

# Frequently Asked Questions

## Students

### What is the Application Committee looking for in an Academy student?

The Application Committee will consider the following information: (\*STAAR score will be waived for 2022-23 the application)

- Semester grades from courses taken in 7<sup>th</sup> & 8<sup>th</sup> grade - STAAR Scores from 7<sup>th</sup> & 8<sup>th</sup> grade
  - If you do not attend a FBISD middle school, but live in the FBISD attendance zone, you will be required to upload standardized test scores to your application. Examples of acceptable test scores: PSAT, SAT, IOWA, Stanford, TerraNova, PASS, etc.
- Math Entrance Exam score

### What are the requirements to stay in the academy after I'm accepted?

Students must:

- Complete 11 combination math and science courses as determined by the MSA Pathway.
- Stay enrolled in a PreAP, AP, Honors, or Dual Credit math and science course all four years at Dulles.
- Complete a Fundamental CompSci or Pre-AP and higher.
- Participate in four pre-approved enrichment activities each academic year and complete 100 hours of community service.
- Complete the Senior Project.
- Maintain a 75 or above in all academy classes and a 70 or above in all non-academy classes.

### What is the capstone course?

Must complete an independent senior project related to math and science field. Students will be responsible for the design and construction of a product of their choosing and will present their findings at the end of the year.

### Is transportation provided?

At this time the District picks up/drops off non-zoned Academy students at their zoned elementary campus.

### Will there be transportation provided for afterschool activities?

No, all students must have their own transportation if staying afterschool for an extra-curricular activity.

### What kind of jobs can I obtain with the skills I have mastered in the Academy?

- Future Engineer
- Future Researcher
- Future Software Developer
- Data Scientist
- Mathematician
- University Professor

### Where can I find details regarding Academy?

Visit the Academy website at

<https://www.fortbendisd.com/Domain/2402>

### What is an enrichment activity?

A pre-approved activity that is in addition to your course work that pertains to math, science, or engineering. Some examples are listed here:

- Attend academy student meetings
- Attend Math and Science Honor Society meetings
- Attend the Technology Student Association meetings
- Attend an MSA academy field trip
- Completed online math and science related courses

If you want to attend an event and want it to count as an enrichment activity, you will need to get prior approval from the academy coordinator.

### How can I reach the 100 hours of community service goal?

Hours are broken down to a minimum of 25 service hours per academic year. The Engineering Academy partners with EHS YES to track hours. YES and the Engineering Academy provides volunteering opportunities throughout the year and during the summer.

### Will there be events for me to attend before starting high school?

YES! There will be various events, including course selection night, socials, and orientation. A full list of events will be available after commitment.