional Clinical Rotation (3 - 4 credit hours)

N 628-5. Prac in Clin Mgt Adlts & Older Adlts II. This 180-hour practicum course is focused on the diagnosis and treatment of acute and chronic illnesses, common geriatric syndromes, and complex health problems of adults and older adults of diverse cultures, with emphasis on advanced health care interventions with frail and demented adults and older adults in rural health care settings. Traditional Clinical Rotation (2 - 4 credit hours)

N 628-6. Prac in Clin Mgt Adlts & Older Adlts III. This 270-hour practicum course is focused on synthesis of theory into evidence-based advanced nursing practice with adults and older adults and their families of diverse cultures, integration of AGNP roles, and practice management in selected rural health care systems. Traditional Clinical Rotation (4 - 6 credit hours)

N 629-1. Advanced Neonatal Nursing I. This didactic course addresses the complete neonatal assessment process including prenatal thorough neonatal history and neonatal physical examination. Neonatal pharmacology, common neonatal diagnostic and laboratory testing and invasive procedures are also examined as well as family function, dynamics, crisis theory and the grieving process are surveyed. Traditional Lecture (3 credit hours)

N 629-2. Advanced Neonatal Nursing II. This didactic course will provide a thorough understanding of the pathophysiology and management of common disease processes in the neonatal (preterm and term infants). This course will focus on the cardiovascular, pulmonary, gastrointestinal/nutrition, renal/genitourinary, and hematologic systems as well as fluid and electrolytes. Furthermore, this course will assist in developing the role of the neonatal nurse practitioner in the neonatal intensive care nursery (NICU), especially in emergency situations. Traditional Lecture (4 credit hours)

N 629-3. Advanced Neonatal Nursing III. This didactic course will provide a thorough understanding of the pathophysiology and management of common disease processes in the neonate (preterm and term infants). This course will focus on the endocrine and metabolic, immune, neurobehavioral, musculoskeletal, eyes/ears/nose/throat and dermatologic systems. Furthermore, this course will include discharge planning and follow-up care for the high-risk neonate. Traditional Lecture (4 credit hours)

N 632. Discipline of Nursing. This core course involves the study of knowledge shared among members of the discipline, the patterns of knowing and knowledge development, criteria for evaluating knowledge claims, and philosophy of
science. The course is aimed at enabling graduate students to become knowledgeable about approaches to the study of disciplines and scientific knowledge development. The inter-relationship between theory, research, and practice is examined through discussions and critique of selected theories relevant for nursing. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (2 credit hours)

**N 633. Research Design & Meth for Adv Nurs Prac.** This core course is focused on understanding and using research designs and methods to support clinical practice. It provides the knowledge base for research problem identification, the ethical conduct of research, synthesis of research literature, critical analysis of research design, methods and data analysis for utilization in practice. In this course, students will identify practice questions for scholarly projects in role-specific courses. Online, Internet, or Web-based Lecture (2 credit hours)

**N 634-1. Practicum I: Neonatal Ns Practitioner.** This clinical role support course provides the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of pediatric health problems in the neonatal health care setting as a neonatal nurse practitioner. Traditional Clinical Rotation (2 credit hours)

**N 634-2. Practicum II: Neonatal Ns Practitioner.** This second clinical role support course will continue to provide the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of specific health problems in the neonatal health care setting as a neonatal nurse practitioner. Focus of care on the neonates will be related to the cardiovascular, pulmonary, gastrointestinal/nutrition, renal/genitourinary, and hematologic systems as well as emergency situations that arise in the neonate. Traditional Clinical Rotation (3 credit hours)

**N 634-3. Practicum III: Neonatal Ns Practitioner.** This third clinical role support course will continue to provide the theoretical basis for advanced assessment, diagnostic reasoning, and collaborative management of specific health problems in the neonatal health care setting as a neonatal nurse practitioner. Focus of care on the neonates will be related to the endocrine/metabolic, immune, neurobehavioral, musculoskeletal, eyes/ears/nose/throat, and dermatologic systems that arise in the neonate as well as discharge planning and follow-up care for the high risk neonate and family. Traditional Clinical Rotation (3 credit hours)

**N 634-4. Residency Program.** This final course provides concentrated clinical experiences as students synthesize theory, knowledge, and skills from previous courses within the neonatal nurse practitioner scope of practice. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client groups in collaboration with preceptors and other health care professionals in the critical care setting to further develop expertise relevant to the assessment and management of groups of neonates and infants through 2 years of age. Traditional Practicum/Internship (1 - 7 credit hours)

**N 637. Advanced Physiology/Pathophysiology.** This course provides the graduate student with an understanding of human physiological and pathophysiological processes. A human body systems approach will be used in the presentation of physiologic concepts and adaptations and alterations which occur in selected disease states across the life span. This course will build a foundation essential for planning and evaluating health care and health care outcomes and serves as a basis for understanding the rationale for assessment and intervention that is taught in the advanced nursing courses. This online course is delivered through synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

**N 638-1. Synthesis 1st Yr Nurse Practitioner Mgt.** This elective course will offer students the opportunity to synthesize information from prerequisite courses using a case study approach. Online, Internet, or Web-based Lecture (1 - 3 credit hours)

**N 638-2. Clinical Elective for Advanced Practice.** This precepted clinical course provides the student an opportunity to practice in the role of advanced nurse practitioner and begin to establish the skills necessary to assume responsibility for management and health care of clients. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, differential diagnosis, evaluation and health care management with select client
groups in collaboration with preceptors and other health care professionals. Traditional Practicum/Internship (1 - 5 credit hours)

**N 640. Project Management.** In this course students learn the principles and fundamentals of project management necessary to achieve objectives in healthcare organizations. Special emphasis will be placed on the application of leadership skills, overcoming objections, achieving buy-in, conflict management, negotiation skills and working with diverse groups of individuals. Through case studies and various exercises, students will use tools and techniques to gain experience in single and multi-project management. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

**N 641. Fiscal and Operations Management.** Students learn how effective operations management is essential to achieving a favorable patient care experience and the financial health of an organization. Using quantitative and qualitative measures, students will study how to reduce cost and improve quality related to the conversion of resources into desired healthcare services and products. This online course is delivered through synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

**N 644. Human Resource Management.** This role support course is designed to increase students’ knowledge and application of concepts, theories, and models of human resource management. Emphasis is on the analysis of structural and behavioral systems, human resources process systems, and human resources outcomes. Online, Internet, or Web-based Lecture (3 credit hours)

**N 646. Organizational Leadership & Communication.** This course is designed to increase students' knowledge and application of concepts, theories and models in communication for organizational leadership, problem solving, and decision making. The course emphasizes communication as a tool for organizational effectiveness and leadership. The content focuses on self awareness/knowledge, communication within complex adaptive systems, communicating for organizational effectiveness, facilitating difficult conversations and managing conflict. Online, Internet, or Web-based Lecture (3 credit hours)

**N 652-1. Finance & Ldrshp in Hlth Care Systems.** The course focuses broadly on leadership principles and their application at the micro and macro levels. This introduction to leadership is followed by the essential accounting and financial management principles and concepts relevant to management of health services organizations. Online, Internet, or Web-based Lecture (3 credit hours)

**N 658. Strategic Management.** This role support course is designed to provide the student with the opportunity to describe, analyze, and apply the strategic management process. Emphasis is placed on understanding and using tools and techniques such as SWOT analysis, matrix analysis, flow charts and performance measures to analyze a health care system. Online, Internet, or Web-based Lecture (3 credit hours)

**N 659. Residency in Nsg & Hlth Care Adm Role.** The residency provides a structured field experience in an administrator role. The student will have an opportunity to apply theories, principles and techniques learned in the didactic portion of the program in a selected health system under the guidance of an experienced preceptor and faculty advisor. (75 clinical hours per credit hour - total 525 clinical hours) Traditional Clinical Rotation (1 - 7 credit hours)

**N 660. Focus on Adv Nsg Practice Spec (Peds).** This didactic course provides a foundation for the role of pediatric nurse practitioners to survey the normal growth and development and expected developmental milestones of the pediatric client from conception through adolescence. This course will build a foundation essential for the assessment, planning and evaluation of the health in the pediatric clients as well as the assessment for pediatric clients. Traditional Lecture (2 credit hours)

**N 661-1. Practicum for Pediatrics I.** This course provides a foundation and clinical application of the care of clients from birth through adolescence in the primary care setting. Emphasis is placed on health promotion, screening, and prevention of illness and management of selected client health problems in the pediatric client. Traditional Clinical Rotation (2 - 4 credit hours)
N 661-2. Practicum for Pediatrics II. This course provides opportunities for the graduate student to develop expertise in the role of the pediatric nurse practitioner in the chronic care setting. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client group in collaboration with preceptors and other health care professionals. Traditional Clinical Rotation (4 credit hours)

N 661-3. Practicum for Pediatrics III. This course provides opportunities for the graduate student to develop expertise in the role of the pediatric nurse practitioner in the acute care setting. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client groups in collaboration with preceptors and other health care professionals. Traditional Clinical Rotation (4 credit hours)

N 661-4. Practicum for Pediatrics IV. This course provides opportunities for the graduate student to develop expertise in the role of the pediatric nurse practitioner in the critical care setting. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client groups in collaboration with preceptors and other health care professionals. Traditional Clinical Rotation (4 credit hours)

N 661-5. Residency Program. This final clinical course provides concentrated clinical experiences in the primary, acute, chronic, and critical care settings to prepare for entry level functioning in the dual role of the acute/primary care nurse practitioner. This course will assist the pediatric nurse practitioner student to assume responsibility for the direct management and health care in these areas specific to this dual advanced nurse clinician role. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client groups in collaboration with preceptors and other health care professionals in the primary, acute, chronic and critical care settings. Traditional Practicum/Internship (1-7 credit hours)

N 666. Clinical Pharmacotherapeutics. This course provides a foundation and clinical application of pharmacotherapeutic interventions commonly prescribed for healthy and ill individuals across the life span. Emphasis is placed on pharmacokinetic and pharmacodynamic principles along with integration of the use of these products including variations for selected special populations specific to the clinical track of study and client characteristics. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 669. Role Dev & Role Enact Adv Role Prac Nsg. In this role course, enactment of advanced role practice in nursing is studied. Course will focus on the continued development of knowledge for role development and implementation. This online course is delivered utilizing synchronous and asynchronous distance learning modalities. Online, Internet, or Web-based Lecture (3 credit hours)

N 677. Advanced Health Assessment. This course focuses on the theoretical basis of performing a physical assessment on the individual throughout the life span. Students will acquire advanced knowledge and skills necessary to perform physical assessments. The emphasis is on mastering interviewing, history taking, and advanced physical assessment skills. Traditional Lecture (3 credit hours)

N 682-1. Therapeutic Management in Primary Care I. This role support course provides theoretical basis for assessing and managing client health patterns for advanced role practice in nursing as a nurse clinician. Emphasis is placed on health promotion, screening, prevention of illness, and management of selected client health problems. Online, Internet, or Web-based Lecture (2 credit hours)

N 682-2. Therapeutic Management in Primary Care II. This role support course provides foundational knowledge for managing care of persons with altered health patterns relevant to advanced role practice as a nurse clinician. Altered health patterns are examined in relation to differential diagnosis, therapeutic agents and problem management. Online, Internet, or Web-based Lecture (2 credit hours)
N 682-3. Therapeutic Mgmt in Primary Care III. This course focuses on the health issues and needs of older adults and principles for evaluating, managing and coordinating their care in a variety of settings. Emphasis is on the collaborative role of advanced practice nurses in assisting older adults and family caregivers from diverse ethnic and cultural backgrounds to negotiate health care delivery systems. Online, Internet, or Web-based Lecture (2 credit hours)

N 685-1. Practicum in Primary Care I. This course provides opportunities for the graduate student to develop expertise in the role of the family nurse practitioner. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management for the subset of women's health client groups in collaboration with preceptors and other health care professionals. (90 clinical hours) Traditional Clinical Rotation (1 - 2 credit hours)

N 685-2. Practicum in Primary Care II. This course provides opportunities for the graduate student to develop expertise in the role of family nurse practitioner. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management for the subset of pediatric client groups in collaboration with preceptors and other health care professionals. (135 clinical hours) Traditional Clinical Rotation (2 - 3 credit hours)

N 685-3. Practicum in Primary Care III. This course provides opportunities for the graduate student to develop expertise in the role of the family nurse practitioner. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management for the subset of primary care client groups in collaboration with preceptors and other health care professionals. (180 clinical hours) Traditional Clinical Rotation (2 - 4 credit hours)

N 685-4. Practicum in Primary Care IV. This course provides opportunities for the graduate student to develop expertise in the role of the family nurse practitioner. Through a learning contract developed with faculty, the student uses advanced knowledge and skills for assessment, diagnosis, and problem management with select client groups in collaboration with preceptors and other health care professionals. (225 clinical hours) Traditional Clinical Rotation (3 - 5 credit hours)

N 686-1. Practicum in Clinical Assess MHP I Fam. This 180-hour practicum course is focused on the application of theoretical concepts and assessment skills with persons of diverse cultures in rural health care settings experiencing or at risk for common mental health problems and major psychiatric disorders. Traditional Clinical Rotation (4 credit hours)

N 686-2. Practicum in Clinical Mgt of Indiv w/MH. This 180 hour practicum course is focused on integration of theory and practice in assessment, diagnosis, intervention, and documentation of individuals of diverse cultures in rural settings experiencing mental health problems, major psychiatric disorders, and psychiatric complications of physical illnesses. Traditional Clinical Rotation (4 credit hours)

N 686-3. Practicum in Clinical Mgt of Fam and Gr. This 270-hour practicum is focused on evidence-based psychoeducation, supportive therapy, and psychotherapy with groups, couples, and families of diverse cultures and on synthesis of clinical roles, practice management activities, and strategies for complex mental health issues in rural health care settings. Traditional Clinical Rotation (6 credit hours)

N 687-1. Clinical Assessment of PMH I - Fam. This didactic course is focused on a theoretical basis for advanced psychiatric mental health nursing practice with persons of diverse cultures in rural settings experiencing or at risk for common mental health problems and major psychiatric disorders. Emphasis is on the mental health environment and advanced clinical processes, including communication strategies, psychiatric assessments, and diagnostic standards. Online, Internet, or Web-based Lecture (2 credit hours)

N 687-2. Clinical Mgmt of Indiv w/MHP II Fam. This didactic course is focused on the advanced nursing practices of assessment, diagnosis, treatment, planning, evaluation, and documentation of individuals of diverse cultures in rural settings experiencing common mental health problems, major psychiatric disorders, and psychiatric complications of physical illnesses. Online, Internet, or Web-based Lecture (3 credit hours)
N 687-3. Clinical Mgt of Fam & Group MHP III. This didactic course is focused on evidence-based conceptual models, theories, and techniques for therapies with groups, couples, and families of diverse cultures across the lifespan. The clinical roles, practice management activities, and strategies for complex mental health care issues in rural settings also are evaluated. Online, Internet, or Web-based Lecture (2 credit hours)

N 696. Directed Study in Management Research. This role support course provides an opportunity for students to apply the research process to administrative problems under the direction of a graduate faculty mentor. Focus areas of research projects include organizational behavior, costs analysis, outcomes measurement, strategic management, health policy, case management, managed care, and information systems. Online, Internet, or Web-based Lecture (1 - 3 credit hours)

N 698. Directed Study in Research. This elective allows students to participate in research activities as specified in a mutually determined learning contract. A nursing faculty member with a graduate appointment will direct all research activities. With faculty guidance, students may select to: 1) participate with a mentor (minimum master's degree preparation) in the mentor's ongoing research activities, or 2) complete individual or group research proposed in previous courses. Online, Internet, or Web-based Lecture (1 - 3 credit hours)

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