



Title: Boatshop Programs Instructor

Hours: Part-Time Seasonal, Approximately 12 hours per week

Compensation: Hourly

Reports to: Boatshop Education Manager

Description:

The Boatshop Programs Instructor position is responsible for assisting in the teaching of the SAILOR (Science and Art, Innovative Learning On the River) Program along with the Boatshop Education Manager in Independence Seaport Museum's traditional wooden boatshop, the Workshop on the Water. The SAILOR Program's main goal is to use traditional wooden boatbuilding as a vehicle for teaching 9th through 12th grade Philadelphia students about key concepts in Math, Engineering, Science, Leadership, Teamwork, Design, and Tool Safety. In addition to teaching, the Boatshop Programs Instructor will help prep materials for classes and move construction forward in between classes. When needed, the Boatshop Programs Instructor will also assist the Education Manager in other non-SAILOR Boatshop Education programs.

Qualifications:

- At least 1 year of experience teaching hands-on project-based programming to wide-ranging audiences required, previous experience working with underserved youth a plus
- Experience using hand tools, power tools, and large equipment in a shop setting required, traditional wooden boatbuilding experience a plus
- Bachelor's Degree in Education, Science, a related field, or equivalent experience required
- Experience running youth leadership activities
- Previous experience handling small watercraft including power boats and rowboats, comfortable in and around the water
- Well versed in Botany, Physics, Engineering, Ecology, Mathematics
- Strong interpersonal communication
- Ability and willingness to engage with the public
- Flexibility and ability to take initiative
- Patience and attention to detail
- Basic computer skills including the use of an iPad
- Upon hiring, a PA Child Abuse History Clearance and State Criminal Record Check are required.

Duties:

- Educate students participating in the SAILOR Program in building a wooden boat from start to finish by co-teaching with our Boatshop Education Manager. Prior to the boatbuild, this includes intro lessons with topics ranging from Boat Nomenclature to the Physics of what makes boats float, as well as Tool Safety and Engineering through Lofting.
- When necessary, assist with prepping materials for the program by precutting wood, gathering supplies, or pushing the boat forward so it is ready for the next step in the build schedule before the next class.
- Prep non-boatshop related, educational materials for classes.
- Occasionally assist in additional boatshop programs that include teaching the general public, school groups, summer camps, and in-house programs from Elementary to Adult with hands-on project-based programming.
- Aid in the development of classes each week with the Education Manager, ensuring that the boats are on task with the build schedule, fair to all schools by spreading out work, and up to date for the designated Boat Launch day.

- Ensure all equipment belonging to SAILOR is properly stored and maintained before and after each class and inform students and anyone else using equipment as to the safe way to do so.
- Work with Education Manager and schools on assessments of SAILOR and SAILOR students.
- Perform other duties as assigned.

To apply:

Send a brief cover letter and your resume in an e-mail to David Dormond, Workshop on the Water's Boatshop Education Manager, at ddormond@phillyseaport.org. **Please include SAILOR Boatshop Programs Instructor in the subject line.** No phone calls.

Independence Seaport Museum deepens the appreciation, understanding and experience of the Philadelphia region's waterways through history, science, art and community. For more information, please visit phillyseaport.org.

Location: Independence Seaport Museum, 211 S. Columbus Blvd., Philadelphia, PA 19106. The Museum is easily accessible by public transportation and nearby parking.

Independence Seaport Museum is an equal opportunity employer committed to diversity in its visitors, board, and staff. The museum does not discriminate on the basis of race, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, age, disability, veteran status or any other legally protected class status. People demonstrating a commitment to diversity and multiculturalism in education are encouraged to apply.