



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:

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Produced by the Community Relations Department



Academies...Making a World of Difference



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
- Recommended that students 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 during the regular school year 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 or more credits in a coherent sequence from one of the pathways below inclusive of the first courses listed:

Principles of Health Science
Medical Terminology
Anatomy and Physiology

Students choose at least 2 credits from the following:

Health Science
Practicum in Health Science
Medical Microbiology
Pathophysiology

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.

