

# The Middlesex County Academy for Science, Mathematics and Engineering Technologies

## FAQ's



### **What is the Academy?**

The Middlesex County Academy for Science, Mathematics and Engineering Technologies is a magnet school which focuses on science, mathematics, and engineering. The Academy is a free, public technical school that is part of the Middlesex County Vocational Technical School District and serves students in Middlesex County.

### **Who can apply?**

The Middlesex County Academy accepts applications from eighth grade students who are residents of Middlesex County, NJ.

### **How do I apply?**

Eighth grade students can obtain an application from their Middle School counselor or print one from our website at [mcvts.net](http://mcvts.net). The student must complete Page 1 (the student page) of the application and then hand it in to their counselor. The counselor then completes Page 2 (the counselor page) and forwards the application to the Academy by the established due date.

### **What must be included with my application?**

As the student, you only need to complete Page 1 of the application. Your counselor will attach the following records: final 7<sup>th</sup> grade report card, 1<sup>st</sup> Marking Period grades in 8<sup>th</sup> grade, NJASK (or equivalent standardized test scores) from grade 7, attendance report, discipline report.

### **What's on the Entrance test?**

The Academy Entrance test consists of three sections; Language Arts, Math and Writing.

### **How competitive is the field of applicants and what are the minimum requirements?**

There will be more applicants than available spaces. We rank all applicants based on academic records and performance on our Entrance Test. Students must have completed a full year of Algebra 1 to be eligible to attend the Academy.

### **How will I know if I qualify for acceptance?**

All qualified applicants will receive a phone call from the school to schedule an interview beginning in January. All interviewed students are either accepted or placed on the wait list. Should an opening occur, wait list applications will be reviewed for admission.

## Is transportation provided?

The Academy relies on the transportation department from each sending district. A bus provided by your residential school district will bring you to the Academy each morning and back home at the end of the day. We do not offer late buses.

## Will I only study Engineering?

The Academy provides students the entire curriculum mandated by the State of New Jersey in order to earn a high school diploma. Academy students are required to take four years of English, three years of History, four years of Physical Education, and at least two years of Spanish, in addition to their four years of Science, four years of Math, and four years of Engineering.

## Do I need previous experience in engineering?

NO! Most students who enter the Middlesex County Academy do not have previous experience with engineering. In a students' freshman year, they spend their first two marking periods in an exploratory program, where they are introduced to a number of concepts of both Electrical/Computer and Civil/Mechanical Engineering. They will make their decision about which engineering program suits them in January.

## Where's the gym and cafeteria?

Academy students are fortunate to use the facilities of Middlesex County College for Physical Education. Throughout the year, students use the gymnasium, pool, soccer fields and track for their class. As for lunch, most students bring lunch on a daily basis and use the available microwaves if needed. Upperclassmen are allowed to sign out and go to the MCC Student Center for lunch if they choose. Typically each week, there are special lunches available for purchase (through fundraisers) including weekly pizza sales. Students enjoy lunch in the Academy Commons.

## Profile of a Typical Successful Academy Student

Honors classes in Middle School

Mostly A's throughout Middle School

Affinity/Interest in Engineering

Likes a challenge

Hard-working

Scores Advanced Proficient on NJ ASK (some students have perfect scores!)

