

APPLICATION PROCEDURES

1. Student, accompanied by a parent/guardian, must attend an information session. You may only apply to **one** school. You may attend as many information sessions as you like to help you decide which school is right for you. You must attend the information session for the school you apply to.
2. You may pick up materials about the academy you are visiting. (**You must obtain the application at the information session**). Applications will not be mailed. They may only be obtained at the mandatory information sessions.
3. Complete the application. Bring the application to your school so that the school portion can be completed and signed. Support materials MUST be included. (i.e., grade transcript).
4. Application deadline is December 9, 2011.
Completed application should be sent from your school to:

MCVSD Admissions
4000 Kozloski Road
PO Box 5033
Freehold, NJ 07728-5033
5. Take the admissions test on January 21, 2012

ADMISSION SCORING SCALE

Criteria for acceptance are:

A) Academic Grades	7th grade	15 points
	8th grade	15 points
B) Admissions Exam	Math	35 points
	Reading/Language	35 points
TOTAL POSSIBLE		100 points
Minimum Required		75 points

Frequently Asked Questions

- Q. What must be included with my application?**
A. The application completely filled out and signed by parent/guardian and school official, grade transcripts from 7th grade and first marking period 8th grade. The deadline for applications will be December 9, 2011. It is the applicant's responsibility to make sure that the application is in the MCVSD central office on or before the deadline.
Late applications WILL NOT be accepted.
- Q. How competitive is the field and what are the minimum requirements?**
A. In general there will be more applicants than available space. We assign scores to all applicants based on academic records and performance on our entrance exam. The maximum score is 100 and the minimum score is 75. Students in this range of scores generally average C+/B or better in middle school.
- Q. What happens if I am not accepted?**
A. If you are not accepted but you qualify (score of 75 or better), your application will remain on file. Should an opening occur, your application may be reconsidered.
- Q. What is on the entrance exam?**
A. The exam consists of mathematics and language arts sections. Multiple choice type questions are used throughout. The exam covers the New Jersey 8th Grade Core Curriculum Standards.
Remember: Picture ID is required for admission to the entrance exam.
- Q. What if I am sick and miss the test date?**
A. A make up test date will be administered based on the circumstances of the individual.

Deadline for Applications December 9, 2011

Q. How and when will I be notified of acceptance?

A. It will take approximately four weeks for all processing to be completed after the exam is done. All applicants who have taken the exam will be notified by mail whether they have been accepted or not.

Q. Will any special circumstances be considered for applicants?

A. Generally no, however the Superintendent of Schools has the authority to review unusual circumstances.

Q. Can I apply to more than one Career Academy?

A. You may only apply to one school. The Career Academies offer very specialized curricula. MCVSD attempts to match students to the most appropriate program for that student. One of the first steps in that process is for you to make a choice of the school that most fulfills your interest.

Q. How will I make arrangements for transportation and other costs?

A. The Monmouth County Vocational School District is a public school district. If you have been accepted your resident school district will be notified and all transportation and tuition costs will be provided by that district.

Q. How many students from an applicant pool will be offered an acceptance?

A. The highest ranking qualified (above 75) applicant from each applicant pool will be offered admission.

Q. What if that applicant declines the offer?

A. The entire applicant pool will be reconsidered if space permits. Total rank will be given priority over a student's district of residence.

Q. What district is a private school student from?

A. All students are considered from the 8th grade public school district in which they reside regardless of the school that they attend.

Q. Are there waiting lists?

A. Please note that in most years we over enroll in anticipation of some attrition. This means that if a student does not enroll in the school they may not necessarily be replaced. All applications are kept on file through the following school year. If an opening occurs, the applicant list will be reviewed for a replacement. Again, overall student ranking will be given priority, regardless of the applicant's residence.

Q. What if my resident district is outside Monmouth County?

A. Only Monmouth County residents will be considered for the Biotechnology High School, High Tech High School, the Academy of Allied Health and Science and the Communications High School of Monmouth County. Residents from outside Monmouth County are eligible to apply for the Marine Academy*. All non-Monmouth County residents are placed in a single "applicant pool".

* OCVTS operates a comparable program (MATES), therefore, Ocean County residents are not eligible to apply to MAST.

Any further questions should be directed to our Central Office at
(732) 431-6291

The MCVSD does not discriminate on the basis of race, creed, color, national origin, ancestry, age, marital status, affectional or sexual orientation, gender, religion, disability or socioeconomic status.

Information Sessions

Academy of Allied Health & Science

2325 Heck Avenue, Neptune, NJ 07753
732-775-0058

Wednesday, October 5, 2011 6:30 pm
Saturday, October 22, 2011 10:00 am
Wednesday, November 2, 2011 6:30 pm
Saturday, November 19, 2011 10:00 am

Communications High School

1740 New Bedford Road, Wall, NJ 07719
732-681-1010

Saturday, October 1, 2011 10:00 am
Wednesday, October 26, 2011 6:30 pm
Saturday, October 29, 2011 10:00 am
Wednesday, November 16, 2011 6:30 pm

Biotechnology High School

5000 Kozloski Road, Freehold, NJ 07728
732-431-7208

Thursday, October 13, 2011 6:30 pm
Saturday, October 22, 2011 10:00 am
Tuesday, November 1, 2011 6:30 pm
Saturday, November 5, 2011 10:00 am

High Technology High School

PO Box 119, Newman Springs Road
Lincroft, NJ 07738
732-842-8444

Saturday, October 15, 2011 10:00 am
Wednesday, October 26, 2011 6:30 pm
Saturday, November 5, 2011 10:00 am
Tuesday, November 15, 2011 6:30 pm

Marine Academy of Science & Technology

Building 305, Sandy Hook, NJ 07732
732-291-0995

Saturday, October 1, 2011 10:00 am
Thursday, October 6, 2011 6:30 pm
Saturday, October 15, 2011 10:00 am
Thursday, November 3, 2011 6:30 pm

MANDATORY

INFORMATION FOR APPLICANTS CLASS OF 2016

WE EMPHASIZE EXCELLENCE IN HEALTH SCIENCE AND TECHNOLOGY

The Academy of Allied Health and Science is a twenty-first century public high school administered by the Monmouth County Vocational School District. The Academy of Allied Health & Science prepares and motivates students to pursue further education towards a career in the medical sciences through a rigorous specialized curriculum and community-based partnerships, inspiring students to serve society with compassion, skill, and vision. The school serves the community by providing an exemplary learning experience for students whose interests coincide with the Academy's curriculum.

The Academy opened in September, 1996. Our students have been an important part of the development of this exciting program. The Academy is located in Neptune in close proximity to several medical facilities and organizations that can interface with students and staff.

STUDENT SELECTION AND ADMISSION

Students are selected from applications via a competitive process and normally 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 should be enrolled in and successfully complete the eighth grade program in elementary school that should include: English, math, science, social studies.

NINTH GRADE COURSE OF STUDY

All courses offered at the Academy of Allied Health & Science have science, health and technology embedded as a central theme and emphasis.

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

Algebra, or Geometry	5 Credits	English I	5 Credits
Lab Biology	5 Credits	Social Studies	5 Credits
Latin or Spanish	5 Credits	Fitness for Life	3 Credits
Intro to Anatomy & Physiology/ Foundations of Health Care	5 Credits	Financial Literacy	2.5 Credits
Computer Applications	5 Credits		

The schedule will allow for team teaching and integration of medical concepts throughout the curriculum.

TRANSPORTATION

The student's resident district will be responsible for transporting the student to the Academy of Allied Health & Science in Neptune.

PROGRAM DESCRIPTION

The Academy of Allied Health & Science is located in close proximity to several medical facilities and organizations. Students are 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. Specializations will take place in health technologies and medical sciences. Students and staff will engage in activities in cooperation with medical specialists at the school and off-site medical facilities.

The Academy graduated its first class in June 2000 with 100% of students going on to two and four year colleges. In 2008, Allied Health saw its first alumni graduate from medical school.

Deadline for Applications is December 9, 2011*

**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/curriculum, contact the Academy of Allied Health and Science at 732-775-0058.

2325 Heck Avenue, Neptune, NJ 07753

www.aahs.mcvsd.org

Academy of Allied Health & Science

COURSE OFFERINGS

Science

Each student will complete seven units of lab science. The curriculum will include biology, chemistry, anatomy and physiology I and II, and physics. Seniors take college level courses, including Cell and Molecular Biology through Georgian Court University, along with courses through UMDNJ.

Mathematics

Students will take four years of mathematics. The mathematics curriculum includes algebra, geometry, pre-calculus and calculus. An option for AP Calculus AB or BC is available in the senior year for those students who qualify.

Computer Science

The curriculum will place a heavy emphasis on the use of computer technology in the allied health field. All ninth graders will take an introductory course in computer applications. The use of computers will be integrated throughout the rest of the curriculum.

Medical Technology/Allied Health

Students, over the course of four years, will be exposed to theoretical and practical experiences in health science. These will include medical laboratory work in classroom and clinical settings, patient care activities, and medical research simulations. All of these experiences will be enhanced by our modern facility, off site activities, and a challenging academic experience.

Students will have the opportunity to participate in internship and mentoring programs in ever increasing occupational categories, including:

Critical Care	Pharmacology	Veterinary Sciences
Dentistry	Physical Therapy	Public Health
EMT	Orthopedics	Neurology
Geriatrics	Podiatry	Cardiology
Hospital Administration	Nursing	Medical Laboratory
Radiology	Nutrition	Sports Medicine
Pediatrics	Respiratory Therapy	Surgery
Emergency Medicine		

MANDATORY INFORMATION SESSION DATES

Wednesday, October 5, 2011 - 6:30 pm

Saturday, October 22, 2011 - 10:00 am

Wednesday, November 2, 2011 - 6:30 pm

Saturday, November 19, 2011 - 10:00 am

DIRECTIONS

From the West - Route 195E connecting to 138E, follow 138E to overpass connecting to Route 18N. You will take a right turn on the right, sign says Eatontown 18N. Stay on route 18 sign says Neptune, Freehold junction Route 33. You will be exiting on the right, however stay to left at "V" in jug handle. This brings you to stoplight. Route 33 or Corlies Avenue is the road running horizontal at this intersection. Make a left at the light onto Corlies Ave. or Route 33. At the third light you will make a left onto Neptune Blvd. (the Schoolhouse Deli is on your left at this turn) you follow Neptune Blvd. Past the Library and High School on your left. At the end of the high school block, there is a crossroad named Heck Avenue, make a left onto Heck. As you turn onto Heck the Vocational School is the building on your right.

From the South - From the Parkway take Exit 100 that will put you on Route 33 E. Follow Route 33 for approximately 2 miles. After you pass Jersey Shore Medical Center at the next traffic light you will make a left onto Neptune Blvd. (the Schoolhouse Deli is on your left at this turn) you follow Neptune Blvd. Past the Library and High School on your left. At the end of the high school block, there is a crossroad named Heck Avenue, make a left onto Heck. As you turn onto Heck the Vocational School is the building on your right.

From the North - Parkway to Exit 102, this will be Asbury Avenue, this will change to Route 66E, follow that going east, you will see an entrance for Route 18, shortly thereafter there will be an exit

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Information for Applicants Class of 2016

WE EMPHASIZE EXCELLENCE IN MATH, SCIENCE, AND TECHNOLOGY

Biotechnology High School

B iotechnology High School is Monmouth County Vocational School District's fifth Career Academy. Opened in the fall of 2005, this school offers an exciting blend of college preparatory courses and real world application. Biotechnology High School is an IB World School and all students are IB diploma candidates. The curriculum provides extensive exposure to research and biotech lab skills as well as ethics, critical thinking, problem solving, and data analysis.

S **TUDENT 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.

A **DMISSION**
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.

N **INTH 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:

Intro Bio/Genetics	5	Credits	Geometry	5	Credits
Intro to Chem/Forensics	5	Credits	English I	5	Credits
Experimental Design	1	Credit	US I	5	Credits
BioEthics	2.5	Credits	Spanish	5	Credits
Computer Applications	2.5	Credits	Health I	2	Credits
Fitness I	2	Credits			
			Total = 40	Credits	

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

T **RANSPORTATION**
The student's resident district will be responsible for transporting the student to the Biotechnology High School.

P **Rogram Description**
The Biotechnology High School is located in Freehold, New Jersey. Students will be enrolled full time and the school day runs from 7:33 am until 2:15 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 and higher education at the school and in off-site facilities.

Deadline for Applications is December 9, 2011*

**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/curriculum, contact the Biotechnology High School at 732-431-7208.

5000 Kozloski Road, Freehold, NJ 07728
www.bths.mcvsd.org

COURSE OFFERINGS

Science

Each student will complete a minimum of 9 college preparatory lab science courses. 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 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.

MANDATORY INFORMATION SESSION DATES

Thursday, October 13, 2011 - 6:30 pm

Saturday, October 22, 2011 - 10:00 am

Tuesday, November 1, 2011 - 6:30 pm

Saturday, November 5, 2011 - 10:00 am

DIRECTIONS

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 and go through first light. Stay in right lane. Make a right into the first driveway (just past the police academy). Stay right in the driveway and follow it up to the top. Biotech is the large two story building on the left. Make a left into the parking lot.

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. Go under the overpass and turn right for Kozloski Road. Continue through the light (Center Street) and past East Freehold Park staying in the left lane. You are going to make a left (from the left turn lane) into the Career Center (Vica Way). It is one story brick building with a greenhouse. Drive through the parking lot in front of the Career Center. At the end, make a left onto the driveway of Biotechnology High School. Biotech is the large two story building on the left at the top of the driveway. Make a left at the top of the driveway into the parking lot.

From Route 18:

Follow Rt. 18 to Rt. 537 West - Exit 22B. Travel through the light, up into the residential area (about 3/4 mile). Make right onto Kozloski Road South jug handle, then bear left for Kozloski Rd South, cross Rt. 537 go through first light. Stay in right lane. Make a right into the first driveway. Stay right in the driveway and follow it up to the top. Biotech is the large two story building on the left. Make a left into the parking lot.

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Communications High School

INFORMATION FOR APPLICANTS

CLASS OF 2016

WE EMPHASIZE EXCELLENCE IN MATH, SCIENCE, AND TECHNOLOGY

The Communications High School is one of the five career academies administered by the Monmouth County Vocational School District. This school provides a college preparatory program with an emphasis on communication in the areas of Digital Media, Publishing, Digital Printing, Journalism, Commercial Art and TV/Radio Broadcasting. All college preparatory courses and theme related courses are offered at an honors level. The school serves the community by providing exemplary learning experiences for students in those areas and related fields.

The Academy opened in September, 2000 for students entering the ninth grade and are interested in communications.

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 Communications High School have communications and technology embedded as a central theme.

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

Speech Communications	2.5 Credits	Spanish	5 Credits
Communication Technology	2.5 Credits	Health/Fitness	5 Credits
Digital Video Production	2.5 Credits	Algebra or Geometry	5 Credits
TV/Radio Production I	2.5 Credits	Biology	5 Credits
English I	5 Credits	World Cultures	5 Credits
Total = 40 Credits			

TRANSPORTATION

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

PROGRAM DESCRIPTION

The Communications High School is located in Wall, New Jersey. Students are enrolled full time and the school day will run from 7:35 am until 2:20 pm. Students take four years of academic college preparatory coursework. Specializations will take place in visual communications and communication technologies. Students and staff will engage in activities in cooperation with communications specialists at the school and off-site facilities. Students will graduate with 160 credits.

Deadline for Applications is December 9, 2011*

*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/curriculum, contact the Communications High School at 732-681-1010

New Bedford Road, Wall, NJ 07719
www.chs.mcvsd.org

COURSE OFFERINGS

Science

Each student will complete four years of college prep lab science including biology, physics and chemistry.

Mathematics

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

English

The curriculum will place a heavy emphasis on the use of Journalism and Creative Writing in the communications field. English is integrated throughout the curriculum.

Communications

Students, over the course of four years, will be exposed to theoretical and practical experiences in the communications field. These will include networking laboratory work, publishing, animation, television and radio studio activities. All of these experiences will be enhanced by our newly renovated facility and a challenging academic experience.

Students will have the opportunity to participate in internship and mentoring programs in the following ever expanding occupational categories:

Desktop Publishing	Non-Linear Editing	Animation
Journalism PrePress	Electronic Imaging	On-Demand Printing
Television Broadcasting	Graphic Design	

MANDATORY INFORMATION SESSION DATES

Saturday, October 1, 2011 - 10:00 am

Wednesday, October 26, 2011 - 6:30 pm

Saturday, October 29, 2011 - 10:00 am

Wednesday, November 16, 2011 - 6:30 pm

DIRECTIONS

From the Parkway
Parkway to exit 98 – follow signs for Belmar (138 East). Go three lights and make a right on New Bedford Road. Go approximately 150 yards. Make 1st left into parking lot for Communications High School. CHS is located to the left of the Wall high school.

From Route 34
Follow Route 34 to Wall Township. Exit at 195 East (Belmar). Follow 195 to 138 East (stay straight). At third traffic light (New Bedford Road) make a right and proceed 150 yards. Make 1st left into parking lot for Communications High School. CHS is located to the left of the Wall high school.

From Route 35 South
Follow Route 35 South, past the Belmar Marina. Go under Route 195 overpass, past Sea Breeze Ford and make a right at next light (18th Avenue). Follow 18th Avenue to light, make right onto New Bedford Road. Make a right into parking lot for Communications High School. CHS is located to the left of the Wall high school.

From Route 35 North
Follow Route 35 North to 18th Avenue. Make a left turn onto 18th Avenue. Follow to first traffic light and make a right (New Bedford Road). Make right into parking lot for Communications High School. CHS is located to the left of the Wall high school.

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INFORMATION FOR APPLICANTS CLASS OF 2016

WE EMPHASIZE EXCELLENCE IN MATH, SCIENCE, AND TECHNOLOGY

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 9, 2011*

**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

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 15, 2011 - 10:00 am

Thursday, October 27, 2011 - 6:30 pm

Saturday, November 5, 2011 - 10:00 am

Tuesday, November 15, 2011 - 6:30 pm

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

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Information for Applicants Class of 2016

WE EMPHASIZE EXCELLENCE IN MATH, SCIENCE, AND TECHNOLOGY

The Marine Academy of Science and Technology (MAST) is a unique public high school administered by the Monmouth County Vocational School District. The high school curriculum is designed to serve the needs of students interested in marine science technology, systems engineering and mathematics. The school serves the community by providing an exemplary learning experience for students in those areas and related fields.

MAST has a military component requiring each student to participate in the Naval Junior Reserve Officer Training Corps (NJROTC).

STUDENT SELECTION

Students are selected from applications via a competitive process and enter at the ninth grade level. Applicants must reside in New Jersey to be eligible for admission.

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. Ocean County students are not eligible to apply.

NINTH GRADE COURSES OF STUDY

All courses offered at the Marine Academy of Science and Technology have science, math and technology infused as a central theme and emphasis. The courses that the students will take in the ninth grade are:

Algebra I or Geometry	5 Credits
English I	5 Credits
Marine Biology	10 Credits
World History	5 Credits
French, Spanish or Latin	5 Credits
Naval Science I	4 Credits
Family Life	1 Credit
Introduction to Technology (Design & Problem Solving)	5 Credits

The schedule will provide for team teaching and the integration of marine concepts throughout the curriculum. *The Blue Sea* is a 65' foot research vessel owned and operated by the Marine Academy and is used in all facets of the program.

TRANSPORTATION

The student's resident district will be responsible for transportation to the Marine Academy of Science and Technology at Sandy Hook.

PROGRAM DESCRIPTION

The school day begins at 7:53 AM and ends at 2:40 PM. MAST is located in historic Fort Hancock.

Marine Science and Systems Engineering are MAST's focus of study. All classes are scheduled in eighty minute blocks of time on an alternating day schedule. All students are enrolled in the Naval Junior Reserve Officer Training Corps (NJROTC) for four years. NJROTC participation does not require the fulfillment of a military commitment.

MAST is an open air campus adjacent to the Sandy Hook lighthouse.

Deadline for Applications is December 9, 2011*

**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 Marine Academy of Science and Technology
732-291-0995 ext. 400/401.

*Building 305, Sandy Hook, NJ 07732
www.mast.mcvsd.org*

COURSE OFFERINGS

Science / Technology

The science program and the technology program are closely related and offer classes that all students will enroll in for each year. For the first three years all students will be enrolled in both a science class: Marine Biology, Marine Chemistry, and Marine Physics; and a technology class: Technology I, CAD, and Systems Engineering I.

In the senior year students will opt to take either Oceanography or Systems Engineering II. The student who opts for Systems Engineering II will also take either AP Physics or Survey of the Marine Environment. The Oceanography option will include a research project and may include AP Physics or Survey of the Marine Environment.

The location of the school on Sandy Hook, affords students the unique opportunity to observe and study a variety of marine ecosystems. The course work is enhanced through the use of the school's research vessel, *The Blue Sea*, along with field and beach trips.

Mathematics

The mathematics curriculum is a comprehensive program that includes algebra, algebra II/pre-calculus, algebra II/trigonometry, geometry, pre-calculus, calculus, AP calculus AB/BC and statistics.

Computer Science

Computers are an integral part of all subjects. All ninth grade students take an introductory course in computer applications/data analysis. Emphasis is placed on the use of computer and integration throughout all curriculum areas.

Mentorship/Science Field Research

ALL students enrolled in Oceanography or Systems Engineering in Senior year are required to fulfill a mentorship requirement as part of course requirements for graduation.

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Bus. Admin/Bd. Sec'y

Joseph Senerchia
*Dir. of Pupil Personnel
Services*

Building Administration

Paul Christopher, Ed.D.
Principal

MANDATORY INFORMATION SESSION DATES

Saturday, October 1, 2011 - 10:00 am

Thursday, October 6, 2011 - 6:30 pm

Saturday, October 15, 2011 - 10:00 am

Thursday, November 3, 2011 - 6:30 pm

DIRECTIONS

From the North

Take the NJ Turnpike South (Exit 11) South or Rt. 287 South to the Garden State Parkway. Take the Garden State Parkway South (either express or local) to Exit 117. When leaving the parkway exit take Route 36 East (left) for approximately 12 miles to Gateway National Park Recreation Area, Sandy Hook (brown signs). This is about 20 minutes.

Upon entering Sandy Hook, proceed STRAIGHT on the access road (Hartshorne Drive). Approximately 2-3 miles from the entrance you will approach the Sandy Hook Ranger Station. Proceed straight for another 2-3 miles following signs for the Lighthouse until you reach a fork in the road (missile replicas are at fork). At the fork bear to the right, proceed for about 1/8 mile, the second building on the right is building 77 of the MAST campus.

From the South

Take the Garden State Parkway to Exit 105. When leaving exit booth go straight onto Rt. 36 East. As you follow this road it turns into Joline Avenue. Continue on Joline Avenue to Ocean Avenue (20 minutes). Make a left onto Ocean Avenue and follow the directions onto the Hook as above.

From the West

Take I195 East to Rt. 18 East. Take Rt. 18 to Highway 36 East. Follow same directions as from the SOUTH for Rt. 36.