



Undersea Technology Apprentice 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 Apprentice Program** was developed to provide an opportunity for up to 20 students to study part time for three weeks during the summer alongside 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.

There will be two open sessions: July 20 through Aug. 7, 2020 and Aug. 10 -28, 2020.

Students are required to attend program sessions each day from 8 a.m. until noon. 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 can select a preference for which session they would like to attend, but we cannot guarantee which session a student will be placed in.

Students must be under 18 years of age throughout the program and be U.S. 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 below. **The application deadline is Wednesday, April 15 (extended from March 31).** Please note that all application materials must be included for a student to be considered for an internship. Accepted 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: Candida Desjardins, director, Educational Outreach, Building 80/UCTOC

Program questions may be directed to:

Candida Desjardins, director, Educational Outreach

401-536-8808 or 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 second 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.