

The Center for Experimental Nuclear Physics and Astrophysics, **CENPA**, is one of the Department of Energy's Centers of Excellence in Nuclear Physics. We are a nuclear physics accelerator research laboratory with approximately 50 faculty, staff, graduate students and undergraduate employees located in the **North Physics Laboratory** on the main campus. The lab is also home to several small fundamental symmetries experiments. In addition, **CENPA** participates in several outside collaborations performing experiments in high energy physics and neutrino research.

CENPA has an outstanding opportunity for an **ELECTRONICS TECHNICIAN 3**. The successful candidate will be able to troubleshoot, repair, maintain, calibrate, and test mechanical, electro-mechanical, analog and/or digital equipment or apparatus such as monitoring devices, programming and timing devices, signal generators, meters, gauges, test chambers, oscilloscopes, power supplies, relay controls, and radiation measuring equipment. They will also be expected to isolate problems; perform mechanical, electro-mechanical, or electronic repairs; perform electronic repairs to system, board, or component level; and calibrate and/or test for proper operation. They should be able to work well with faculty, staff, and students to assist with and/or oversee simple design and construction projects, in house repairs, or vendor warranty repairs. They should maintain a well stocked and organized supply room and provide clear work space and working equipment for the general use of laboratory personnel. Familiarity with software based PCB design, layout, and fabrication is essential.

Job Duties:

- Electronic repair, parts ordering, shop organization, PCB layout and fabrication
- Communicate with vendors to maintain laboratory equipment
- Assist electronics design engineer with large scale electronics PCB production
- Help staff, graduate students, and post doctoral candidates with laboratory projects

Requirements: One year of experience as an Electronics Technician 2 in either general government or higher education, or four years of experience as an electronics technician or equivalent education and experience except where there are legal requirements such as license/certification/registration.

Desired skills: PCB design, layout, and fabrication experience, experience with ALLEGRO and CONCEPT by CADENCE, experience with surface mount soldering stations, surface parts mounting equipment, and surface mount board rework.

Contact: For more information please contact Gregory Harper at gharper@u.washington.edu