

UPDATE!

LOS MEDANOS
COLLEGE

Instrumentation ETEC Internship



East

Company:

Bay Municipal Utility District (EBMUD)

Locations: Oakland – Adeline Maintenance Center; and Upper San Leandro Water Treatment Plant; OR Oakland Wastewater Treatment Facility; OR Walnut Creek – Walnut Creek Treatment Plant

Position: Instrument Internship (2-3 positions available)

Dates: **September 27, 2021 – December 17, 2021 (~12 weeks, 16 - 20 Hours/Week)**

Shift/Hours: TBD by interns and EBMUD supervisors

Stipend: **\$27/hr. equivalent; up to \$6,480.** Prorated student stipends paid monthly through (PCF) Peralta Colleges Foundation. Requires enrollment in Los Medanos College (LMC) Cooperative Work Experience Education (CWEE) course & EBMUD worksite attendance. (No benefits provided).

Application: Email your **resume, cover letter, & informal transcript** to dioffice@ebmud.com

Due Date: **Monday, September 6**

Info/Help: Cynthia Perez-Nicholas, LMC Career Services. cperez@losmedanos.edu

EBMUD COVID VACCINATION REQUIREMENTS: EBMUD requires all employees and interns to provide written proof of vaccination. Those employees/interns with sincerely held religious beliefs or valid medical reasons as determined by EBMUD will be exempt from vaccination requirements. Please contact EBMUD Human Resources for additional questions.

Internship Description: Get hands-on experience and insights about the work of Instrument Technicians (Techs) and Instrument Workers in the water industry. During this internship, you will be assigned to assist EBMUD Instrument Techs as they monitor basic metering and recording instruments, log data on display equipment, and maintain communications and telemetering systems used in large metropolitan water distribution and wastewater facilities. You will have the opportunity to observe and assist Instrument Techs in performing their duties, including the following:

- Performing maintenance, repair, alteration, and installation of a variety of instruments
- Preparing the work site and ensuring that materials and tools are available as needed
- Using measuring, calibrating, testing instruments, and hand and power tools common to the trade
- Reading and interpreting basic wiring diagrams, codes, and sketches
- Keeping shop or field records and making reports
- Troubleshooting a variety of instruments
- Performing preventive maintenance inspections of metering control instruments, diagnosing existing or potential trouble; and cleaning, lubricating, calibrating, and adjusting as conditions require

Internship Requirements: To be selected for this internship opportunity, you must:

- Enroll in LMC's applicable CWEE course during Fall 2021 semester
- Have completed at least 2- 3 semesters of coursework towards your ETEC certificate from LMC.
- Have a grade point average of C or better in ETEC courses
- Possess strong aptitudes in Math (12th grade-level Arithmetic and Algebra); Reading Comprehension (12th grade-level reading); and Mechanical Spatial
- Possess general knowledge of standard hand and power tools and of materials, terms, practices and equipment used in electrical and instrument repair related to shop and field work and have experience using standard hand and power tools
- Be able to perform work which requires considerable manipulative and/or manual dexterity skills
- Be able to work in confined spaces and unusual spaces (e.g., sitting on a pipe) and outdoors (in a variety of weather conditions)
- Have an interest/plan to apply for EBMUD's Instrument Worker II exam including studying for the EBMUD Instrument Worker II exam