



Undersea Technology Apprenticeship Program Naval Undersea Warfare Center Division Newport

The Naval Undersea Warfare Center (NUWC) provides full-spectrum support for all aspects of undersea warfare (USW) for surface ships and submarines. We are the pre-eminent Navy resource for sonar, torpedoes, undersea warfare combat systems, undersea ranges, and autonomous undersea vehicles with unique in-house facilities, providing innovative USW solutions for the U.S. Navy of today and tomorrow.

The development of the next generation of scientists and engineers, which the U.S. Navy and economy are depending upon, is important to us. NUWC Division Newport has played a role in a variety of educational initiatives over the past few years, all with one goal – to expose students to the wonders of science and engineering. The Undersea Technology Apprenticeship Program was developed to provide an opportunity for up to 20 students to study part-time for three weeks during the summer along side NUWC Division Newport scientists and engineers. In the process, students gain valuable insights by working with advanced technology while developing real world applications of science and math lessons learned at school.

A session open exclusively to partner schools will run 29 June – 17 July 2020. Partner schools include; New Bedford HS, Greater New Bedford Vocational Technical HS, Rogers HS, Diman Regional Vocational Technical HS, and Dartmouth HS, and Mt. Hope HS. Students are required to attend program sessions each day from 0800 – 1200. Students who are still in high school will be encouraged to attend a robotics competition at the beginning of December. Student applications will be evaluated on the thought put into their essays, a letter of recommendation, and transcripts. In order to provide the opportunity to as many students as possible, new applicants will be given first priority. We expect students who apply to make this program their first priority during these three weeks; sports, band and other school activities will not be considered an excused absence from the program. If you have conflicts, the program slot will be given to another student.

Students must be under 18 years of age throughout the program and be United States citizens. The program is open to rising sophomores, juniors and seniors only. Students who attend all sessions and complete the program will receive a \$500 stipend. The program application is attached. The application deadline is March 31st, 2020. Please note that all application materials must be included for a student to be considered for an internship. Students will be notified at the beginning of May.

Applications should be mailed to:
Naval Undersea Warfare Center Division Newport
1176 Howell Street
Newport, RI 02841
Attn: Code 00T, Candida Desjardins, Building 80/UCTOC

Program questions may be directed to:
Candida Desjardins, Director Educational Outreach
401-536-8808
candida.desjardins@navy.mil

Please attach the following to this application:

1. Letter of recommendation from a science or math teacher
2. **OFFICIAL** transcript (with grades through the 2nd quarter of this year)
3. Three essays (minimum 400 words per-essay) that address the following topics:
 - a) Although it is early in your high school career, what career fields do you wish to pursue in college and why?
 - b) There are a lot of internship programs out there, why are you applying to this program in particular?
 - c) What was the last project that you worked on that you didn't want to put down? Explain some of the science behind it.