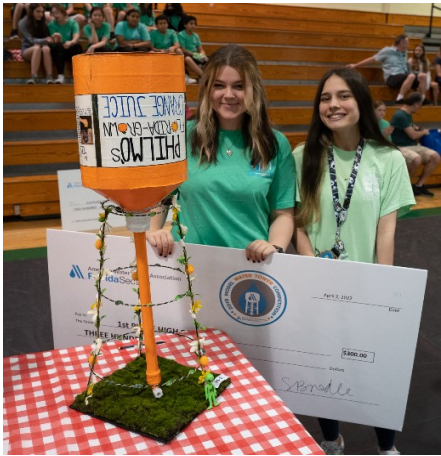


Sample Career Opportunities:



If you would like to become a Geologist, Environmental Engineer, Stormwater Engineer, Meteorologist, Marine Biologist, Zoologist, Game Warden, Forest Ranger, Hydrologist, or any career that involves our vast Ecosystems, then Seminole High School’s Water Resource Sustainability Program is your perfect fit!

| Occupation | Median Salary |
|---------------------------|---------------|
| Engineer | \$127,000 |
| Water Resource Specialist | \$114,000 |
| Water/Wastewater Engineer | \$76,000 |
| Civil Engineer | \$76,000 |
| Hydrologist | \$73,000 |
| Wastewater Operator | \$39,000 |

Program Partners:



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Seminole High School
Home of the Warhawks

**The Sustainable
Engineering
Academy’s
Water Resource
Sustainability
Program**



**Providing students with the most
comprehensive Environmental
Management, Water Sector, and
Sustainable Engineering
Technologies Education available.**



THE WATER RESOURCE SUSTAINABILITY PROGRAM



OUR MISSION

In support of Seminole High School's Mission Statement, The Sustainable Engineering Academy's Water Resource Sustainability Program (WRS) brings together faculty and staff to foster and build meaningful relationships with students and the community through relevant academic and extracurricular activities. It is a place where students grow intellectually and lead successful, fulfilling lives through rigorous training and modeling of skills within these fields that contribute to their future success. The program will provide every student within Seminole High School access to diverse STEAM educational offerings, internships, evaluations, and a positive educational experience that allows them to put knowledge into action. All students will be able to interact in meaningful ways that foster success leading to post-secondary and career readiness.



ACADEMICS

Seminole High School offers one of Pinellas County School's Career and Technical Education (CTAE) Programs known as the STEAM Academy's Water Resource Sustainability Program. The three core courses that the student will take are Introduction to Environmental Water Technology, Intermediate Environmental Water Technology, and Advanced Environmental Water Technology. Students may also choose to take Advanced Water Reclamation their senior year. Students may graduate with the following:

- Class "C" and "D" Drinking Water Operator and/or Wastewater Operator Licenses
- ESRI ArcGIS Desktop Entry Certification
- 14 CFR 107 Pilot's Certificate (License)



COURSES

Electives:

Freshmen/Sophomore: Environmental Tech. Careers
Junior/Senior: Advanced Environmental Management
Senior: Advanced Water Reclamation
All Grades: Science Research

WRS WORK FORCE PREP!

- Becoming a drinking water or wastewater operator will allow you to enter the workforce right after graduation.
- Students will be fully licensed by the DEP after completing 2,080 hours of "apprenticeship."
- Average salary for a licensed drinking water operator is \$40,000 a year as of 2017.
- There is a projected shortage over the next ten years that sees 37 percent of the water utility workforce retiring.



21st Century Learning Sustainable Engineering Academy

Student Centered Community