

Why an Academy?

Fort Bend ISD High School Academies exist to provide specialized learning communities with concentrated and robust course pathways comprised of career and academic classes.

Academies... Making a World of Difference Find out more about this program through the Fort Bend ISD website at www.fortbendisd.com.

For more information contact:

Hightower High School 3333 Hurricane Lane Missouri City, Texas 77459 (281) 634-5240

Campus Principal: Viretta West

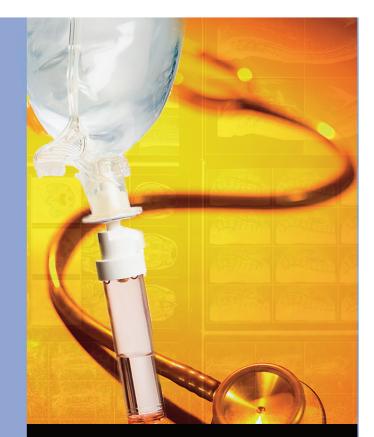
Academy Coordinator: Shelby Nilsen Shelby.Nilsen@fortbendisd.com (281) 634-3106



Fort Bend Independent School District 16431 Lexington Blvd. Sugar Land, Texas 77479 (281) 634-1000 www.fortbendisd.com

The Fort Bend Independent School District, as an equal opportunity educational provider and employer, does not discriminate on the basis of race, color, religion, gender, sex, national origin, disability and/or age in educational programs or activities that it operates or in employment decisions. The district is required by Tile VI and Tile VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, and the Age Discrimination Act of 1976, as amended, as well as board policy not to discriminate in such a manner. (Not all prohibited bases apply to all programs.) If you suspect discrimination please contact the following: Phillip O'Neal, Title IX Coordinator, for concerns regarding discrimination on the basis of sex: (281) 634-1900 or Kermit Spears in the Human Resources Department at (281) 634-1005. Section 504 Coordinator, for concerns regarding discrimination on the solis of disability: Contact Michael Ewing at at (281) 634-1131. All other concerns regarding discrimination please contact the following the Superintendent at (281) 634-1000. Sea4-0000

Produced by the Community Relations Department



Academies...Making a World of Difference

Medical Science Academy



Hightower High School • Medical Science Academy

OVERVIEW

- The Medical Science Academy exists to provide students opportunities to explore
- world-class medical facilities and position
- themselves for medical careers. The
- Academy offers four years of robust
- curriculum focused on a variety of medical
- science topics. With the knowledge and
- practical skills obtained, Academy students
- graduate with a decided advantage over
- others competing to enter collegiate medical
- programs. Academy curriculum features
- a comprehensive progression of courses
- ranging from basic medical concepts to advanced diagnostics.

APPLICATION

Students are selected based on

the following criteria:

- Completed application found on the Fort Bend ISD website
- It is recommended that students
 accomplete Algebra L prior to the sta
- complete Algebra I prior to the start of their 9th grade year
- Successful completion of all parts of the 7th grade STAAR exam
- 7th and 8th grade semester grades in math, science, ELA and social studies
- Math entrance exam
- Final acceptance is contingent upon successful completion of all 8th grade courses and all parts of the 8th grade STAAR exam

PROGRAM REQUIREMENTS/ COMMITMENTS

- Complete 5 Medical Science credits in a coherent sequence inclusive of Medical Terminology and Anatomy and Physiology as identified by the Medical Science Academy pathways on campus.
- Must be enrolled in preAP, AP, Honors or Dual Credit science all 4 years inclusive of Biology, Chemistry and Physics at the campus.
- Take and pass all appropriate course certifications.
- Participate in 4 approved medical science activities annually.
- Complete 100 hours of community service while enrolled in the Academy.

ACADEMY EXPECTATIONS

- Academy students must be enrolled in the appropriate sequence of academy and academic courses as outlined in the program guidelines at all times.
- Academy students must maintain a 75 or higher in all academy specific courses.
- Academy students must maintain a 70 or higher in all other courses.
- Academy students must complete 12.5 hours of community service each semester for a total of 25 hours per school year as approved by the Academy Coordinator.
- Academy students must participate in at least 1 enrichment activity per grading period as outlined by the Academy Coordinator.

FOUR YEAR ACADEMY COURSE PATHWAY

Five credits in a coherent sequence from one of the pathways below inclusive of the first courses listed:

Principles of Health Science (1) Medical Terminology (1) Anatomy and Physiology (1)

Students choose at least 2 credits from one of the pathways below:

Clinical Study -

- Health Science Theory (1) AND Health Science Clinical (1) – these courses must be taken concurrently
- Pharmacology (1)
- Practicum of Health Science (2)

Research -

- World Health Research (1)
- Health Infomatics (1)

Scientific -

- Medical Microbiology (1)
- Pathophysiology (1)

Course offerings are subject to change in the event that the Texas Education Agency makes changes to approved courses and/or due to low enrollment.

