NURSING (NU)

NU-100  Technology and Health Informatics  Credits: 3
Term Offered: Fall Term
Course Type(s): TL
Designed to provide an introduction to the computer technology used in health care and its impact on decision-making. Includes an overview of the basic computer skills required to process electronic information, the nature and types of health information available on the World Wide Web, the development of search skills associated with finding information, linking electronic information to health decision-making processes, ethical and social issues involving the use of technology, and identifying major issues in computer and Internet security. Also listed as HE-100.

NU-201  Nursing I  Credits: 6
Prerequisite(s): BY-111, BY-112, and CE-109 all passed with a grade of C+ or higher
Co-requisite(s): NU-201L and NU-201P
Term Offered: Fall Term
Course Type(s): None
Principles of nursing practice and basic nursing skills are introduced to provide for basic biopsychosocial needs of patients and their significant others and to gain confidence and competence in patient care and medication administration across the lifespan. An introduction to human responses, therapeutic communication, client advocacy and nursing care is the foundation for professional nursing practice. Students are introduced to nursing diagnosis, problem solving, decision making and critical thinking skills. There is a weekly lab and practicum component with this course. A minimum grade of C+ is required in this course to continue to NU-202.

NU-201L  Nursing I Lab  Credits: None
Co-requisite(s): NU-201 and NU-201P
Term Offered: Fall Term
Course Type(s): None
Communication skills, the nursing process and medical mathematical calculations are areas of development. Methods for interpretation of medical orders, calculation of safe medications dosing and preparation, and administration of medications will be emphasized. This is a pass/fail course.

NU-201P  Nursing I Practicum  Credits: None
Co-requisite(s): NU-201 and NU-201L
Term Offered: Fall Term
Course Type(s): None
Students will learn the didactic content and apply the associated nursing skills during the clinical experience in the medical setting with live patients. This is a pass/fail course.

NU-202  Nursing II  Credits: 6
Prerequisite(s): NU-201 and NU-205 both passed with a grade of C+ or higher, NU-201L and NU-201P
Co-requisite(s): NU-202L and NU-202P
Term Offered: Spring Term
Course Type(s): None
Professional nursing care for individuals and their significant others experiencing acute and/or chronic illness is emphasized. Students continue to develop skills in nursing diagnosis, problem solving, decision-making and critical thinking skills in caring for adult and geriatric patients. The nursing process is applied in caring for adult/geriatric patients and their significant others across health care settings such as the hospital, end of life facilities, and home care. There is a weekly lab and practicum component with this course. A minimum grade of C+ is required in this course to continue to NU-203.

NU-202L  Nursing II Lab  Credits: None
Co-requisite(s): NU-202 and NU-202P
Term Offered: Spring Term
Course Type(s): None
Foundational clinical experiences help students to develop plans and implement strategies for health promotion, risk reduction, health maintenance, rehabilitation, injury prevention and treatment of acute and complex health issues of adult and geriatric patients from diverse backgrounds. Critical thinking and evidence-based practice are introduced for students to formulate differential diagnoses, clinical impressions, nursing diagnoses for treatment and evaluation of care provided to adult and geriatric patients. Clinical opportunities are provided to deliver safe, legal, and ethical care for adult and geriatric patients in a variety of clinical settings. This is a pass/fail course.

NU-202P  Nursing II Practicum  Credits: None
Co-requisite(s): NU-202 and NU-202L
Term Offered: Spring Term
Course Type(s): None
Students will build upon their foundational experience with live patients in the hospital setting. Basic nursing skills will be expanded and focus is on the adult geriatric patient in a variety of students clinical settings. Involvement with the live patients in the actual medical setting provide students with experiential knowledge and builds their confidence. This is a pass/fail course.

NU-203  Nursing III  Credits: 6
Prerequisite(s): NU-202 and NU-206 both passed with a grade of C+ or higher
Co-requisite(s): NU-203P
Term Offered: Fall Term
Course Type(s): None
Family theory is applied for examining families in childbearing years through pregnancy, labor, birth, post-partum mothers and their newborns, infancy, childhood and adolescence. The concentration is on the changing needs of women and families during the reproductive life cycle in the delivery of ethically sound nursing care. Care is adapted to the unique health and developmental needs of children and their families to maximize health potential. Health promotion, risk reduction, disease prevention and restoration of developing children and women are integrated and facilitated in the care of mothers, neonates, families and children in acute and community-based settings. There is a weekly practicum component with this course. A minimum grade of C+ in this course is required to continue to NU-204.
NU-203P Nursing III Practicum Credits: None
Prerequisite(s): NU-201, NU-202, NU-205, NU-206, and NU-312 all passed with a grade of C+ or higher and NU-201L, NU-201P, NU-202L, and NU-202P all passed with a grade of P
Term Offered: Fall Term
Course Type(s): None
Practicum for NU-203. This is a pass/fail course. Students must pass the practicum to pass the course NU-203.

NU-204 Nursing IV Credits: 6
Prerequisite(s): NU-203 passed with a grade of C+ or higher
Co-requisite(s): NU-204P
Term Offered: Spring Term
Course Type(s): None
Part I - Sound professional nursing care for individuals and their significant others who are experiencing acute or complex health issues is emphasized. Clinical experiences continue to foster students' ability to develop plans and implement strategies for health promotion, risk reduction, health maintenance, rehabilitation, injury prevention and treatment of acute and complex health issues of adult and geriatric patients from diverse backgrounds. Students further improve their abilities to critically think and apply evidence-based practice to formulate differential diagnoses, clinical impressions, nursing diagnoses for treatment and evaluation of care provided to adult and geriatric patients. Clinical opportunities facilitate safe, legal, and ethical care for adult and geriatric patients in a variety of clinical settings. Part II - Students will gain knowledge, skills, values, and meanings associated with positive promotion of Psychiatric-Mental Health Nursing across the lifespan, as well as having an opportunity to apply previously learned behavioral and scientific concepts of health and wellness. Psychiatric-Mental Health Nursing principles and therapeutic and effective communications with clients will be addressed. Student activities focus on initiating, continuing and terminating a one-to-one relationship. The student will use therapeutic communications and observation to identify client needs and responses to care. Concepts related to ethical/legal, professional accountability, community, and teaching are applied in patient care. Past, present and future trends in mental health are explored. Discussion of the roles of the Psychiatric-Mental Health team, with emphasis on the nursing role, is integrated throughout the course. There is a weekly practicum component with this course. A minimum grade of C+ in this course is required to continue to NU-205.

NU-204P Nursing IV Practicum Credits: None
Co-requisite(s): NU-204
Term Offered: Spring Term
Course Type(s): None
Practicum for NU-204. This is a pass/fail course. Students must pass the practicum NU-204, to pass the course.

NU-205 Pathophysiology Credits: 3
Prerequisite(s): BY-111, BY-112, and CE-109 all passed with a grade of C+ or higher
Term Offered: Fall Term
Course Type(s): None
Concepts for anatomy, physiology, and chemistry courses provide the foundation for exploring human dysfunction across the lifespan. Emphasis is placed on the relationship of health patterns of major body systems to changes that occur during the illness experience. Major pathophysiologic concepts are explored using a symptom-based approach that focuses on the most common diagnoses encountered in the clinical setting. Theories related etiology, pathogenesis, and clinical manifestations are used to study common disease processes. Concepts learned in this course are fundamental to nursing practice. A minimum grade of C+ in this course is required to continue to NU-206.

NU-206 Introduction to Pharmacology for Nurses Credits: 3
Prerequisite(s): NU-201 and NU-205 both passed with a grade of C+, and NU-201L and NU-201P both passed with a grade of P
Term Offered: Spring Term
Course Type(s): None
Basic pharmacotherapeutics, pharmacodynamics, and pharmacokinetics are introduced. Students will be instructed on the actions, interactions, adverse effects, and nursing implications of each drug classification. Focuses on the principles and concepts of pharmacology and related nursing practices including the pharmacological approach to medication dosage/calculations, quality and safety in the administration of medication and patient/client education. The principles of altered pharmacodynamics relative to age and ethnicity will be included. A minimum grade of C+ is required in this course to continue to NU-415.

NU-311 Issues and Trends in Professional Nursing Credits: 3
Term Offered: Fall Term
Course Type(s): WT
Utilizing the Monmouth University philosophy of nursing, the course explores the role of the nurse as a professional practitioner and as a member of the health care team. Content includes: trends and issues affecting health care of consumers, nursing, nursing education, and the health care delivery system, professional accountability, legal and ethical concerns, client advocacy, as well as political and social issues related to health care. Nursing majors only. Permission of the department chair is required for non-BSN students to register for this course.

NU-312 Individual Health Assessment Credits: 3
Prerequisite(s): BY-111 and BY-112 and malpractice insurance
Term Offered: All Terms
Course Type(s): None
Theory and practice of health-assessment skills, identification of deviations from normal, and documentation of findings. Use of techniques in a university laboratory to collect subjective and objective assessment data from a developmental, hereditary, environmental, and nutritional perspective. Relationship of health assessment to the role and responsibilities of the professional nurse in application of the nursing process.
NU-324  Human Sexuality
Term Offered: All Terms
Course Type(s): GS, NU.EL
An introductory course designed to provide the student with a factual background as well as an in-depth understanding of his or her own and others' sexuality and how it affects health. Focuses on developing an understanding of the essential components of human sexuality and their interrelationship with human development. Social, cultural and developmental determinants will be examined for their influence upon human sexuality. Examines the relationship between human sexuality and professional nursing practice. Content will include: the use of a sexual history in the nursing assessment, sexually transmitted disease, effects of pregnancy and aging on sexuality, effects of medical, surgical, and chronic health problems on an individual's sexual functioning and identity. The role of the nurse as an educator/counselor is discussed. Also listed as HE-324.

NU-330  Women's Health
Term Offered: All Terms
Course Type(s): BI.EL, CD, GS, NU.EL
Health care needs/concerns of women from diverse cultures will be examined. The focus will be on African, Asian, Caribbean, and Latina perspectives of health, health practices, physical and physiological threats, and ethical issues. Body image, sexuality, marriage customs, reproduction, childbirth, parenting, lifestyle choices, menopause, and aging will be examined within the context of culture and contrasted to those of Western women. Also listed as HE-330.

NU-355  Research Methods in Nursing
Prerequisite(s): EN-101 and EN-102 or permission of the instructor
Term Offered: Fall Term
Course Type(s): WT
Focuses on the nurse as a consumer of research. Emphasis is placed upon studying the steps of the research process as a basis for understanding investigation of nursing problems and the application of findings to practice. Seeks to prepare students with an introduction to basic methodological and statistical concepts.

NU-360  Transcultural Health
Term Offered: All Terms
Course Type(s): BI.EL, GU, HE.EL, RE
Focus on African, Asian, Caribbean, South- and Latin-American, Middle-East, and Indian beliefs, values and health practices, physical and psychological threats to health, and ethical issues. Differences of cultural beliefs related to health, illness, and the impact on the delivery of healthcare will be examined. Also listed as HE-360.

NU-365  Wisdom, Wellness and Aging
Term Offered: All Terms
Course Type(s): CD, HE.EL
Provides an understanding of the cross-cultural variations in the status of aging and health in older adults. Examples of various cultures include examining older adults from non-English speaking countries such as North Korea, South Korea, Iran, Mexico, China, and Brazil. Examines older adults from these diverse populations as well as other nations. Topics to be covered include examinations of health implications on aging populations in non-English speaking countries. Compare countries, such as Japan, India, and Nigeria, to explore how their specific culture influences caregiving, social support networks, and community. Specific, cultural views of love, intimacy, and sexuality in older adults will be examined. Also listed as HE-365.

NU-370  Alternative/Complementary Health Therapies
Term Offered: All Terms
Course Type(s): BI.EL, GU, NU.EL
Cultural origins of CAM therapies will be discussed. Perspectives of health and healing through co-mingling Eastern Traditional Complementary and Alternative (TCAM) therapies and Western biomedical practices into an integrative strategy will be examined. Appropriate therapies for health promotion and specific illness contexts, potential risks/benefits, ethical issues addressing treatment choices and global entities that employ CAM therapies will be discussed. There will be an emphasis on choosing CAM therapies that are supported by research as safe and effective. Knowledge of reliable sources of information on the Internet will improve decision-making regarding therapies. Also listed as HE-370.

NU-375  Health in Developing Countries: A Cross-Cultural Perspective
Term Offered: All Terms
Course Type(s): BI.EL, GU, NU.EL
Designed to introduce students to the concept of health as a cross-cultural issue. Students will examine their own health beliefs and practices and expand their understanding of health and health issues of the developing world. Contemporary health issues will be analyzed. Healthcare delivery systems in selected countries in Asia and Africa will be examined and compared to the American healthcare system. Students are expected to problem solve and postulate solutions to contemporary and emerging health issues. Also listed as HE-375.

NU-380  Nutrition and Health
Term Offered: All Terms
Course Type(s): NU.EL
An introduction to the physiology of nutrition, basic concepts of normal nutrition, and nutrition in chronic disease (such as diabetes mellitus, cardiovascular disease, and obesity) will be explored. A study of the basic nutrients and the gastrointestinal system in its role of digestion, absorption, and metabolism. Food needs of an individual throughout life (birth to old age) will be considered, along with necessary dietary modifications caused by decreased activity. Food fads and fallacies will be discussed, as well factors to consider in choosing a healthy diet. Current concerns, such as how safe are the additives in our foods, the role of sugar, salt and highly processed foods, alternative therapies such as herbal remedies, and phytochemicals and their potential roles in modern nutrition, will be studied. Weight management will be addressed as it relates to medical nutrition therapy.

NU-398  Special Topics in Nursing (300 Level)
Term Offered: Fall Term
Course Type(s): None
An intensive study of a particular subject or problem in nursing to be announced prior to registration. May be conducted on either a lecture-discussion or a seminar basis. If a prerequisite is required it will be announced in the course schedule.

NU-399  Independent Study in Nursing
Term Offered: All Terms
Course Type(s): None
Guided research and in depth study of an area of nursing and/or healthcare of particular interest to the student. Permission of the directing professor and department chair is required to take this course.
NU-413 Community Health Nursing I: Nursing of the Young Family  
Credits: 3  
Prerequisite(s): NU-311  
Term Offered: Fall Term  
Course Type(s): RD  
The family as the basic unit of care in the community: a developmental approach to the nursing care of expanding families from conception through adolescence; the concept of health, environmental, and genetic influences; impact of political and economic policies, educational principles, ethics, health promotion, illness prevention, and common deviations from health.

NU-414 Community Health Nursing II: Nursing of Communities  
Credits: 3  
Co-requisite(s): Take NU-415  
Term Offered: Spring Term  
Course Type(s): None  
Care of groups and communities: a developmental approach focusing on adolescence through senescence; community health and public health theories, epidemiology, health promotion, illness prevention, research, ethics, palliative care, vulnerable populations, and common deviations from health.

NU-415 Community Health Nursing Laboratory  
Credits: 3  
Prerequisite(s): NU-311, NU-312, and NU-355  
Co-requisite(s): NU-414  
Term Offered: Spring Term  
Course Type(s): EX5  
The nine-hour clinical laboratory for Community Health Nursing. The nursing process is applied in a variety of community settings to clients from the formation of the family through senescence. Application of principles of health education, health promotion, and illness prevention in a culturally sensitive manner. A minimum grade of C+ is required in this course to continue to NU-450.

NU-440 Health Policy  
Credits: 3  
Prerequisite(s): EN-101 and EN-102 or permission of the instructor  
Term Offered: All Terms  
Course Type(s): WT  
Delves into the core elements that define health policy. Describes factors, such as the healthcare delivery systems (public/non-profits vs. private/for profits), access to care, healthcare financing, quality of care issues, and social issues, such as gender and culture, and their impact on health and healthcare. The dynamics of the policy-making process at different levels (federal, state and local) will be explored, along with policy analysis and how policy influences healthcare decisions. The complexities and challenges of healthcare reform will be identified. Also listed as HE-440.

NU-450 Nursing for the Future  
Credits: 3  
Prerequisite(s): NU-204 passed with a grade of C+ or higher and EN-101 and EN-102  
Co-requisite(s): NU-450P  
Term Offered: All Terms  
Course Type(s): WT  
The acquisition of knowledge and skills necessary for personal and professional growth designed to address the elements of successful leadership in a manner that is practical and relevant for today's professional nurse.

NU-450P Nursing 450 Practicum  
Credits: None  
Prerequisite(s): NU-204  
Co-requisite(s): NU-450  
Term Offered: Spring Term  
Course Type(s): None  
NU-450P Practicum for NU-450. This is a pass/fail course. Students must pass the practicum (NU-450P) to pass the course NU-450.

NU-476 Interpersonal Violence  
Credits: 3  
Term Offered: All Terms  
Course Type(s): NU.EL  
Examines the various types and patterns of violence related to cultural values, beliefs, biases, and societal issues, as well as the historical perspectives of violence. Content includes: family, community, youth, and workplace violence, and child, domestic, elder, and sexual abuse. Theories concerning gender violence, gangs, bias and hate crimes, and terrorism are challenged. Public health and health-care issues related to violence, and primary-, secondary- and tertiary-level interventions for victims and offenders of violence are discussed. Individual responsibilities associated with identification and reporting violence are identified. Health-care measures to identify and prevent violence are analyzed. Methods of treatment for victims and perpetrators of violence are evaluated. Also listed as HE-476.

NU-498 Special Topics in Nursing (400 Level)  
Credits: 1-3  
Term Offered: Spring Term  
Course Type(s): NU.EL  
An intensive study of a particular subject or problem in nursing to be announced prior to registration. May be conducted on either a lecture-discussion or a seminar basis. If a prerequisite is required it will be announced in the course schedule.

NU-499 Independent Study in Nursing  
Credits: 1-3  
Prerequisite(s): NU-311, NU-312, NU-324, NU-355, and permission of the directing professor and department chair  
Term Offered: All Terms  
Course Type(s): None  
Guided research and in-depth study of an area of nursing and/or health care of particular interest to the student.