

**INFORMATION FOR APPLICANTS  
CLASS OF 2010**

***WE EMPHASIZE EXCELLENCE IN MATH, SCIENCE, AND  
TECHNOLOGY***

Inquiries and requests for information packets should be directed to our Central Office at  
(732) 431-6291.

**B**iotechnology High School is Monmouth County Vocational School District's fifth Career Academy. Open ed in the fall of 2005, this school offers an exciting blend of college preparatory courses and real world application. All students will receive extensive exposure to research and lab skills, ethical decision making, critical thinking, problem solving, and information technology. Biotechnology electives are expected to include agriculture, medicine, and the environment.

**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 students 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 Biotechnology High School will integrate technology and the school's theme.

The anticipated courses for students in the ninth grade are:

Biotechnology I	5 Credits	Algebra or Geometry	5 Credits
English I	5 Credits	Chemistry	5 Credits
Fitness	2.5 Credits	World History	5 Credits
Health I	2 Credits	Spanish	5 Credits
Computer Applications	2.5 Credits	Research	1 Credit
		Ethics	2 Credits

**Total = 40 Credits**

The schedule will allow for interdisciplinary collaboration and thematic integration throughout the curriculum. Students will graduate with 160 credits.

**TRANSPORTATION**

The student's resident district will be responsible for transporting the student to the Biotechnology High School.

**PROGRAM DESCRIPTION**

The Biotechnology High School will be located in Freehold, New Jersey. Students will be enrolled full time and the school day will run from 7:35 am until 2:25 pm. Students take four years of academic college preparatory coursework. Students will be able to explore areas of interest through specialized course offerings, partnerships with higher education, and field-based experiences. Students and staff will engage in activities in cooperation with industry specialists at the school and in off-site facilities. This program began with the first ninth grade in September 2005. Additional ninth grade classes will be added in each subsequent year.

**Deadline for Applications is December 16, 2005**

## COURSE OFFERINGS

### Science

Each student will complete a minimum of 6 years of college preparatory lab sciences. The science sequence and the senior year science options are being designed in partnership with Rutgers University, NJIT and Monmouth University.

### Mathematics

The mathematics curriculum will be a comprehensive program that includes algebra, geometry, trigonometry and calculus. Students will be placed in the highest level of mathematics in accordance with their ability.

### English

The curriculum will place a heavy emphasis on reading and writing for real purposes as well as oral presentation skills. These skills will be integrated throughout the curriculum.

### Biotechnology

Students, over the course of four years, will be exposed to the knowledge and skills that are the backbone of this exciting, rapidly growing industry. Partnerships with industry and higher education will enhance student learning in a variety of ways, including field trips, guest speakers, research opportunities, and internships.

For further information regarding programs/curriculum, contact the Biotechnology High School at (732)431-7208.

### **Directions**

The Biotechnology information sessions will take place at the Monmouth County Agricultural Building, 4000 Kozloski Road, Freehold.

From the East: (Red Bank)

Follow Rt. 537 West. Make right onto Kozloski Road jug handle, then bear left for Kozloski Road South, cross Rt. 537 go to first light, make right to the Agricultural Building (brick building with white portico).

From the West:

Take Rt. 33 East to Freehold bear left for Rt. 33 Bypass. Stay on Rt. 33 Bypass to the Halls Mill Road North Exit. Continue through 3 traffic lights and Agricultural Building (brick building with white portico) is at 4th light on your left. (left turn lane).

From Route 18:

Follow Rt. 18 to Rt. 537 West – Exit 22B. Make right onto Kozloski Road South jug handle, then bear left for Kozloski Rd South, cross Rt. 537 go to first light, make right to the Agricultural Building (brick building with white portico).

## **M A N D A T O R Y   I N F O R M A T I O N   S E S S I O N S**

Wednesday, September 28, 2005 - 7 pm

Saturday, October 8, 2005 -10 am

Saturday, October 29, 2005 - 10 am

Monday, November 7, 2005 - 7 pm

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### **Contact Person**

Linda Eno

Principal

Kozloski Road, Freehold, NJ 07728

[www.mcvsd.org/bths](http://www.mcvsd.org/bths)