Information for Applicants
Class of 2014

We emphasize excellence in Math, Science, and Technology

High Technology High School

The High Technology High School is a unique public high school administered by the Monmouth County Vocational School District. A pre-engineering career academy, High Technology High School offers a college preparatory program with an emphasis on technology, mathematics and science. The school serves the community by providing an exemplary learning experience for students interested in pursuing a career in engineering.

The school opened in September 1991 and is in partnership with Brookdale Community College to provide cutting edge support for all the programs.

Student Selection and Admission
Students are selected from applications via a competitive process and enter at the ninth grade level.

Applicants must reside in Monmouth County to be eligible for admission. All school districts in Monmouth County are eligible to participate in sending applications to the program.

Admission
To be eligible for admission the student must be enrolled in and successfully complete the eighth grade. Courses taken must include: English, Math, Science, and Social Studies.

Ninth Grade Courses of Study
All courses offered at the High Technology High School are designed to support the curricular theme of engineering.

The courses that the students will take in the ninth grade are:

Geometry	5 Credits	English I*	5 Credits
Lab Biology**	6 Credits	Social Studies (World History)*	5 Credits
French, Latin or Spanish	5 Credits	Phys Ed/Health	4 Credits
Introduction to Engineering Design**	5 Credits	Software Applications**	5 Credits
Research, Data Analysis, Study Skills	3 Credits		

* Integrated Humanities Curriculum
** Integrated Science/Technology Block

Transportation
The student's resident district will be responsible for transporting the student to the High Technology High School at Brookdale Community College.

Program Description
The school day begins at 7:40 AM and ends at 2:20 PM. The classes are scheduled in block time similar to a typical college program. Each day consists of a different schedule. Junior and Senior year courses of study include college level courses from the following areas: English, World Languages, Computer Programming, CADD, Digital Electronics, Civil Engineering and Architecture, and Engineering Design and Development.

Deadline for Applications is December 11, 2009*
**Parent and applicant MUST attend information session to obtain application. Schedule on reverse.*

Admission inquiries should be directed to our Central Office at 732- 431-6291
For further information regarding programs, contact the guidance office at the High Tech High School 732-842-8444

PO Box 119, Newman Springs Road, Lincroft, NJ 07738

www.hths.mcvsd.org

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Course Offerings

Science
Each student will complete four years of lab science: Biology (grade 9), Physics (grade 10), Chemistry (grade 11), and one of the following AP sciences (Biology, Chemistry, or Physics) in grade 12. Seniors may also elect to study Environmental Science in addition to the AP science of their choice.

Mathematics
The mathematics curriculum is a comprehensive program that includes: Geometry, Algebra 2, Trigonometry, Precalculus and Calculus. Options for AP Calculus AB & BC and Multivariable Calculus will be available for those students who qualify. A course in AP Statistics is offered to Seniors as an elective.

Technology
Students will follow a technology curriculum which, combined with their college preparatory mathematics and science courses, introduces them to the scope and rigor of a pre-engineering program. Required courses are Introduction to Engineering Design, Principles of Engineering and Computer Integrated Manufacturing. Optional courses at the Junior and Senior level are Digital Electronics, Civil Engineering and Architecture, Engineering Design and Development, or a variety of pre-engineering courses at Brookdale Community College, which include computer programming and CADD.

A one semester technology-focused, project-based mentorship is required for all Seniors. Students are placed in one of a variety of community businesses or industries to work under the guidance of a mentor two mornings per week.

Mandatory Information Session Dates

Saturday, October 3, 2009 - 10:00 am

Thursday, October 15, 2009 - 6:30 pm

Thursday, November 12, 2009 - 6:30 pm

Saturday, November 21, 2009 - 10:00 am

Directions

From the Garden State Parkway
Exit at Lincroft/Red Bank (Exit 109). Travel west 1.5 miles on Newman Springs Road (Rt. 520). The main gate of the campus is on the left. Park in Lot #4 and proceed on foot to HTHS (across the footbridge from Brookdale fitness center).

From the NJ Turnpike from the South
Exit at Hightstown (Exit 8) and take Rt. 33 east to Freehold. Then take Rt. 537 East to Colts Neck. At the Colts Neck Inn turn left onto Rt. 34 and continue to Phalanx Road (1st light) make a right. Stay on Phalanx for approximately 3 miles. College entrance will be on left. Park in Lot #4 and proceed on foot to HTHS (across the footbridge from Brookdale fitness center).

From the NJ Turnpike from the North
Exit at Woodbridge (Exit 11), take Garden State Parkway south. Stay in local lane to Exit 109. Proceed as above.

Alternate:
- NJ Turnpike to 7A, I195 East
- I195 East to Garden State Parkway
- Garden State Parkway North to Exit 109