

Naval Surface Warfare Center Philadelphia Division (NSWCPD) Naval Education Workplace Training (NEWT) Program – Summer 2021



PROGRAM

The NSWCPD Naval Education Workplace Training (NEWT) Program gives teachers a unique opportunity to gain hands-on experience, learning engineering skills and conducting research side by side with Navy engineers and scientists. This 8-week summer program will give teachers a taste of life as a professional engineer, and give them crucial insights that they will be able to bring back to their classrooms. Teachers will work with Navy mentors to develop demonstrations and curriculum materials, and will receive continued mentorship throughout the academic year including a classroom visit to give students a chance to interact directly with STEM professionals. Four teachers will be selected for the 2021 cohort.

SCHEDULE

- Quarterly Meetings (In-Person / Digital) (**Winter 2021 – Spring 2022**)
- 8 Weeks Full-Time Work in a Naval Science & Engineering Office (may be virtual) (**Summer 2021**)

ELIGIBILITY REQUIREMENTS

- Philadelphia public high school teacher,
- Coach of a Philadelphia Robotics Coalition affiliated robotics team, and
- United States Citizen.

Must maintain eligibility through May 2022.

INCENTIVES

- \$10,000 stipend for 15-month program, paid in installments.
- Navy scientist/engineer visits to classroom (may be virtual).
- Training in STEM topics such as CAD, Additive Manufacturing, Computer Programming, Project Management, and more.

APPLICATION

Apply online at
bit.ly/newt2021

Applications close
January 31, 2021

NEWT Program is a partnership between NSWCPD and the Philadelphia Robotics Coalition.

FULL CALENDAR AND ADDITIONAL DETAILS

January 31, 2021	Application Deadline
February 3, 2021	Acceptance/Waitlist Decisions shared with Applicants
February 10, 2021	Accepted Applicants commit to program and submit information for security clearance process.
March 15, 2021	Orientation meeting. 5:00–6:00pm via Zoom. Decision will be made on or before this date as to whether the summer session will be virtual or in-person. Complete payroll/employment paperwork.
May 10, 2021	Spring 2021 Quarterly Meeting. 5:00–6:00pm via Zoom.
June 14, 2021	Begin Summer Session. Participants work full time (9-5 M-F) in person at NSWCPD or virtually. (Yes, we know 6/14 is also the last day of work for SDP teachers. Accommodations will be made.) NEWT summer session is concurrent with the SEAP internship program for high school students and the NREIP internship program for college students. All three cohorts will collaborate through the summer.
June 21, 2021	Stipend payment 1: \$1000 gross (spring meetings, 1 week of summer session) NEWT participants will be paid as employees of Philadelphia Robotics Coalition Inc. Payment will be delivered by direct deposit.
July 5, 2021	Independence Day (observed). NEWT holiday.
July 21, 2021	Stipend payment 2: \$4000 gross (4 weeks of summer session)
August 6, 2021	Last day of Summer Session
August 20, 2021	Stipend payment 3: \$3000 gross (3 weeks of summer session)
School Year 2021-2022	Curriculum/Demonstration Implementation, Mentor Classroom Visits
Fall 2021, TBD	Quarterly Meeting
Winter 2022, TBD	Quarterly Meeting
Spring 2022, TBD	Quarterly Meeting
May 15, 2022	Final reporting/program evaluation due
May 20, 2022	Stipend payment 4: \$2000 gross (3 quarterly meetings, curriculum implementation, final reporting requirements met)

CONTACT

The NEWT Program is a partnership between NSWCPD and the Philadelphia Robotics Coalition.

Direct program questions (expectations, research topics, security clearances, etc) to **Tristan Wolfe** at nswcpd_stem@navy.mil.

Direct administrative questions (application process, payroll, etc) to **Gloria Weber** at contact@roboticscoalition.org.