

Job Code..... 101411  
Position #: (PTAA).... (NE)  
Developed by.....WLF  
Reviewed by.....DLJ  
Approved by..... LK  
Date: 01/07; 10/19; 11/19

**UNIVERSITY OF RHODE ISLAND**

**Position Description**

**TITLE:** Ship's Technician II  
**DIVISION:** Academic Affairs (Graduate School of Oceanography)  
**REPORTS TO:** Ship's Technician V  
**GRADE:** 10  
**SUPERVISES:** N / A

**BASIC FUNCTION:**

Provide technical support for science missions at sea. Participate in deck science operations. Assist in the operation, calibration, maintenance, and troubleshooting of various types of scientific instrumentation and shipboard computers. Help ensure integrity of scientific data collection systems and in the safekeeping of collected data.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

Participate in oceanographic research cruises of up to 35 days duration aboard URI research vessels or other vessels as assigned for up to 120 days per year.

Operate, maintain and troubleshoot equipment such as CTDs, water samplers, sonars, winches, oceanographic cable, satellite communication systems and navigation systems.

Maintain basic shipboard laboratory infrastructure as assigned.

Assist in maintenance and troubleshooting of computers and computer networks. Ensure accuracy, integrity and backup of collected data.

While at sea, help serve as the science party interface with the ship's crew. Participate in science operations on deck. Assist science party in use of shipboard equipment.

Follow proper protocols for use and storage of hazardous materials.

Write documentation and reports.

When ashore, perform preventative and corrective maintenance as assigned.

Occasionally work on weekends or after hours to prepare for sea-going operations.

**OTHER DUTIES AND RESPONSIBILITIES:**

Perform other duties as assigned.

**LICENSES, TOOLS AND EQUIPMENT:**

Personal computers; tools. Must possess (or be capable of obtaining within six months of employment) and maintain a valid driver's license, U.S. passport, and Transportation Worker Identification Credential (TWIC). Must have (or be capable of obtaining within six months of employment) certification to operate forklifts.

**ENVIRONMENTAL CONDITIONS:**

This position is subject to adverse environmental conditions due to working at sea for prolonged periods on a moving platform. Physical work on deck in severe and inclement weather. Occasional work in confined spaces at 8 psi. Climb vertical ladders and work at heights with proper safety equipment.

**QUALIFICATIONS:**

**REQUIRED:** Associate's degree OR an equivalent combination of post-secondary education and additional experience (i.e. military training, certification in an engineering, science, and/or computer related field, etc.); Demonstrated personal computer experience; Demonstrated experience using hand and power tools; Demonstrated evidence of physical capability and willingness to work on board ship for eight or twelve hour shifts for the entire length of a 35 day research cruise; Demonstrated ability and willingness to go to sea and travel for up to 45 days at a time; Demonstrated ability and willingness to perform physical work on deck in severe and inclement weather; Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; Demonstrated experience working in a close-quarters work environment; Demonstrated ability to work with diverse groups/populations; and, Demonstrated willingness to work flexible hours as required to support mission requirements. Must possess (or be capable of obtaining within six months of employment) and maintain a valid driver's license, U.S. passport, and Transportation Worker Identification Credential (TWIC). Must have (or be capable of obtaining within six months of employment) certification to operate forklifts.

**PREFERRED:** Associate's degree (or higher) in engineering, science or technical field; Demonstrated experience supporting science operations; Demonstrated training or experience in electronics repair or design, machine shop, computer hardware or software, mechanical repair, and/or skilled trades; and, Demonstrated experience in seamanship and/or navigation.

**ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.**