

# Agricultural and Environmental Sciences

February 12, 2013

I am writing to congratulate you on becoming “Honorary Ocean County FFA Chapter” members and invite you to use the information included in this packet to encourage those students who love nature and the environment to consider attending OCVTS to pursue Environmental Science. Please give consideration to those students who were not accepted into the MATES Academy. Allow students the opportunity to visit our program during the week of March 18-21.

Our students:

- Upon passing the National Exam with a 75 or better our students receive 7 college credits at Mercer County Community College, other colleges and courses in the Ag cluster are pending.
- Gain appropriate science credit to meet the high school graduation requirement
- Experience exciting “hands-on” activities, projects, and problems.
- Will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning.
- Will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community
- Participate in activities to develop and improve employability skills through practical applications.
- Explore career and post-secondary opportunities in each area of the course.

## **Topics covered in next year’s course include:**

- Conservation versus Preservation
- Ecosystems
- Energy
- Fisheries
- Geospatial Technology
- Global Natural Resources Issues
- Human Impact on Natural Resources
- Invasive Species
- Social Concerns
- Sustainability
- Water Conservation and Quality
- Wildlife Management

Sincerely,

Kim Ann Szulecki  
Agriculture and Environmental Science Instructor/FFA Advisor  
[kszulecki@mail.ocvts.org](mailto:kszulecki@mail.ocvts.org) 732-286-5665, ext. 3428