

# NURSING TECHNOLOGY (NRST)

## NRST 10001 FOUNDATIONS OF NURSING AGENCY 5 Credit Hours

Development of basic nursing skills and physical assessment. Students begin implementation of the nursing process using universal self-care requisites as an organizational framework.

**Prerequisite:** Admission to technical study; and nursing ADN major.

**Schedule Type:** Clinical Laboratory, Combined Lecture and Lab

**Contact Hours:** 2 lecture, 4.67 lab, 4.33 other

**Grade Mode:** Standard Letter

**Attributes:** CTAG Nursing/Associate Degree, ITAG Nursing/Associate Degree

## NRST 10003 NURSING AGENCY I 6 Credit Hours

Emphasizes broad concepts common to nursing practice. Increasingly complex skills are introduced. Care focuses on simple therapeutic self-care demands.

**Prerequisite:** Minimum C grade in the following: BSCI 11010 and CHEM 10055 (or CHEM 10050) and NRST 10001 and UC 10001 and one from the Kent Core Mathematics and Critical Reasoning category; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Combined Lecture and Lab

**Contact Hours:** 3.5 lecture, 3 lab, 4.5 other

**Grade Mode:** Standard Letter

**Attributes:** CTAG Nursing/Associate Degree, ITAG Nursing/Associate Degree

## NRST 10006 LPN TO ASSOCIATE DEGREE IN NURSING TRANSITION 3 Credit Hours

Course is designed for the advanced placement of licensed practical nurses (LPN) to the nursing program. Course includes content areas from all first-year nursing courses, with both theory and lab. Orem's theory is introduced, emphasizing the assessment of the client's self-care assets and self-care deficits.

**Prerequisite:** Nursing ADN major; and minimum 2.700 overall GPA; and admission to technical study; and minimum C grade in the following: BSCI 11010 and CHEM 10055 (CHEM 10050) and UC 10001 and one from Kent Core Mathematics and Critical Reasoning category.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 3 lab

**Grade Mode:** Standard Letter

## NRST 10008 PARAMEDIC TO ASSOCIATE DEGREE IN NURSING TRANSITION 5 Credit Hours

Course serves to validate prior learning, update and enhance the student's knowledge, begin the process of role transition and prepare students for advanced placement into the Nursing program.

**Prerequisite:** Minimum 2.700 cumulative GPA; and Nursing ADN major; and admission to technical study; and minimum C grade in the following: BSCI 11010 and CHEM 10055 (CHEM 10050) and UC 10001 and one from Kent Core Mathematics and Critical Reasoning category.

**Schedule Type:** Clinical Laboratory, Lecture

**Contact Hours:** 3.5 lecture, 1.83 lab, 2.67 other

**Grade Mode:** Standard Letter

## NRST 10009 BASIC PRINCIPLES OF PHARMACOLOGY 2 Credit Hours

Students identify and apply the basic principles of pharmacology to client care. In addition, they explore pharmaceuticals, pharmacokinetics, pharmacodynamics, pharmacology-related math, drug classification, and safe preparation and administration of medications.

**Prerequisite:** Major in one of the following: Nursing ADN, Nursing BSN, Radiologic Technology, Respiratory Therapy Technology, Physical Therapist Assistant Technology or Occupational Therapy Assistant Technology.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

## NRST 10010 THERAPEUTIC USE OF SELF 1 Credit Hour

Course focus is on the self-care of individuals, with emphasis on understanding human relationships in the promotion of self-care. Culture, values and past experiences as factors in communication are explored.

**Prerequisite:** NRST 10001 with a minimum C grade; and minimum 2.000 overall GPA; and nursing ADN major.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

## NRST 10011 FUNDAMENTALS OF NURSING 5 Credit Hours

Course is designed to develop fundamental nursing skills and physical assessment. The student will acquire knowledge to be able to demonstrate implementation of the nursing process using Quality and Safety Education for Nurses (QSEN) concepts as the organizing framework. Emphasis is placed on a beginning nursing student who performs as a provider of care.

**Prerequisite:** Nursing ADN major; and admission to NRST technical course sequence.

**Pre/corequisite:** Minimum C in the following courses NRST 10012 or NRST 10016 or NRST 10018.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 3 lab, 3 other

**Grade Mode:** Standard Letter

## NRST 10012 PROFESSIONAL COMMUNICATION FOR NURSING 1 Credit Hour

Course is designed to facilitate integration of basic knowledge, interpersonal skills, attitudes and beliefs in human relationships with an emphasis on professional and caring communication as an essential dimension in nursing practice.

**Prerequisite:** Nursing ADN major; and admission to NRST technical course sequence; and minimum 2.000 overall GPA.

**Corequisite:** Minimum C grade in the following courses NRST 10011 or NRST 10016 or NRST 10018.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NRST 10013 NURSING I 6 Credit Hours**

Course is to facilitate integration of knowledge, skills, attitudes and clinical decision making in the nursing care of patients with acute health care needs.

**Prerequisite:** Minimum of C grade in BSCI 11010 and NRST 10011 and NRST 10012 and NRST 10014; and minimum 2.000 overall GPA; and Kent Core Mathematics and Critical Reasoning course; and nursing ADN major.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3.5 lecture, 3 lab, 4.5 other

**Grade Mode:** Standard Letter

**NRST 10014 PHARMACOLOGY FOR NURSING I 1 Credit Hour**

Course is to introduce the science of pharmacology and consider the role of the registered nurse in the preparation, management and administration of medications. The course provides a working description of the principles of pharmacodynamics and pharmacokinetics.

An emphasis is on understanding the action of medications, safe administration practices and competence in drug calculations.

**Prerequisite:** Minimum 2.000 overall GPA; and Nursing ADN major.

**Schedule Type:** Lecture

**Contact Hours:** 1 lecture

**Grade Mode:** Standard Letter

**NRST 10016 LPN TO ADN TRANSITION 3 Credit Hours**

Course is to integrate the knowledge, skills, attitudes and clinical decision making in the nursing care of acute patients transitioning the knowledge of the LPN to RN practice.

**Prerequisite:** Minimum C grade in the following: BSCI 11010 and UC 10001 and one course from Kent Core Mathematics and Critical Reasoning category; and minimum 2.700 overall GPA; Nursing ADN major; and admission to technical study; and special approval from the nursing director.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, .5 lab, .5 other

**Grade Mode:** Standard Letter

**NRST 10018 PARAMEDIC TO ADN TRANSITION 5 Credit Hours**

Course is to integrate the knowledge, skills, attitudes and clinical decision-making in the nursing care of acute patients transitioning the knowledge of the Paramedic to RN practice.

**Prerequisite:** Minimum C grade in the following: BSCI 11010 and UC 10001 and one course from Kent Core Mathematics and Critical Reasoning category; and minimum 2.700 overall GPA; Nursing ADN major; and admission to technical study; and special approval from the nursing director.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 3 lab, 3 other

**Grade Mode:** Standard Letter

**NRST 20015 MENTAL HEALTH NURSING 3 Credit Hours**

The focus of this course is to facilitate the integration of knowledge, skills, attitudes, and clinical decision making when providing mental health nursing care for patients, families, and the community.

**Prerequisite:** Minimum C grade in the following NRST 10011 and NRST 10012 and PSYC 11762; and minimum 2.000 overall GPA; and nursing ADN major.

**Schedule Type:** Clinical Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2.2 lecture, .3 lab, 2.1 other

**Grade Mode:** Standard Letter

**NRST 20022 NURSING II 6 Credit Hours**

Course is designed to facilitate integration of knowledge, skills, attitudes and clinical decision making in the nursing care of individuals and groups of patients with complex health care needs.

**Prerequisite:** Minimum C grade in the following courses BSCI 11020; and NRST 10013; and NRST 20214; and NRST 20015; and NUTR 23511 or NUTR 33512; and minimum 2.000 overall GPA; and Nursing ADN major.

**Pre/corequisite:** BSCI 20021 with a minimum C grade.

**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 1.5 lab, 7.5 other

**Grade Mode:** Standard Letter

**NRST 20023 NURSING III 6 Credit Hours**

Course is designed to facilitate the integration of knowledge, skills, attitudes and clinical decision making in the nursing care of individuals and groups of patients with critical health care needs.

**Prerequisite:** NRST 20022 with minimum C grade; and minimum 2.000 overall GPA; and Nursing ADN major.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 3 lecture, 1.5 lab, 7.5 other

**Grade Mode:** Standard Letter

**NRST 20092 ADN NURSING PRACTICE INTERNSHIP (ELR) 1-4 Credit Hours**

Opportunity for nursing practice is expanded to a selected population with complex health care needs. Focus is on increasing theoretical knowledge and using knowledge in complex care situations with patients and their families. Clinical practice will be guided by a clinical preceptor and assigned nursing faculty.

**Prerequisite:** NRST 10003 and NRST 10010 with a minimum C grade; and nursing adn major; and special approval.

**Schedule Type:** Clinical Laboratory

**Contact Hours:** 12 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**NRST 20205 PSYCHOSOCIAL SELF CARE DEFICITS 3 Credit Hours**

Course focus is on providing mental health nursing care utilizing the nursing process for the emotionally ill client, family and community with psychiatric mental health needs. Emphasis is placed on understanding holistic human needs and promotion of the professional therapeutic nurse-client relationship.

**Prerequisite:** Minimum C grade in BSCI 11020, NRST 10003, NRST 10010, NUTR 23511 (or NUTR 33512) and PSYC 11762; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture

**Contact Hours:** 2 lecture, .333 lab, 2.667 other

**Grade Mode:** Standard Letter

**NRST 20206 NURSING AGENCY II 5 Credit Hours**

Course focuses on nursing care of adults with intermediate therapeutic self-care demands. Emphasis is placed on the nurse as a provider of care.

**Prerequisite:** Minimum C grade in BSCI 11020, BSCI 20021, NRST 10003, NRST 10010, NUTR 23511 (or NUTR 33512) and PSYC 11762; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture

**Contact Hours:** 2.5 lecture, 1.5 lab, 6 other

**Grade Mode:** Standard Letter

**NRST 20207 PSYCHOSOCIAL SELF-CARE DEFICITS 4 Credit Hours**

Course focus is on providing mental health nursing care utilizing the nursing process for the emotionally ill client, family and community with psychiatric mental health needs. Emphasis is placed on understanding holistic human needs and promotion of the professional therapeutic nurse-client relationships.

**Prerequisite:** Minimum C grade in NRST 10003, NUTR 33512 and PSYC 11762; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Lecture

**Contact Hours:** 3 lecture, .333 lab, 2.667 other

**Grade Mode:** Standard Letter

**NRST 20208 NURSING AGENCY III 6 Credit Hours**

Course covers nursing care of individuals with complex therapeutic self-care demands. Emphasis is placed on the nurse as provider and manager of patient care.

**Prerequisite:** Minimum C grade in NRST 20205, NRST 20206 and NURS 20950; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Combined Lecture and Lab

**Contact Hours:** 3 lecture, .5 lab, 8.5 other

**Grade Mode:** Standard Letter

**NRST 20209 MATERNAL/NEWBORN DEVELOPMENT SELF-CARE 2 Credit Hours**

Course covers nursing care of the expectant and newly-delivered family. The nursing approach acknowledges the mother's self-care abilities and dependent care agent role. Health deviations related to childbearing are incorporated.

**Prerequisite:** BSCI 11020, BSCI 20021, NRST 10003, NRST 10010, NURS 20950, NUTR 23511 (or NUTR 33512) and PSYC 11762; and nursing ADN major; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture

**Contact Hours:** 1 lecture, 3 other

**Grade Mode:** Standard Letter

**NRST 20210 CHILD AND FAMILY DEVELOPMENT SELF-CARE 2 Credit Hours**

Course covers family-centered nursing care of children. Developmental self-care requisites and common health deviations are emphasized.

**Prerequisite:** Minimum C grade in NRST 20205, NRST 20206 and NURS 20950; and minimum 2.000 overall GPA.

**Schedule Type:** Clinical Laboratory, Combined Lecture and Lab

**Contact Hours:** 1 lecture, .4 lab, 2.6 other

**Grade Mode:** Standard Letter

**NRST 20214 PHARMACOLOGY FOR NURSING II 2 Credit Hours**

Course is to expand the understanding of science of pharmacology and consider the role of the registered nurse in the preparation, management and administration of advanced medications. The course provides an in-depth description of the principles of pharmacodynamics and pharmacokinetics of advanced medications. The course will expand on understanding the action of advanced medications, safe administration practices and competence in drug calculations acquired in Pharmacology for Nursing I.

**Prerequisite:** NRST 10011 and NRST 10014 with a minimum C grade; and minimum 2.000 overall GPA; and Nursing ADN major.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NRST 20217 MATERNAL CHILD AND FAMILY NURSING 4 Credit Hours**

Course is to facilitate the integration of complex knowledge, skills, attitudes and clinical decision making in the nursing care of patients in maternal, child and family settings with an emphasis placed on prevalent and critical problems.

**Prerequisite:** Minimum grade of C in the following courses NRST 10013 and NRST 20214 and BSCI 11020; and NUTR 23511 or NUTR 33512; and minimum 2.000 overall GPA; and nursing ADN major.

**Pre/corequisite:** NURS 20950 and BSCI 20021 with a minimum C grade.

**Schedule Type:** Clinical Laboratory, Laboratory, Lecture, Combined Lecture and Lab

**Contact Hours:** 2 lecture, .75 lab, 5.25 other

**Grade Mode:** Standard Letter

**NRST 20219 TRANSITION TO NURSING PRACTICE 2 Credit Hours**

Course is to facilitate the student's transition into the profession of nursing and enhance student preparation to take the NCLEX-RN examination.

**Prerequisite:** NRST 20022 with a minimum C grade; and minimum 2.000 overall GPA; and nursing ADN major.

**Pre/corequisite:** NRST 20023 with a minimum C grade.

**Schedule Type:** Lecture

**Contact Hours:** 2 lecture

**Grade Mode:** Standard Letter

**NRST 21095 SPECIAL TOPICS 2-4 Credit Hours**

(Repeatable for credit) Scheduled topic of interest to students and faculty.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 2-4 lecture

**Grade Mode:** Standard Letter

**NRST 21096 INDIVIDUAL INVESTIGATION IN NURSING 1-3 Credit Hours**

(Repeatable for a total of 18 hours) Readings and/or investigation of nursing topics supervised by nursing faculty.

**Prerequisite:** Special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3 other

**Grade Mode:** Satisfactory/Unsatisfactory