

# NURSING (NRC)

## **NRC 231 Nursing Process and Contemporary Nursing Practice 3 credits**

This course establishes the basic foundation for nursing as an art and a science. The course assists students to understand what it means to be a professional nurse; to appreciate the history of nursing; to understand and prize nursing's values, standards, and ethics; to learn the significance of the nursing process; to recognize and deal effectively with social and economic factors that influence how the profession is practiced; and to appreciate the need to be lifelong learners and contributing members of the nursing profession.

## **NRC 151 Introduction to Nursing Informatics 3 credits**

Nursing informatics is a nursing specialty that draws from computer science, information science, cognitive and decision sciences, and nursing science. Students will gain knowledge and skills to enhance patient-care delivery, promote consumer health, utilize nursing research, and provide education through information technology. This course focuses on content that provides the learner with the basic tools in the areas of computer literacy, information literacy, and health literacy. Prerequisite: Admission to BSN program.

## **NRC 232 Basic Principles of Patient Centered Care 4 credits**

This fundamental nursing skills course introduces the student to the relationship between evidence-based nursing practice (science) and caring (art) while performing patient-centered care tasks including meeting the basic needs of oxygenation, nutrition, elimination, activity and rest, protection, and psychosocial integrity. (Prerequisite: NRC 231. Corequisites: NRC 232L, NRC 232P)

## **NRC 232L Laboratory, Basic Principles of Patient Centered Care 2 credits**

This fundamental nursing skills laboratory allows the student to apply the NRC 232 concepts and principles learned in a controlled classroom environment. (Prerequisite: NRC 231. Corequisites: NRC 232 NRC 232P)

## **NRC 232P Practicum, Basic Principles of Patient Centered Care 1 credit**

This fundamental nursing skills practicum allows the student to apply the NRC 232 & NRC 232L concepts, principles and skills learned in the classroom and laboratory to a real patient care situation in a long term care or skilled nursing unit. (Prerequisite: NRC 231. Corequisites: NRC 232, NRC 232L).

## **NRC 233 Nursing Care of the Aging Adult 1 credit**

An introduction to concepts of aging with a focus on health promotion, maintenance of functional capacity, normal physiologic changes, and improvement of quality of life through interdisciplinary collaboration. (Prerequisite: NRC 231)

## **NRC 249 Legal and Ethical Issues Impacting Nursing Practice 2 credits**

This course is designed to prepare the student for legal and ethical issues facing today's practicing nurse. The student will study the basics of the legal system, current legal responsibilities, licensure standards, patient consents, HIPAA, and other legally pertinent concerns. The elements of ethical decision making will be addressed as well as advanced directives, end-of-life care, and organ donation (Prerequisite: NRC 231)

## **NRC 348 Critical Thinking and the Nursing Process 2 credits**

Students are challenged to apply critical thinking skills in various healthcare situations. The course is designed to encourage the student to use cognitive skills purposefully to deliver safe and effective patient centered care. (Prerequisites: NRC 231; PHIL 112)

## **NRC 282 Health Assessment and Health Promotion 3 credits**

The student will learn how to conduct a head-to-toe assessment of the patient's health status related to the physiologic, self-concept, role function, and interdependence modes. Health promotion will center on meeting the Healthy People 2020 objectives. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; BIOL 223; BIOL 224. Corequisites: NRC 282L, NRC 282P; BIOL 206)

## **NRC 282L Laboratory, Health Assessment and Health Promotion 2 credits**

This laboratory allows the student to apply the NSG 282 concepts and principles learned in a controlled classroom environment. The student clinically will be able to conduct both complete and focused health assessments by demonstrating an understanding of normal, normal deviation and abnormal physical findings across the lifespan. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; BIOL 223; BIOL 224. Corequisites: NRC 282, NRC 282P; BIOL 206)

## **NRC 282P Practicum, Health Assessment and Health Promotion 1 credit**

This practicum allows the student to apply NSG 282 and NSG 282L concepts, principles and skills learned in the classroom and laboratory to a real patient care situation in a community, acute or long-term care setting. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; BIOL 223; BIOL 224. Corequisites: NRC 282, NRC 282L; BIOL 206)

## **NRC 250 Advanced Principles of Patient Centered Care 3 credits**

The student's capability to perform more complex patient centered nursing care skills is the focus of this course. Evidence-based practice and critical thinking skill development is focused on medication administration, intravenous therapy, laboratory and diagnostic testing, and patient treatments. The course is designed to integrate knowledge and skills from NRC 232. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 282, NRC 282L, NRC 282P; BIOL 206; BIOL 223; BIOL 224, MAT 107. Corequisites: NRC 250L, NRC 250P; NRC 290; BIOL 300, MAT 107 (\*if repeating course)

## **NRC 250L Laboratory, Advanced Principles of Patient Centered Care 2 credits**

This advanced nursing skills laboratory allows the student to apply the NRC 250 concepts and principles learned in a controlled classroom environment. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 282, NRC 282L, NRC 282P; BIOL 206; BIOL 223; BIOL 224, MAT 107. Corequisites: NRC 250, NRC 250P; NRC 290; BIOL 300, MAT 107 (\*if repeating course)

## **NRC 250P Practicum, Advanced Principles of Patient Centered Care 1 credit**

This advanced nursing skills practicum allows the student to apply the NRC 232, NRC 232L, NRC 250 and NRC 250L concepts, principles, and skills learned in the classroom and laboratory to a real patient care situation in a long term care or skilled nursing care unit. Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 282, NRC 282L, NRC 282P. Corequisites: NRC 250, NRC 250L; NRC 290

## **NRC 290 Pharmacology 6 credits**

Addresses general concepts in pharmacology and an overview of major drug groups. For each major drug group, the pharmacodynamics, pharmacokinetics, pharmacotherapeutics, adverse drug reactions, and nursing management will be outlined. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 282, NRC 282L, NRC 282P; BIOL 206; BIOL 223, BIOL 224. Corequisites: NRC 250, NRC 250L, NRC 250P; BIOL 300)

**NRC 385 Nursing Care of Adults and Older Adults I 4 credits**

This course presents the roles of the nurse in relation to assessment, diagnosis, outcomes identification, planning, intervention, and evaluation of adult and older adult's response to alterations in health. Includes the etiology, epidemiology, pathophysiology, appropriate medical management, diagnostics, and related therapeutic nursing interventions within the context of the patient/client, their families, and environments. Topic areas include fluid and electrolytes, acid-base balance/imbalance, and alterations in the functions of the immune, respiratory, cardiovascular, hematologic, urinary, and nervous systems. (Prerequisites: NRC 231, NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NSG 290; BIOL 206; BIOL 223; BIOL 224; BIOL 300; COM 210. Corequisite: NRC 385P)

**NRC 385P Practicum, Nursing Care of Adults and Older Adults I 3 credits**

This practicum enables the student to apply concepts, principles, and skills learned in NSG 385 in the patient/client healthcare environment. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; BIOL 206; BIOL 223; BIOL 224; BIOL 300; COM 210. Corequisite: NRC 385)

**NRC 386 Nursing Care of Adults and Older Adults II 4 credits**

This course presents the roles of the nurse in relation to assessment, diagnosis, outcomes identification, planning, intervention, and evaluation of adult and older adult's response to alterations in health. Includes the etiology, epidemiology, pathophysiology, appropriate medical management, diagnostics, and related therapeutic nursing interventions within the context of the patient/client, their families, and environments. Topic areas include the integumentary, musculoskeletal, gastrointestinal, sensory, endocrine, and reproductive systems. (Prerequisite: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; BIOL 206; BIOL 223; BIOL 224; BIOL 300; COM 210. Corequisite: NRC 386P)

**NRC 386P Practicum, Nursing Care of Adults and Older Adults II 3 credits**

This practicum enables the student to apply concepts, principles, and skills learned in NSG 386 to the patient/client healthcare environment. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; BIOL 206; BIOL 223; BIOL 224; BIOL 300; COM 210. Corequisite: NRC 386)

**NRC 345 Nursing Care of Families and Cultures 2 credits**

This course is designed to prepare the student for the unique health influences the family and culture have upon the individual. Topics will include family dynamics, cultural beliefs and values, and impact upon the individual's health practices. (Prerequisites: NRC 231)

**NRC 387 Nursing Care of the Pediatric Patient/Client 3.5 credits**

This course presents the roles of the nurse in relation to assessment, diagnosis, outcomes identification, planning, intervention, and evaluation of the pediatric patient/client and family response to alterations in health. Includes the etiology, epidemiology, pathophysiology, appropriate medical management, diagnostics, and related therapeutic nursing interventions within the context of the patient/client, their families, and environments. Topic areas include both normal growth development and health promotion along with alterations along the health continuum. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 151, CHEM 121. Corequisites: NRC 387P)

**NRC 387P Practicum, Nursing Care of the Pediatric Patient/Client 2 credits**

This practicum enables the student to apply concepts, principles, and skills learned in NSG 387 to the patient/client healthcare environment. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; BIOL 206; BIOL 223; BIOL 224; BIOL 300, PSY 151, CHEM 121. Corequisites: NRC 387)

**NRC 388 Nursing Care of Persons with Mental Health Impairments 3.5 credits**

This course presents the roles of the nurse in relation to assessment, diagnosis, outcomes identification, planning, intervention, and evaluation of patient/client responses across the lifespan to alterations in mental health. Includes the etiology, epidemiology, pathophysiology, appropriate medical management, diagnostics, and related therapeutic nursing interventions within the context of the patient/client, their families, and environments. The student will study therapeutic approaches as well as psychosocial adaptation alterations. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223, BIOL 224, BIOL 300; PSY 101; PSY 151. Corequisites: NRC 388P; SOC 101)

**NRC 388P Practicum, Nursing Care of Persons with Mental Health Impairments 2 credits**

This practicum enables the student to apply concepts, principles, and skills learned in NSG 388 to a patient/client care in an inpatient or residential healthcare facility, or outpatient healthcare environments. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 101; PSY 151. Corequisites: NSG 388; SOC 101)

**NRC 312 Nursing Care of the Childbearing Family 3.5 credits**

This course is designed to prepare the student for providing patient centered care during the childbearing and menopausal years. The student will study both normal and complicated pregnancies; well and high-risk newborns; family influences; family planning; childbearing alternatives and women's healthcare needs. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 345; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 151. Corequisites: NRC 312L, NRC 312P)

**NRC 312P Practicum, Nursing Care of the Childbearing Family 2 credits**

This practicum allows the student to apply NSG 312 and NSG 312L concepts, principles and skills learned in the classroom and laboratory to a real patient care situation in a hospital, clinic or private physician's office. Prerequisites: NRC 231; NRC 232, NRC 232L/232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 345; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 151. Corequisites: NRC 312, NRC 312L.

**NRC 312L Laboratory, Nursing Care of the Childbearing Family 1 credit**

This laboratory allows the student to apply NRC 312 concepts and principles learned in a controlled classroom environment. Topics include cervical dilation, fetal monitoring, assessing for toxicity, fetal heart tones, pap smears, and emergency childbirth skills. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 345; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223, BIOL 224; BIOL 300; PSY 151. Corequisites: NRC 312, NRC 312P)

**NRC 380 Community and Population-Based Nursing 4 credits**

In this course the student will learn to use knowledge from social science, public health science, and nursing science to promote and protect the health of diverse populations. In this course, students will learn how to apply the nursing process to address the health risks and needs of populations, groups, families, and individuals in selected communities, with an emphasis on caring for vulnerable and underserved clients in a just and ethical manner. Students will also learn how to use previously gained nursing knowledge and newly acquired social, public health, and nursing information to collaborate with populations and communities in order to help them thrive. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 101; PSY 151; SOC 101. Corequisites: NRC 380P)

**NRC 380P Practicum, Community and Population-Based Nursing 3 credits**

This practicum allows the student to apply NSG 380 concepts, principles, and skills learned in the classroom to a real patient care situation in a clinic, home health, school, or residential facility. Students will conduct a community survey of health needs. Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PSY 101; PSY 151; SOC 101. Corequisites: NSG 380.

**NRC 410 High Acuity Principles of Patient Centered Care 4 credits**

Preparatory course for NSG 420. This course prepares the student to perform skills unique to the critical and emergent healthcare environments. Advanced cardiac life support (ACLS) concepts will be emphasized and skills will be demonstrated within a simulation environment. Critical care medications, advanced medication calculation, ECG interpretation, an introduction to hemodynamic monitoring, and the roles of the high acuity nurse will be emphasized. Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; BIOL 206; BIOL 223; BIOL 224; BIOL 300.

**NRC 460 Research Methods for Evidence-Based Nursing Practice 4.5 credits**

Focuses on the role of the professional nurse as an informed consumer of evidence-based research. Explores quantitative and qualitative approaches to the study of health and illness, as well as the relationship of theory to practice. Topics include literature reviews, research designs, methods of data collection, and analytical procedures. Explores the ethics for research with human subjects. The student will prepare a research proposal. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; COM 125; MAT 107; STAT 250 Corequisites: NRC 380, NRC 380P)

**NRC 420 High Acuity Nursing Care 4 credits**

This course prepares the student to administer evidence-based nursing care to patients across the lifespan in critical, operative, or emergent healthcare environments. Rapid critical thinking skill development is essential for performing this type of nursing care. (Prerequisites: NRC 231; NRC 232/232L/232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 312, NRC 312L, NRC 312P; NSG 348; NRC 380, NRC 380P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; NRC 388, NRC 388P; NRC 410; BIOL 223; BIOL 224; BIOL 300. Corequisites: NRC 420P; NRC 451, NRC 451P)

**NRC 420P Practicum, High Acuity Nursing Care 2 credits**

This practicum allows the student to apply NSG 410 and NSG 420 concepts, principles and skills learned to a real patient care situation in a critical care, emergent care, operative care, or diagnostic care unit. (Prerequisite: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 312, NRC 312L, NRC 312P; NRC 348; NRC 380, NRC 380P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; NRC 388, NRC 388P; NRC 410; BIOL 223, BIOL 224, BIOL 300. Corequisites: NRC 420; NRC 451, NRC 451P)

**NRC 451 Nurses as Leaders 3 credits**

This course is designed to prepare the student for management and leadership roles assigned to the BSN. The student will study developing leadership skills, performing evaluations, preparing job descriptions, mentoring, coaching, counseling, budget concepts, staffing issues and leadership characteristics. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 282, NRC 282L, NRC 282P; NRC 250, NRC 250L, NRC 250P; NRC 290; NRC 312, NRC 312L, NRC 312P; NRC 348; NRC 380, NRC 380P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; NRC 38, NRC /388P; NRC 410; BIOL 206; BIOL 223; BIOL 224; BIOL 300; PHIL 112. Corequisites: NRC 420, NRC 420P; NRC 451P)

**NRC 451P Practicum, Nurses as Leaders 2 credits**

This practicum allows the student to apply NSG 451 concepts, principles and skills learned while functioning in a leadership position in a healthcare environment. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 312, NRC 312L, NRC 312P; NRC 348; NRC 382, NRC 382P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; NRC 388, NRC 388P; NRC 410; BIOL 206, BIOL 223, BIOL 224, BIOL 300; PHIL 112. Corequisites: NSG 420/420P; NSG 451)

**NRC 452 Capstone: Transition to Professional Nursing 3 credits**

This course is designed to prepare the student for role changes. It promotes the student's transition from student to licensed professional nurse. Focus is on licensure preparation, completion of a self-assessment of student progress in the attainment of the nursing program outcomes in the roles of provider of care, leader/manager, and member of the profession, and completion of a professional resume. The student will be given a capstone project that entails research, presentation, writing, and critical reflection of the evolution of their clinical practice. (Prerequisites: NRC 231; NRC 232/232L, NRC 232P; NRC 233; NRC 249; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 312, NRC 312L, NRC 312P; NRC 345; NRC 348; NRC 380, NRC 380P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 387, NRC 387P; NRC 388, NRC 388P; NRC 410; NRC 420, NRC 420P; NRC 451, NRC 451P; BIOL 112; BIOL 206; BIOL 223; BIOL 224; BIOL 300; CHEM 121. Corequisites: NRC 452P)

**NRC 452P Practicum, Capstone: Transition to Professional Nursing 6 credits**

This practicum requires a signed agreement between the student and a qualified nursing preceptor. The student will work the same schedule as the nursing preceptor. The preceptor will supervise and evaluate the student's readiness for work transition in collaboration with the nursing faculty. (Prerequisites: NRC 231; NRC 232, NRC 232L, NRC 232P; NRC 233; NRC 249; NRC 250, NRC 250L, NRC 250P; NRC 282, NRC 282L, NRC 282P; NRC 290; NRC 312, NRC 312L, NRC 312P; NRC 345; NRC 348; NRC 380, NRC 380P; NRC 385, NRC 385P; NRC 386, NRC 386P; NRC 38, NRC 387P; NRC 388, NRC 388P; NRC 410; NRC 420, NRC 420P; NRC 451, NRC 451P; BIOL 112; BIOL 206; BIOL 223; BIOL 224; BIOL 300; CHEM 121. Corequisites: NRC 452)