

HOSA

WHAT IS HOSA?

The Health Occupations Students of America (HOSA) is a career and technology student organization recognized by the United States Department of Education. HOSA provides a unique program of leadership development, motivation and recognition to attract career-minded, qualified students to health care professions. HOSA, TA (Texas Association) is a state charter of National HOSA, consisting of local chapters and members who are currently enrolled in or associated with Health Science Technology Education Programs as conducted by or in secondary and post-secondary collegiate schools of Texas. HOSA students develop essential knowledge and skills that prepare them to explore and pursue a career in health care.

The CTEC HOSA Chapter is open to all students enrolled in a Health Science course at the CTEC. For students that are not enrolled in a CTEC Health Science course, there is also a HOSA chapter at each of the home campuses.

Frisco ISD HOSA is active in many community activities as well as local and national competitions. FISD HOSA sent 9 students to state its very first year, and 12 students advanced to nationals the second year! In addition to competition, there are social activities and field trip opportunities, as well as volunteer and community service opportunities.

HOSA Contact Information

CTEC HOSA

Advisor: Jaime Davidson MS, RN, CPNP
davidsoj@friscoisd.org

Frisco High HOSA

Advisor: Jan Swanson D.C.
swansonj@friscoisd.org

Centennial High HOSA

Advisor: Suzanne Tucker LAT
tuckerb@friscoisd.org

Wakeland High HOSA

Advisor: Tracey Bennett D.C., DABCO
bennettt@friscoisd.org

Liberty High HOSA

Advisors: Stephen Friar
friars@friscoisd.org
Mary Thomas
thomasmary@friscoisd.org

Heritage High HOSA

Advisor: Kari Lark RT(R)(M)(CT)
lark@friscoisd.org

Lone Star High HOSA

Advisors: Tysha Beaty ATC, LAT
beatyt@friscoisd.org
Raul Martinez LAT, RMTS
martiner@friscoisd.org

Independence High HOSA

Advisor: Rebecca Williams BSN, RN
williamsr@friscoisd.org

Reedy High HOSA

Advisor: Tina Basinger RN
basingert@friscoisd.org

Health Science & HOSA



“Health Science and HOSA
- A Healthy Partnership!”



Health Science 2

Prerequisite: Health Science, Application Required

2 Credits

11th–12th grade

This course is designed to give students practical application of previously studied knowledge and skills. Part of the course is spent in intensive training of skills and theory needed to pass the Certified Nurse Aide exam. The remainder of the course is spent on practicum experiences in a variety of health related locations such as hospitals. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. Additionally, this course is approved for Articulation credit with Collin College Course HPRS 1271. Students will qualify for articulation with Collin College by meeting the Student Learning Objectives as well as successfully passing the End of Course Exam. A variety of certifications such as OSHA and Advanced CPR/FA may also be offered in some sections of this course. This class is competitive and an application is required to enroll.

A TB test, flu shot and drug screen is required for this course. Materials fee required for this course. Students must provide their own transportation to and from off-campus site.

Practicum in Health Science Specialized Rotation (Health Science 3)

Prerequisite: Health Science 2, Application Required

2 Credits

12th grade

This course is an occupationally specific course designed to give students practical application of previously studied knowledge and skills for certification or licensure in an allied health career. Students continue development of clinical skills, including learning an Electrocardiogram Technical Certification. This course prepares students for employment in hospitals or other health care settings under the supervision of registered nurses or physicians. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions.

A TB test, flu shot and drug screen is required for this course. Materials fee required for this course. Students must provide their own transportation to and from off-campus site.

Practicum in Health Science Pharmacology

Prerequisite: Health Science, Application Required

1 Credits

12th grade

This course will equip students with knowledge, technical skills, and work habits required for an entry-level position in the pharmacy field or related area. They will develop an understanding of pharmaceuticals and its impact on the health care industry. Students will be given Sterile Products (IV) training prior to completion of the course and are eligible to sit for the National Sterile Products (IV). In addition, students will have the opportunity to sit for the Pharmacy Technician Certification Exam (PTCE) once they successfully complete the course and graduate.

A TB test, flu shot and drug screen is required for this course. Materials fee required for this course. Students must provide their own transportation to and from off-campus site.



Medical Microbiology

Prerequisite: Anatomy & Physiology

1/2 Credit

11th–12th grade

Medical Microbiology is a college preparatory and laboratory-oriented course that will provide opportunities for the student to identify and culture microorganisms that are of interest in the medical field. The student will learn lab techniques for working safely with microorganisms and will investigate the physiological effects of various microorganisms on the human body. The course is intended to provide high school exposure to microbiology concepts for the student who is particularly interested in a health-related career track or for the student who is interested in the biological sciences.

This course may count as 1/2 of the 4th science credit. Materials fee may be required for this course.

Pathophysiology

Prerequisite: Biology, Chemistry, Anatomy & Physiology

1/2 Credit

11th–12th grade

Pathophysiology is a college preparatory and laboratory-oriented course that will provide opportunities for the student to study the nature of disease, its causes, and the various affects diseases have on the human body. The student will apply proper lab techniques to the study of healthy and diseased tissue and be able to recognize samples of each. The course is intended for the student who is particularly interested in a health-related career track or for the student who is interested in the biological sciences.

This course may qualify as 1/2 of the 4th science credit. Materials fee may be required for this course.

