



## Why an Academy?

**Students can earn college credits while still in High School. They can also gain valuable experience through internship programs and the district's collaboration with industry, various universities and community colleges.**

**Academies...**  
Making a World of Difference

*Find out more about this program through the Fort Bend ISD website at [www.fortbendisd.com](http://www.fortbendisd.com) or by contacting the Marshall High School campus directly.*

**For more information contact:**

**Alonzo Reynolds III, Principal**

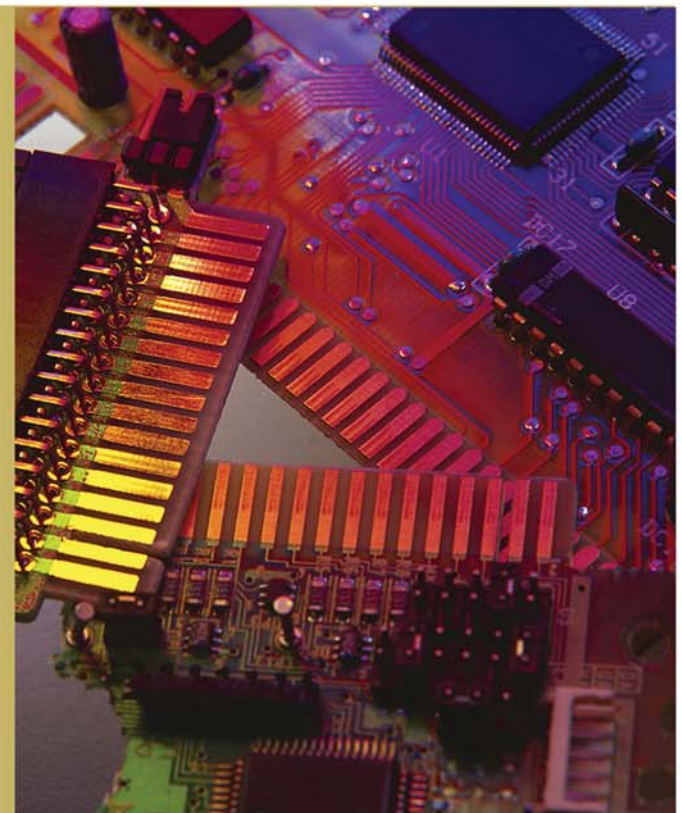
**Thurgood Marshall High School**  
1220 Buffalo Run Road  
Missouri City, TX 77489  
281-634-6630



**Fort Bend Independent School District**  
16431 Lexington Blvd.  
Sugar Land, Texas 77479  
281-634-1000  
[www.fortbendisd.com](http://www.fortbendisd.com)

It is policy of Fort Bend Independent School District not to discriminate on the basis of race, color national origin, sex, age, or disability in admission or access to, or treatment in, its programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; Title II of the Americans with Disabilities Act of 1990; Fort Bend I. S. D. will take steps to assure the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Sandra Scott-Bonner, Director of Administrative Services; and/or the Section 504 Coordinator, Dr. Robert Conlon, Director of Student Support Services at P.O. Box 1004, Sugar Land, TX 77487-1004, (281) 634-1000.

Produced by the Community Relations & Partnerships Department



**Academies...** Making a World of Difference

**Electronic  
Engineering  
Academy**

Fort Bend Independent School District  
**ACADEMY  
program**

# Marshall High School • Electronic Engineering Academy

## Engineering is...

*“the practical application of science, technology, & mathematics to commerce & industry”*

**Engineering is...** Correlating and integrating the core subjects of Mathematics, Sciences, English, and Social Sciences through hands-on implementation that is exciting.

**Engineering is...** Conducting research, design, and developing activities in relation to electrical and electronic components used in the manufacturing of instrumentation measurement & control, robotics, communications and tests to build useful intelligent systems.

**Engineering is...** Effectively conveying precise thoughts through listening, oral and technical writing communication skills. Mastery of these skill sets is mandatory in an increasingly, global-based worldwide community.

**Engineering is...** Building prototypes from theoretical designs for purposes of testing and proving theories and postulates conformance approximating the design objective.

## Career Opportunities

- Electrical/Electronic Engineering Design
- Computer Networking
- Manufacture Engineering
- Mechanical Engineering
- Communications Engineering
- Instrumentation & Control Systems Engineering
- Petroleum Engineering
- Engineering Project Management
- Robotics
- Process Control Engineering Technology
- Chemical Engineering Technology
- Sales and Support

## Learning Beyond the Classroom: Experience and Internships

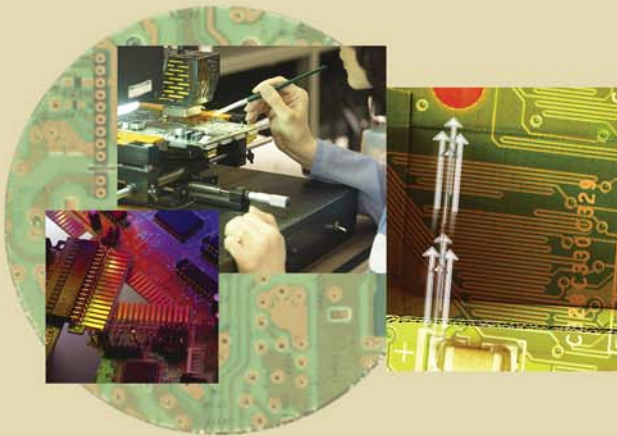
Seniors are afforded the option of participating in multiple internship tracks, supported by related engineering field trips and facilitated by the academy's industry partners.

Students qualify to receive up to 14 dual credits for Engineering Courses articulated with Houston Community College Northeast Energy Institute Campus.

**Students enrolled\* in this program are fast tracked to the 2-year Associates Applied Degree in:**

- Electronic Engineering Technology
- Instrumentation & Control Engineering Technology
- Process Control Engineering Technology
- Chemical Engineering Technology

*\* Students must pass all required TAKs and Thea Testing*



Fort Bend Independent School District  
**ACADEMY**  
program