



HUNTERDON COUNTY
VOCATIONAL SCHOOL DISTRICT
www.HCVSD.org

February 14, 2017

Dear Parents,

Hunterdon County Vocational School District (HCVSD) would like to inform you of an additional academic opportunity for your rising freshman. Recently, HCVSD established a new 4-year, full-time academy, Environmental Sustainability & Engineering Academy (ESEA). All rising freshman that reside in the county are eligible to apply for ESEA. Applications are currently being accepted until March 1, 2017.

ESEA is operated through a partnership between HCVSD and Voorhees High School (VHS) utilizing 40-acres of environmental and agriculture center located 2 miles from VHS. Established to create additional educational opportunities for students interested in pursuing careers in the fields of science, technology, engineering, and math, ESEA is unique in that it is the only full-time academy in the county that focuses on environmental science & engineering pathways. Utilizing the Curriculum for Agricultural Science Education (CASE), Project Lead the Way, and additional curriculum pertaining to AP Environmental Science and Sustainability, students will be introduced to engineering principles, resource management, marine biology, principles of sustainability, and environmental policy.

As a Career and Technical Education Academy, ESEA offers students collegiate credits through partnerships with Centenary, Rutgers and Rowan Universities, and Raritan Valley Community College in addition to traditional Advance Placement and Honors level courses. Additional occupational partners of ESEA include ExxonMobil and the Musconetong Watershed Association.

A tour and information session will be held February 21st at 3:30pm. Please contact Tanya Nalesnik at tnalesnik@hcvsd.org should you or your child wish to participate in this session to learn more about ESEA.

Regards,

Tanya Nalesnik
Assistant Business Administrator/
Student Services Coordinator



HUNTERDON COUNTY VOCATIONAL SCHOOL DISTRICT **ENVIRONMENTAL SUSTAINABILITY & ENGINEERING ACADEMY**

The Environmental Sustainability & Engineering Academy (ESEA) is the county's first school that focuses on environment-related issues as well as environmental engineering and sustainability occupations.

Through a partnership between Hunterdon County Vocational School District and Voorhees High School (VHS), the ESEA program will be utilizing 40-acres of environmental and agriculture land located 2 miles from VHS. The ESEA is being offered in both a full-time and shared-time format. Full-time students must apply going into freshman year of high school and will take their academic classes through Voorhees High School. Shared-time students can apply as sophomores for junior and senior years. Shared-time students will not become Voorhees students, and will split their school day between their high school and the ESEA.

Partnerships with Raritan Valley Community College, Rowan College at Burlington County, Rutgers School of Environmental & Biological Sciences, and Centenary will provide opportunity for college credits. Additionally several occupational partners including ExxonMobil, Hunterdon Healthcare System and the Musconetong Watershed Association which will provide internship opportunities and structured learning experiences.

Environmental Needs and Occupational Pathways:

- Sustainable water management
- Sustainable wastewater management
- Recycling/Environmental pollution
- Remediation needs for contaminated sites
- Offshore drilling/Hydraulic fracturing
- Weather/Meteorology/Climate change
- Marine biology
- Protection of natural resources
- Environmental policy

The academy's curriculum will consist of an alignment of;

- Curriculum for Agricultural Science Education (CASE) Natural Resources & Ecology 4-year high school program
- NJ High School's Green Program of Study Sustainable Energy 1st year course
- Advance Placement Environmental Science curricula
- Project Lead the Way's Introduction to Engineering 1st year high school course

The ESEA will introduce students to engineering principles, resource management, ecology, and all the aspects of a comprehensive environmental education.

Application deadline is March 1, 2017. To apply please visit www.hcvsd.org.
 For more information please contact Mrs. Stansfield at lstansfield@hcvsd.org or 908.788.1119 x2010