

## NURSING (NURS & NLAB)

**206. Integrating Spiritual Care into Nursing Practice.** Credit 2 hours. Focuses on integrating spiritual care into nursing practice. The course emphasizes the nursing process as a framework for assessing, planning, implementing, and evaluating spiritual care. The course emphasizes working with clients from a variety of cultures and religions to better understand, communicate, and support spiritual care. The course explores strategies for promoting the spiritual health of clients through facilitating rituals, religious practices, and nurturing spirituality through verbal and written communication, art and other forms of creative expression. (As Needed)

**213. First Aid for Rural Medical Emergencies (F.A.R.M.E.).** Credit 3 hours. The course emphasizes the training and education of students to appropriately teach community members risk factor recognition, first responder care, and injury prevention of rural and/or farm-related injuries, with emphasis on application of C.A.R.E. Model for emergency response. (As Needed)

**214. Medical Terminology.** Credit 3 hours. Focuses on the meaning of medical terms in specific context and their use in health related practice. Provides a base upon which to build a larger vocabulary. (Fall, Spring)

**215. Death, Dying and the Grieving Process.** Credit 3 hours. Prerequisite: Permission of the Department Head. The course focuses on identifying the student's feelings about death and about caring for terminally ill individuals. It explores ways of coping with feelings experienced by persons caring for dying patients. The student would explore approaches to be used in assisting individuals to a peaceful death as well as assisting families of dying patients. (As Needed)

**216. Prior Learning Assessment in Nursing.** Credit 3 hours. Prerequisites: English 102 and permission of Undergraduate CALL Coordinator. Utilizes learning theories and reflection techniques to assist students to identify and evaluate previous learning outside the traditional classroom such as work, volunteer or military experiences. Students will create a professional portfolio to document college-level experiential learning. Only open to CALL students. (Fall, Spring)

**217. Dosage Calculations for Nursing.** Credit 1 hour. Prerequisites: ENGL 102, Math 155 or 161, CHEM 107 with a grade of "C" or better, and sophomore standing. This course focuses on learning drug calculations necessary for nursing practice. Topics include systems of measurement, routes of administration, calculation formulas, medication symbols and abbreviations, IV flow rates, and calculations for special populations. Strong math skills are necessary and emphasized. (Fall, Spring)

**233. Introduction to Pharmacology.** Credit 3 hours. Prerequisites: Zoology 250, 251, Chemistry 101 or 121, or permission of the Dean. Introduces principles of drug therapy for individuals across the life span. Focuses on pharmacological agents in relation to pharmacokinetic effects on body systems and therapeutic usage. (As Needed)

**234. Professional Development Transition.** Credit 4 hours. Focuses on socializing the Licensed Practical Nurse to the discipline of nursing. Introduces concepts that are essential in developing characteristic behaviors of professional nurses. Stresses the role of the professional nurse as an advocate in ethical, legal, and political health care trends. (Summer)

**235. Professional Development Transition: RN to BS in Nursing.** Credit 1 hour. Prerequisite: Open to RNs holding associate degrees or diplomas of nursing. To facilitate the socialization of the Associate Degree/Diploma RN to the professional values and value-based behaviors of baccalaureate nursing. Focuses on the professional framework for nursing practice and stresses the core competencies, knowledge and role development of professional nursing. (Fall, Spring)

**300. Topics in Nursing.** Credit 1-3 hours. Prerequisites: Completion of Nursing 334, Registered Nurse status or permission of the Department Head. The study of selected issues in Nursing. Topics will be determined each semester based on current issues and trends in nursing. May be repeated for a maximum of 6 hours credit if different topics are studied. One to three hours of class a week, variable. (As Needed)

**304. Healthcare Informatics.** Credit 3 hours. Prerequisites: Junior level standing in nursing major curriculum or permission of the Dean. An online instructional offering that allows students to develop and evaluate applications, tools, processes, and structures which assist nurses with the management of data in taking care of patients and supports the practice of professional nursing. (Fall, Spring)

**305. Clinical Practice Competency I.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 315. Guides students in the application of theory to clinical practice in the development of cognitive, psychomotor, communication, and affective skills necessary for the implementation of therapeutic interventions, using safe, effective, and financially responsible practices to promote, maintain, and restore the health of individuals, families, groups, and communities. Provides opportunities to develop and refine clinical practice skills related to hygiene, safety, body mechanics, oral/topical/intravenous medications, obtaining vital signs, injections, sterile technique, oxygenation, nasogastric tubes, catheterization, and bowel elimination. Three hours of laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**306. Camp Nursing.** Credit 3 hours. Prerequisites: Completion of all 300-level required nursing courses, Registered Nurse status, or permission of the Department Head. Provides an overview of the role of the nurse, scope of practice, and health issues in camp settings. Assists students in identifying nursing skills needed for implementing nursing interventions in the camp setting and explores the diversity of camp opportunities for nursing practice. Fifteen classroom hours and 60 laboratory hours. (Summer)

**313. Study of Human Diseases.** Credit 3 hours. Prerequisites: GBIO151, BIOL 152, ZOO 250/252, ZOO 251/253, HS 132 or 133. The course builds upon a student's understanding of human anatomy and integrates the study of human disease with focus on the risk factors, clinical manifestations, pathology, and prevention. Common disease states in the adult population will be studied. The intent of the course is to prepare health educators to identify, screen, and teach populations at risk. (As Needed)

**314 [222]. Health Assessment of the Individual.** Credit 2 hours. Prerequisite: Formal acceptance for progression in nursing curriculum. Concurrent enrollment in Nursing 315 and 328 encouraged but not required. Focuses on skills necessary to assess the individual as a multidimensional, balanced expression of bio-psycho-social-cultural-spiritual well-being. Emphasizes theory-based approaches and techniques for data collection from persons across the life span. (Fall, Spring)

**315 [224]. Health Assessment of the Individual Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 314 and 328. Develops assessment skills using theory based approaches and techniques for data collection from persons across the life span. Three hours laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**319 [231]. Pathophysiology and Pharmacology I.** Credit 3 hours. Prerequisite: Formal acceptance for progression in nursing curriculum. Introduces the basics of pharmacology and focuses on specific pharmacological agents in relation to pharmacokinetic effects on body systems. Examines selected diseases and recommended drug therapies. The course builds on the student's understanding of human anatomy and other sciences which contribute to the scientific basis for professional nursing practice. (Summer, Fall, Spring)

**328 [232]. Clinical Practice Competency Lab I.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 334. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, and affective skills necessary for the implementation of therapeutic interventions, using safe, effective, and financially responsible practices, to promote, maintain, and restore

health of individuals across the lifespan. Provides opportunities to develop and refine clinical practice skills related to hygiene, safety, body mechanics, oral/topical medications, protective barriers, and obtaining vital signs. A Laboratory fee is required for this course. (Fall, Spring)

**331. Pathophysiology and Pharmacology II.** Credit 3 hours. Prerequisite: Completion of Nursing 334. Examines selected disease processes and related drug treatment modalities. Builds on the student's understanding of the principles of pharmacology and pathophysiology, the nursing process, and the biological sciences. (Summer, Fall, Spring)

**332 [226]. Health Assessment of Families/Groups/Communities.** Credit 1 hour. Prerequisite: Formal acceptance for progression in nursing curriculum and concurrent enrollment in or prior credit for Nursing 328 and 334. Focuses on families and communities as clients. Provides learning opportunities that will enable the student to view persons as members of large social systems. (Fall, Spring)

**333. Orientation to the Roles of the Professional Nurse. Credit 3 hours.** Prerequisites: ENGL 102 with a "C" or better and sophomore standing. Focuses on socializing students to the discipline of nursing. Provides an overview of the mission of the School of Nursing, organizing concepts and desired outcomes of the baccalaureate-nursing program. Explores theories of nursing which serve as models for nursing practice. Describes the dimensions of the various roles of the professional nurse. Stresses the role of the professional nurse as an advocate in ethical, legal, and political health care trends and issues. Assists students in examining personal values and career goals and in developing an appreciation for persons with varying cultural backgrounds within the context of the professional nurse role. (Fall, Spring)

**334 [228]. Health Assessment of Families/Groups/Communities Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 332 and 328. Using recognized community and family assessment tools, the student will gather and analyze data leading to recognition of population focused problems and their impact on individual, family and community. Three hours laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**335. Clinical Practice Competency Lab II.** Credit 1 hour. Prerequisites: Nursing 305 and concurrent enrollment in or prior credit for Nursing 372 and 375. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, and interpersonal communication skills necessary for the implementation of safe and cost effective interventions to promote, maintain, and restore the health of individuals, families, groups, and communities. Provides opportunities to develop and refine previously learned and new clinical practice skills related to intravenous therapy, surgical asepsis, oxygenation, and cardiovascular monitoring. Three hours of laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**360. Essentials of Cultural Competence in Nursing Care.** Credit 3 hours. Prerequisite: Completion of Nursing 334. Designed to develop competence in providing culturally congruent nursing care to individuals and families from diverse cultural groups. Examines several theoretical frameworks for assessing beliefs, values, and practices pertaining to health. Emphasizes essential knowledge and skills required to plan and implement culturally competent nursing care across the life span. (As Needed)

**371. Foundations of Nursing Practice.** Credit 2 hours. Prerequisite: Completion of Nursing 334. Concurrent enrollment in Nursing 373 and 381 encouraged, but not required. Explores the nursing process as a problem-solving tool utilized in communicating, gathering data, interpreting evidence, analyzing viewpoints, and forming judgments in clinical situations. Introduces concepts that are essential in developing foundational principles of nursing. Builds on the student's understanding of nursing assessment and pathopharmacology for a variety of clients. A Laboratory fee is required for this course. (Fall, Spring)

**372. Adult Health Nursing.** Credit 2 hours. Prerequisites: Nursing 373. Concurrent enrollment in or prior credit for Nursing 374 and 380 encouraged, but not required. Focuses on the nursing care of young and middle-aged adults to promote, maintain, and restore health. Emphasizes the nursing process to examine biological, psychosocial, and cultural influences on health-care needs of individuals, families, and groups in a community. Focuses on collaboration of the client, the client's family, and the health care providers in a variety of health care settings. A Laboratory fee is required for this course. (Fall, Spring)

**373. Foundations of Nursing Practice Lab.** Credit 3 hours. Prerequisite: Completion of Nursing 334 and concurrent enrollment in or prior credit for Nursing 331, 371, and 381. Utilizes the nursing process to communicate, gather data, interpret evidence, analyze view points, and form judgments in clinical situations. Nine hours laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**375. Gerontological Nursing.** Credit 2 hours. Prerequisite: Nursing 331, 371, 373, and 381. Concurrent enrollment in Nursing 377 and 380 encouraged, but not required. Focuses on therapeutic nursing interventions used to promote, maintain and restore health in older adult clients. Provides students with an opportunity to expand their knowledge of the normal aging process; to identify variables contributing to deviations in health; to discuss how available formal and informal resources contribute to the older adult's health status; and to examine implications for working collaboratively with the individual, family, and community to meet health care needs. (Fall, Spring)

**376. Professional Role: Advocate.** Credit 2 hours. Prerequisite: Completion of Nursing 334 or permission of the Department Head. Focuses on the role of the professional nurse as an advocate for the client of varying age groups. Emphasis on social policy, standards of care, values, standards of professional performance, ethics, legalities, and cultural competency. (As Needed)

**378. Research in Nursing.** Credit 2 hours. Prerequisite: Completion of Nursing 334 or permission of the Department Head. Focuses on fundamental concepts and progress of nursing research. Emphasizes nursing research as a basis for evidence-based practice. Students will examine major steps in the research process, formulate research questions relevant to clinical nursing, practice, and critique nursing research reports. (Fall, Spring)

**381. Clinical Practice Competency II Lab.** Credit 1 hour. Prerequisite: Completion of Nursing 334 and concurrent enrollment in or prior credit for Nursing 371 and 373. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families, groups, and communities. Provides opportunities to develop and refine clinical practice skills related to injections, intravenous therapy, sterile technique, oxygenation, naso-gastric tubes, catheterization, and bowel elimination. A Laboratory fee is required for this course. (Fall, Spring)

**382. Adult and Gerontological Nursing Lab.** Credit 6 hours. Prerequisites: Nursing 373 and concurrent enrollment in or prior credit for Nursing 372, 375, 383, and 380, or permission of the Department Head. Course focuses on the clinical application of the nursing process to promote, maintain, and restore health in young, middle-aged, and elderly adult clients with a variety of health care needs. This course provides clinical experiences in acute and community settings, enabling students to develop critical thinking decision making, and communication skills. Eighteen hours of laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**383. Psychiatric Mental Health Nursing.** Credit 2 hours. Prerequisites: Completion of Nursing 373 or permission of the Department Head. The focus of this course is on the acquisition of knowledge necessary to meet the standards of psychiatric/mental health nursing practice in the care of patients across the life span. It also provides students the opportunity to develop a foundation for clinical decision making, which encompasses significant nursing interventions in providing developmentally appropriate and culturally relevant psychiatric/mental health nursing care. (Fall, Spring)

**384. Pain Management in Diverse Populations.** Credit 3 hours. Prerequisites: Completion of NLAB 382, RN status or with permission of the Department Head. This course focuses on the existence and scope of suffering that is caused by various types of pain. Standards of client

care in the clinical management of pain will be introduced. The physiology, causes, measurement and treatment of pain will be discussed. Pharmacological and non-pharmacological treatment of pain, including invasive and non-invasive measures, and multi-disciplinary management will be addressed. The management of pain in special populations will be emphasized. (As Needed)

**385. Preparing Nurses for Disaster Management.** Credit 3 hours. Concurrent enrollment in or prior credit for Nursing 334 or permission of the Department Head. A component of this course is a product of the U.S. Department of Homeland Security's Office of Grants and Training and was developed by the National Domestic Preparedness Consortium. It standardizes the minimum Weapons of Mass Destruction (WMD) awareness level learning objectives and establishes a common baseline to ensure nationwide consistency in WMD education and training. Additionally, this course expands upon WMD awareness level learning to include disaster management preparation for vulnerable populations and interventions at the local level.(As Needed)

**386 [380]. Clinical Practice Competency III Lab.** Credit 1 hour. Prerequisites: Nursing 381 and concurrent enrollment or prior credit for Nursing 372 and 375. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, and interpersonal communication skills necessary for the implementation of safe and cost effective interventions to promote, maintain, and restore the health of individuals, families, groups, and communities.. Provides opportunities to develop and refine previously learned and new clinical practice skills related to intravenous therapy, surgical asepsis, oxygenation, and cardiovascular monitoring. A Laboratory fee is required for this course. (Fall, Spring)

**390. NCLEX-RN Review Course.** Credit 3 hours. Prerequisites: NLAB 473 and 477 or Permission of the Dean. Facilities review of systems, synthesis, of knowledge, and application of standards of care in nursing practice. Emphasis is placed on the framework of client needs as selected for the NCLEX-RN exam. Client needs provide universal structure for defining nursing actions and competencies across all setting for all clients. (As Needed)

**403. Clinical Competency Lab III.** Credit 1 hour. Prerequisites: Completion of all 300-level nursing courses and concurrent enrollment in or prior credit for Nursing 471 and 475. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills for newborns, neonates, children, adolescents, and childbearing families. Three laboratory hours per week. A Laboratory fee is required for this course. (Fall, Spring)

**428/528. The Management of Health Services Organizations.** Credit 3 hours. Prerequisite: Graduate level standing or permission of the Dean. Examines management concepts, principles, and function in relation to managerial roles, health services organizations (HSOs) and delivery systems issues. Designed for students engaged in formal study in a health care or management area or for current managers who wish to supplement their experience of managing health services organizations. An additional research assignment is required for graduate students.(As Needed)

**451/561. International Nursing: Roles and Issues.** Credit 3 hours. Prerequisite: Completion of all 300 level courses. Focuses on recognition of professional nursing roles and healthcare issues in countries worldwide. Topics include the impact of international and governmental developments upon healthcare systems, healthcare consumers, and professional nurses' practice environments. Three classroom hours per week. (As Needed)

**471. Nursing Care of the Childbearing Family.** Credit 2 hours. Prerequisites: Completion of all required 300 level nursing courses. Concurrent enrollment in Nursing 473 and 481 encouraged, but not required. Focuses on the care of childbearing families and neonates that enables students to provide nursing care to the childbearing family during the antepartal, intrapartal, postpartal, and neonatal time periods. Content reflects both normal and high-risk conditions of pregnancy and the neonate with emphasis on utility of the nursing process. Relationships between concepts of individual and environment are examined to determine the effects on the health and care of the family. Patient safety, quality improvement, and health care policy are also integrated throughout the course to reflect current standards of care. A Laboratory fee is required for this course. (Fall, Spring)

**473. Nursing Care of the Childbearing Family Lab.** Credit 3 hours. Prerequisites: Completion of all required 300 level Nursing courses and concurrent enrollment in or prior credit for Nursing 471 and 481. Provides clinical practice opportunities to synthesize nursing knowledge, use of the nursing process, and to reflect on learning experiences during the care of childbearing families and neonates. Focuses on therapeutic nursing interventions including patient care technologies, information systems and communication devices to promote, maintain, and restore families' health during the childbearing period. Provides activities for students to further develop critical thinking, decision-making, and communication skills. Includes learning experiences in a variety of health care settings with attention to existing health care policies and regulatory guidelines. A Laboratory fee is required for this course. (Fall, Spring)

**475. Nursing Care of Infants, Children, and Adolescents.** Credit 2 hours. Prerequisite: Completion of all 300 level Nursing courses. Concurrent enrollment in or prior credit for Nursing 477 and 481 encouraged, but not required. Focuses on the nursing care of infants, children, and adolescents to promote, maintain, and restore health. Synthesizes knowledge of child development and family dynamics to examine the biological and psycho-social parameters, legal and ethical dimensions, resources, and cultural influences affecting nursing care strategies for infants, children and adolescents.(Fall, Spring)

**477. Nursing Care of Infants, Children, and Adolescents Lab.** Credit 3 hours. Prerequisites: Completion of all required 300 level Nursing courses and concurrent enrollment in or prior credit for Nursing 475 and 481. Provides clinical practice opportunities to synthesize nursing knowledge, evaluate use of nursing process, and reflect on learning experiences during the care of infants, children, and adolescents. Focuses on therapeutic nursing interventions to promote maintain, and restore health. Provides activities for students to further develop critical thinking skills, decision making skills, and communication skills. Includes clinical learning experiences in a variety of health care settings. Nine laboratory hours a week. A Laboratory fee is required for this course. (Fall, Spring)

**479. Professional Nurse Role: Manager.** Credit 2 hours. Prerequisite: Final semester or permission of department head. Focuses on the knowledge and skills related to the delivery of health services with a nursing management context to provide the student an understanding of the knowledge base for the professional nurse. Presents theories, concepts, and models of health care delivery. Students explore creative roles for managing and leading in nursing. Provides students theoretical knowledge and skills to understand organizations, identify leadership theories, and utilize critical thinking in reaching nursing management decisions.(Fall, Spring)

**481. Clinical Practice Competency IV Lab.** Credit 1 hour. Prerequisites: Completion of all 300 level nursing courses and concurrent enrollment in or prior credit for Nursing 471 and 475. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills for newborns, neonates, children, adolescents, and childbearing families. Three laboratory hours a week. A Laboratory fee is required for this course. (Fall, Spring)

**482. Promoting a Healthy Community.** Credit 1 hour. Prerequisite: Nursing 473 and 477; and concurrent enrollment in Nursing 488. Focuses on the caregiver/manager role of the professional nurse in working with groups, communities and populations with emphasis on

strategies for developing, implementing, and evaluating health promotion and disease prevention interventions for target populations in a community. Explores the impact of environmental, socioeconomic, political and legislative influences on health of communities. (Fall, Spring)

**485. Professional Nursing: Transition and Trends.** Credit 1 hour. Prerequisites: Completion of all 300-level Nursing courses. Facilitates transitions from the student role to that of beginning professional nurse. Emphasizes key elements needed by the beginning professional nurse in order to assume an effective role in delivering quality care. Students explore ethical principles and core values that contribute to the development of professionalism in nursing. Opportunities for continued contributions to and advancement of the profession of nursing are investigated and reviewed. (Fall, Spring)

**486/586. Entrepreneurship in Nursing.** Credit 3 hours. Prerequisite: Junior standing or permission of the Dean. A practical approach for nurses to develop entrepreneurial skills that foster holistic patient care. Presents business opportunities in the changing health care reform era and introduces marketing skills, conflict resolution, financial and legal issues. Three hours of lecture per week. (As Needed)

**487. Advanced Concepts in Nursing Practice.** Credit 3 hours. Prerequisites: Nursing 471, 475, 479, Nursing Lab 473, 477, 481 and concurrent enrollment or prior credit for Nursing Lab 489. Provides the student with opportunities to synthesize nursing knowledge with complex patient healthcare situations. Emphasizes principles of management of: Multidimensional patient problems, quality improvement, health care economics, evidence-based practice, professional competency, and accountability. A Laboratory fee is required for this course. (Fall, Spring)

**488. Promoting a Healthy Community Lab.** Credit 1 hour. Prerequisites: Nursing 473 and 477; concurrent enrollment in or prior credit for Nursing 482. Focuses on developing, implementing, and evaluating health promotion and disease prevention interventions for a target population within a community. Collaborates with peers and members of the community to implement all phases of the nursing process within the community context informed by assessment data, socio-cultural characteristics, environmental, and political influences. Functions as a manager and provider of nursing services to a target population within a community, documenting all phases of care and disseminating outcomes of planned target population interventions. Three hours of laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**489. Advanced Concepts in Nursing Practice Lab.** Credit 5 hours. Prerequisites: Nursing 471, 473, 475, 477, 479, 481 and concurrent enrollment in or prior credit for Nursing 487. Provides opportunities to synthesize nursing knowledge, apply appropriate nursing interventions, and evaluate the use of each phase of the nursing process. Prepares students to function effectively and efficiently as professional nurses in entry level manager and caregiver roles. Fifteen hours of laboratory a week. A Laboratory fee is required for this course. (Fall, Spring)

**600. Theoretical Foundations of Advanced Nursing.** Credit 3 hours. Focus on examination of the theoretical foundations of nursing, including analysis of major theories of nursing and supporting theories as the basis for advanced practice nursing in a variety of healthcare settings and the development of a personal philosophy of nursing. (As Needed)

**602. Generating Evidence for Nursing Practice.** Credit 3 hours. Presents the logic, methods, and techniques of scientific research, using an evidence-based approach. Emphasis will be placed on critical appraisal of existing evidence, design decisions, psychometrics and appropriate statistical analyses. Students will design a research proposal applicable to nursing practice. (As Needed)

**604. Issues in Advanced Nursing Practice.** Credit 3 hours. An analysis of current issues confronting advanced practice nursing with discussion of strategies to influence health care decisions. (As Needed)

**606. Health Assessment and Diagnostic Reasoning Practicum.** Credit 1 hour. Prerequisite: Concurrent enrollment or completion of NURS 616. Clinical Practicum to apply advanced knowledge and clinical skills related to health assessment and development of individuals in groups and communities throughout the life cycle. Four practicum hours a week. A Laboratory fee is required for this course. (As Needed)

**608. Diagnostic Considerations and Psychopharmacology for Psychiatric Disorders.** Credit 3 hours. Prerequisites: Nursing 606, 616, 617, and 618. Psychopharmacological and other biological therapies currently utilized to treat specific mental illnesses based on current science and practice standards are detailed with emphasis on optimal outcomes. Diagnostic criteria within the current Diagnostic and Statistical Manual (DSM) for Psychiatric Disorders are examined. Functional brain anatomy and physiology are studied with emphasis given to those disruptions which lead to mental illness, including environmental, developmental, and genomic influences. Psychopharmacological and therapies currently utilized to treat specific mental illnesses based on current science and practice standards are detailed with emphasis on optimal outcomes and primary, secondary, and tertiary prevention. (As Needed)

**609. Population Based Primary Care.** Credit 3 hours. Prerequisites: Concurrent enrollment or completion of NURS 600. Analysis and synthesis of major theoretical, empirical, and clinical foundations of population-based health care. Populations-at-risk in culturally diverse community settings are examined with an emphasis on building advanced practice nursing competencies to assess and address unmet care and health service needs. Focus is also placed on epidemiological techniques for community assessment and program planning, implementation, and evaluation. (As Needed)

**616. Health Assessment and Diagnostic Reasoning for Advanced Practice Nursing.** Credit 3 hours. Prerequisite: Concurrent enrollment in NURS 606. Diagnostic reasoning models and theories utilizing knowledge of advanced health assessment and development of individuals in groups and communities throughout the life cycle. Emphasis on multi-generational, gender, and cultural/ethnic issues. (As Needed)

**617. Pharmacotherapeutics for Advanced Practice Nursing.** Credit 3 hours. Application of pharmacotherapeutics to management of clients across the life span. Includes natural/alternative health care, educative management strategies and expected outcomes. (As Needed)

**618. Pathophysiology for Advanced Nursing Practice.** Credit 3 hours. Advanced physiological, pathological and psychosocial practices in health promotion and disease prevention among individuals of all ages and diverse cultural/ethnic backgrounds. (As Needed)

**624. Independent Study.** Credit 1-3 hours. Prerequisite: Graduate standing and permission of the Department Head. Student works with faculty on a one-to-one basis to advance specialized knowledge and competence related to an approved area of nursing research, practice, or professional certification. May be repeated for a maximum of six credit hours if different topic areas are studied. (As Needed)

**630. Special Topics in Advanced Nursing Practice.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in advanced nursing practice. This course may be repeated once for a total of six credit hours if different topics are studied. (As Needed)

**633. Leadership and Management in Nursing Education.** Credit 3 hours. Foundational course on leadership and management of academic programs. Examines the nature of contemporary nursing education programs in institutions of higher education. (As Needed)

**634. Nursing Education Concepts and Foundations.** Credit 3 hours. Foundational course on nursing concepts and education theories that relate to nursing education. Examines the nature of contemporary nursing education. (As Needed)

**635. Curriculum and Evaluation in Nursing Education.** Credit 3 hours. Prerequisite: Nursing 634. Analysis and synthesis of theories and concepts related to curriculum development and evaluation in nursing. Emphasis is on institutional purposes, goals, curriculum design, program evaluation, and nursing research in both academic and staff development settings. Introduces curriculum development process and factors influencing curriculum development, implementation, and evaluation. (As Needed)

**636. Instructional Design in Nursing Education.** Credit 3 hours. Prerequisite: Registration or prior credit for Nursing 635. Analysis and synthesis of theories and concepts related to instructional design for nursing education and practice. Introduces instructional design methods appropriate to academic/ practice settings, including undergraduate teaching, nursing staff development, and continuing education. (As Needed)

**637. Nursing Education Practicum.** Credit 3 hours. Prerequisites: Nursing 633, 634, 635, and 636. Application of nursing education concepts to teaching through selected mentored academic/practice situations. Two hours class and 5 practicum hours per week. A Laboratory fee is required for this course. (As Needed)

**638. Advanced Clinical Concepts in Nursing Practice.** Credit 3 hours. Prerequisites: Nursing 600 and 634. Development of advanced clinical nursing competencies in a selected clinical focus area under the supervision of an approved preceptor. The clinical focus options include adult, community, medical-surgical, obstetrics, pediatrics, or psychiatric-mental health nursing. Fifteen practicum hours per week. A Laboratory fee is required for this course. (As Needed)

**639. Advanced Nursing Education Practicum.** Credit 4 hours. Prerequisites: Nursing 637 and 638. Implementation of the nurse educator role in selected mentored client care environments. One hour class and 15 practicum hours per week. A Laboratory fee is required for this course. (As Needed)

**642. Advanced Practice Nursing: Adult Psychiatric/Mental Health I.** Credit 4 hours. Prerequisites: Nursing 602, 604, 606, 616, 617, and 618. Registration in or prior credit for Nursing 608. Introduction to initial diagnostic assessment, basic individual psychotherapeutic processes, interventions, and modalities with focus on differential diagnosis, risk-analysis and clinical management of clients with common psychiatric disorders. Three hours class and 8 hours practicum per week. A Laboratory fee is required for this course. (As Needed)

**643. Advanced Practice Nursing: Adult Psychiatric/Mental Health II.** Credit 5 hours. Prerequisite: Nursing 642 and registration in or prior credit for NURS 609. Addresses advanced Psychiatric/Mental Health Nursing competencies with a focus on clinical management, intervention, and evaluation of outcomes for clients with common psychiatric disorders. Emphasis will be given to clients from vulnerable populations. Provides opportunity for clinical practice (including individual, group, family therapies, and medication management) in advanced Psychiatric/Mental Health Nursing under the supervision of approved preceptors. Three hours class 16 practicum hours per week. (As Needed)

**646. Policy, Organization, and Structure in Health Care Systems.** Credit 3 hours. Prerequisite: Nursing 600 and 602. Prepares nurse leaders for active participation in policy making for health care organizations, professional associations, and governmental agencies. Focuses on managerial decisions and influences that contribute to policy at the organizational, local, national, and international levels. (Spring)

**648. Nurse Leadership/Management in Health Care Organizations.** Credit 3 hours. Prerequisite: Nursing 600 and 602. Emphasizes key skills employed by successful nurse leaders/managers; critical thinking, effective communication, conflict resolution, delegation, team building, resource management, quality improvement, stress management, and leading change. (Spring)

**649. Health Care Workforce Management.** Credit 3 hours. Prerequisite: Nursing 600 and 602. Examination of employment relationships in the work organization, including the Human Resource Management model for health care settings. Includes employees recruitment and selection, appraisal, reward systems, training and development, and international aspects of HRM. (Spring)

**650. Family Health I.** Credit 3 hours. Co-requisite: NURS 685. Focus is on a broad set of concerns that influence the health of families. (As needed)

**654. Nurse Leadership and Administration Field Study I.** Credit 2 hours. Prerequisites: NURS 600, 602, 609, 646, 648, and 649. Development of the nurse leader role in a practicum experience under the guidance of faculty-supervised preceptors. Focus is placed on the development of a philosophy and framework for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-discipline setting. One hour class and 5 practicum hours per week. A Laboratory fee is required for this course. (Spring)

**655. Nurse Leadership and Administration Field Study II.** Credit 2 hours. Prerequisites: NURS 654, NURS 656, and NURS 658. Development of the nurse leader role in a practicum experience under the guidance of faculty-supervised preceptors. Focus is placed on formulating a philosophy, framework, and strategy for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-disciplinary setting. One hour class and 5 practicum hours per week. A Laboratory fee is required for this course. (Fall)

**656. Legal and Regulatory Issues In Nursing Administration.** Credit 3 hours. Prerequisites: NURS 600 and NURS 602. Exploration of laws, legislative processes, accrediting agencies, and ethical issues, which influence decision-making and operation of health care systems.(Fall)

**658. Fiscal and Economic Principles for Nurse Leaders.** Credit 4 hours. Prerequisites: NURS 600 and NURS 602. Examination and application of principles of budget preparation, presentation, analysis, and management in health care organization, and introduction of principles of applied health care economics. (Fall)

**659. Nurse Leadership and Administration Internship.** Credit 3 hours. Prerequisites: NURS 654 and NURS 655. Development of the nurse leader role in a practicum experience under the guidance of faculty supervised preceptors. Focus is placed on the application and evaluation of a philosophy, framework and strategy for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-disciplinary setting. Ten hours practicum per week. A laboratory fee is required for this course. (Spring)

**678. Advanced Practice Nursing Practicum.** Credit 5 hours. Prerequisites: NURS 643 or 677. Focus of the online seminar discussion is on professional role development in advanced practice. Clinical experiences are designed to focus on role development of advanced clinical competencies. Three hours class and 16 practicum hours per week. A Laboratory fee is required for this course. (As Needed)

**682. Advanced Practice Nursing, Family Health I.** Credit 5 hours. Prerequisites: NURS 600, 602, 604, 606, 616, 617, and 618. Registration in or prior credit for NURS 609. Course is designed to develop the role and competencies for primary care family nurse practitioners. Clinical experiences will focus on the care of individuals and families in the pediatrics and child-bearing women populations. Three didactic hours and 16 practicum hours per week. (As Needed)

**683. Advanced Practice Nursing: Family Health II.** Credit 5 hours. Prerequisite: NURS 682. Course is designed to develop the role and competencies for primary care family nurse practitioners. Clinical experiences will focus on the care of individuals and families in the adolescent and adult populations. Three didactic hours and 16 practicum hours per week. (As Needed)

**684. Advanced Practice Nursing: Family Health III.** Credit 5 hours. Prerequisite: NURS 683. Course is designed to provide advanced practice nursing students with content to develop the role and competencies for primary care family nurse practitioners. Clinical experiences are designed to focus on the care of individuals and families in the geriatric population. Three didactic hours and 16 practicum hours per week. (As Needed)

**685. Family Health Practicum I.** Credit 3 hours. Co-requisite: NURS 650. Focus is on the care of families and child-bearing women, emphasizing promotion of health and prevention of disease. Three didactic hours and 16-20 practicum hours per week. (As needed)

**687. Practicum for Licensed Advanced Practice Nurses.** Credit 4 hours. Prerequisites: NURS 677 or NURS 643. For currently certified advanced practice nurses seeking certification in an additional population-focused area. Seminars will focus on professional role development in the population-focused area. Clinical experiences will focus on continued development of advanced clinical competencies within the additional population-focused area. Two hours class and 16 practicum hours a week. (As Needed)

**688. Family Health II.** Credit 3 hours. Prerequisites: NURS 650 and NURS 685; co-requisite: NURS 689. Focus is on integrating evidence from the pathophysiological, behavioral, social, and nursing sciences to address the primary healthcare needs of the rural and urban family.

Health and policies regarding cost, quality, safety, access to care, evaluation and management guidelines for reimbursement are included. (As needed)

**689. Family Health Practicum II.** Credit 3 hours. Prerequisites: NURS 650 and NURS 685. Focus on the care of families and the pediatric population emphasizing promotion of health and prevention of disease. Three didactic hours and 16-20 practicum hours per week. (As needed)

**690. Psychotherapy for Advanced Practice Psychiatric Nursing.** Credit 3 hours. Prerequisites: NURS 600, 602, 604, 606, 608, 616, and 617. Registration or prior credit for NURS 609 and NURS 618. Course is designed for analysis and synthesis of major theoretical, empirical, and clinical foundations for various psychotherapeutic approaches in mental health care. Three didactic hours and 4 practicum hours of observation per week. (Fall)

**691. Advanced Practice Nursing: Family Psychiatric/Mental Health I.** Credit 5 hours. Prerequisite: NURS 690. Course is designed for introduction to initial diagnostic assessment, basic individual and family psychotherapeutic processes, interventions, and modalities with focus on differential diagnosis, risk-analysis and clinical management of clients with common psychiatric disorders. Five didactic hours and 16 practicum hours per week. (Spring)

**692. Advanced Practice Nursing: Family Psychiatric/Mental Health II.** Credit 5 hours. Course addresses advanced Psychiatric/Mental Health Nursing competencies with a focus on different diagnosis, clinical management, intervention, basic group/family therapies, risk analysis and evaluation of outcomes for clients with common and complex psychiatric disorders across the lifespan. Five didactic hours and 16 practicum hours per week. (Fall)

**693. Advanced Practice Nursing: Family Psychiatric/Mental Health III.** Credit 5 hours. Prerequisites: NURS 692. Course focus of the online seminar discussion is on professional role development in advanced practice. Clinical experiences are designed to focus on role development and continued development of advanced clinical competencies for provision of care to the psychiatric patient, family and community across the lifespan. Five didactic hours and 16 practicum hours per week. (Fall)

**695. Focused Scholarly Project.** Credit 3 hours. Prerequisite: NURS 602. An independent focused scholarly project supervised by a graduate faculty member. The focused scholarly project creatively employs scientific inquiry to systematically advance the practice, teaching, or research of nursing. Emphasis is on a focused project that has tangible application to the practice setting. Approval of the project by the faculty of record must be obtained prior to registration for the course. (As Needed)

**699. Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisite: Nursing 602. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. Independent study of a selected topic in nursing requiring a written proposal, data collection and analyses, and resulting in a written thesis under the guidance of graduate nursing faculty. An oral defense of thesis is required. (As Needed)

**800. Scholarly Foundations for Advanced Practice.** Credit 3 hours. Integrative study of theories, frameworks, and concepts which provide the basis for advanced nursing practice. (Fall)

**801. Biostatistics.** Credit 3 hours. Prerequisite: Graduate level biostatistics course approved by DNP Program Coordinator. Addresses biostatistical methods necessary to interpret data for Evidence-Based Practice (EBP) in the Health Sciences. Topics include critical appraisal of evidence, variation and variables, levels of data measurement, descriptive statistics and data display, probability, statistical and clinical significance, confidence intervals, statistical power analysis, hypothesis testing, and inferential statistics.(Spring)

**802. Epidemiology.** Credit 3 hours. Prerequisite: Registration in or prior credit for NURS 800. Study of risk for and prevention of disease using principles and methods of epidemiologic investigation. Analysis of distribution of disease in populations. (Fall)

**803. Project Planning.** Credit 3 hours. Prerequisites: Registration in or prior credit for NURS 800. Addresses project planning and development related to the selection of a topic or area of interest for the DNP synthesis project. The planning process incorporates a needs assessment, analysis of relationships between evidence-based interventions and outcomes for communities and/or aggregates. (Fall)

**804. Clinical Scholarship and Analytic Methods for Evidence Based Practice.** Credit 3 hours. Prerequisites: NURS 800 and NURS 801. Integration and application of knowledge to solve practice problems. Focuses on quantitative methodologies, study design, data analysis, and evaluation of research applicable to an advanced practice context. (Spring)

**805. Preventive Care for Populations.** Credit 3 hours. Prerequisite: Registration in or prior credit for NURS 800 and NURS 802. Examines concepts relevant to population health including epidemiological, environmental, and occupational issues; infectious diseases/emergency preparedness, and determinants of health are also investigated. Emphasis on the development of cultural competence to guide health promotion and preventive care. (Fall)

**806. Health Care Informatics.** Credit 3 hours. Prerequisite: Registration in or prior credit for NURS 800. Analyzes the role of information systems and technology in supporting and improving outcomes of patient care and the care of populations. Design and use of health care databases will be incorporated. (Fall)

**807. Organizational and Systems Leadership.** Credit 4 hours. Registration in or prior credit for NURS 800. Investigation of organizational and system processes, including safety, quality, financial, and human resource issues, which impact practice delivery. Emphasizes leadership role of the DNP and interprofessional opportunities for collaboration to improve care. (Fall)

**808. Ethics and Health Care Policy.** Credit 4 hours. Prerequisite: Registration in or prior credit for NURS 800. Examination of health care policy at the organizational and governmental levels and the influence of policy on ethical practice, advocacy, social justice and equity. (Spring)

**809. Advanced Directed Studies.** Credit 3 hours. Individualized learning activities guided by faculty for students requiring additional hours to meet DNP program requirements. A written proposal describing learning outcomes must be submitted to faculty prior to enrollment in the course. Course may be repeated twice.(As Needed)

**821. Residency I.** Credit 2 hours. Prerequisite: NURS 803. Validates project planning in a clinical, organizational, or systems context; creates a structure for implementation and evaluation. Student is expected to secure IRB approval during this course. Two didactic hours and 60 residency hours per semester. (Spring)

**822. Residency II.** Credit 4 hours. Prerequisite: NURS 821. Implementation of an evidence-based intervention in collaboration with residency mentor and faculty advisor which reflects knowledge assimilation for advanced specialty practice at a high level of complexity. Four didactic hours and 180 residency hours per semester. (Fall)

**823. Residency III.** Credit 4 hours. Prerequisite: NURS 822. Requires completion and evaluation of intervention generated in Residency II. Incorporates data collection, analysis, interpretation, evaluation and outcomes dissemination. Four didactic hours and 180 residency hours per semester. (Spring)