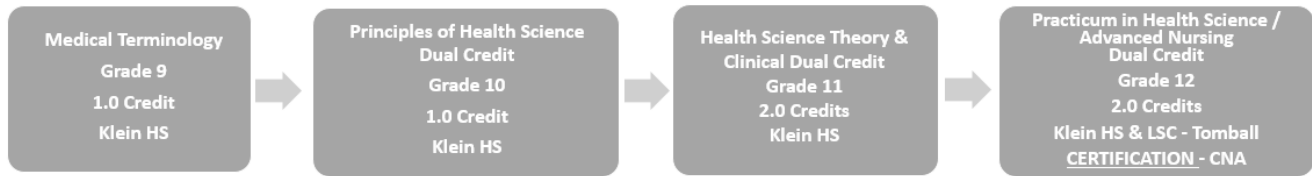


Public Service Pathway – Advanced Nursing



Courses that are inclusive for any Pathway or Endorsement are BIM I, Professional Communications, Touch System Data Entry and Career Preparation

Recommended Sequence
 Required Sequence

MEDICAL TERMINOLOGY FOR ADVANCED NURSING

KISD #: 927818 **PEIMS:** 13020300
Grades: 9 **1.0 Credit**
Prerequisite: Approval Process
Note: This course is for 9th grade students accepted into the Advanced Nursing Pathway at Klein High

Students will develop a working knowledge of the language of medicine and acquire word-building skills by learning prefixes, suffixes, word roots, abbreviations, and acronyms. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care.

Approval Process: Yes
Note: This course is offered to 9th graders at Klein High who have been accepted into the Advanced Nursing pathway.

PRINCIPLES OF HEALTH SCIENCE DUAL CREDIT

KISD #: 9265DC18 **PEIMS:** 13020200
Grades: 10 **1.0 Credit**
Prerequisite: Biology I and Medical Terminology and Approval

Students will gain knowledge and skills related to the healthcare industry. Content relates to patient relationships, working environments, and ethical and legal responsibilities. Entry-level skills will also be developed for taking vital signs, maintaining safety, and performing first aid and CPR. Introduction to basic human anatomy and physiology and medical terminology will prepare the student for a transition to clinical experiences in health care.

Required Fee/Materials: Yes
Approval Process: Yes
Advanced Grade Points: Yes
Dual Credit Correlation: VNSG 1304
Note: This course is for 10th graders at Klein High who have been accepted into the Advanced Nursing pathway.
Optional Certification: CPR

HEALTH SCIENCE THEORY/HEALTH SCIENCE CLINICAL DUAL CREDIT

KISD #: 9268DC18 **PEIMS:** 13020410
Grades: 11 **2.0 Credit**
Prerequisite: Principles of Health Science and Medical Terminology and Approval
Note: Instruction is provided at Klein High School

Students will develop knowledge and skills related to a wide variety of health careers. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. This course involves direct patient interaction for mastery of entry level nursing skills and competencies performed in a variety of health care settings with a focus on long term care. Students will master basic nursing skills and competencies for a variety of health care settings using the nursing process as the foundation for all nursing interventions. In addition, students will be introduced to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of drug classifications. Content includes the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. A uniform, name tag, stethoscope and professional liability insurance and other items may be required.

Required Fee/Materials: Yes
Advanced Grade Points: Yes
Transportation Needed: Yes
Approval Process: Yes
Dual Credit Correlation: VNSG 1226
Note: This course is offered to 11th graders who have been accepted into the Advanced Nursing pathway. This course is taught at Klein High School.

ANATOMY AND PHYSIOLOGY DUAL CREDIT

KISD #: 9271DC18

PEIMS: 13020600

Grades: 11-12

1.0 Credit/Science Credit Option

Prerequisite:

Biology I and Chemistry I

Students will conduct laboratory investigations/fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving to study the structure and function of the human body. Emphasis will be given to the study of cells and tissues and anatomical and physiological interrelationships of the integumentary, skeletal, muscular, and nervous systems. Designed primarily for students entering health careers. This course is also listed in the Science section of the Catalog.

Advanced Grade Points: Yes

Dual Credit Correlation: BIOL 2401

Required Fee/Materials: Yes

Students in the Nursing Transition Pathway may graduate high school under the Distinguished Plan with Endorsements in Public Service, Arts and Humanities and Multidisciplinary Advanced. Performance acknowledgements may include Dual Credit.

College courses will be taken through Lone Star College-Tomball. Upon successful completion of coursework, students will be eligible to obtain a Level 1 Nursing Assistant Certificate, the Certified Nurse Assistant (C.N.A) industry certification and an Associate of Arts Degree (AA) from Lone Star College prior to high school graduation.

Previously earned college credits will apply toward completion of the Level 2 Vocational Nursing Certificate. After completion of additional LVN coursework at Lone Star College-Tomball, students will apply for licensure, test and be able to practice as an LVN within a year after high school graduation. LVN graduates meeting Lone Star College and the State Board of Nursing requirements will transition to the Associate of Applied Science (AAS) RN program. After completion of two additional semesters, students will be dual degree, apply for licensure as a Registered Nurse (RN), test and be able to practice as an RN two years after high school graduation. Through Lone Star College articulation agreements, students may then apply to a number of Bachelor of Science in Nursing (BSN) programs.

PRACTICUM IN HEALTH SCIENCE - ADVANCED NURSING DUAL CREDIT

KISD #: 9266DC18

PEIMS: 13020500

Grades: 12

2.0 Credit

Prerequisite:

Health Science Theory/Health Science Clinical-Dual Credit

Note:

Instruction is provided at Lone Star College-Tomball

This course is an introduction to general principles of growth and development, primary health care needs of the patient across the life span, and therapeutic nursing interventions. The course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Students will observe and assist professional health care personnel in clinical/hospital environments under direct supervision by a clinical professional. This course involves direct patient interaction for mastery of nursing skills and competencies performed in a variety of health care settings with a focus on acute care. Students must be CPR certified and submit documentation of the following health screenings/status: Tuberculin skin test, proof of Rubella and Rubeola immunity, Varicella immunity, and Hepatitis B series immunization is required. Due to specific clinical/hospital requirements, student may be required to pass a criminal background check, drug screening, and/or verify personal health insurance coverage with insurer approved by the hospital/facility in order to participate in the course. Students will be notified at the beginning of the course if other facilities have additional requirements. A uniform, name tag, stethoscope, other supplies and professional liability insurance is required.

Required Fee/Materials: Yes

Advanced Grade Points: Yes

Transportation Needed: Yes

Approval Process: Yes

Dual Credit Correlation: VNSG 1160, VSNG 1323, VSNG 1400, VSNG 1260

Note: This course is offered to 12th graders who have been accepted into the Advanced Nursing pathway. This course is taught at Lone Star College – Tomball. College credential earned at the completion of the Pathway Certified Nursing Assistant (CNA)

Industry Certification: Nursing Assistant, Level I Certificate
Pathway College Credential: Associates of Arts Degree