



EBMUD Engineering Aide/Internship and Co-op Program

Students will participate in Summer and/or Year-Round paid internship with the East Bay Municipal Utility District, that provide exposure and experiences in the role of an Engineer in the Water and Wastewater industry.

Program will begin Summer of 2023

\$31/hour

Engineering Aide – Summer and Year-Round Internship

General Duties:

Under the direction of an EBMUD engineer, you may perform the following:

- Assists professional engineering and technical personnel in a variety of design, operational, research, inspection, testing, and related activities.
- Assists surveying crew in dealing with rod and chain tasks, taking and recording measurements, locating and driving stakes, etc.
- Posts information to maps and drawings; may make field sketches or simple designs, calculations, and layouts.
- Makes office, laboratory, or field computations.
- Collects and compiles engineering data and statistics, researching information from a variety of sources as required.
- Performs field and laboratory tests and measurements of a variety of materials; records such results according to an established format.
- Maintains records and prepares reports according to an established format; may prepare charts, graphs, and similar materials for inclusion in such reports.
- Inspects drawings and information submitted by contractors for conformance with specifications; may assist in performing field inspections of construction projects.
- Learns to perform a variety of engineering and related technical duties in a practical setting.

Requirements:

- Be currently enrolled in an accredited four-year BS engineering program in the following disciplines (civil, electrical, mechanical, chemical, etc.).
- Sophomore, junior, or early senior status.
- Completion of at least one year of satisfactory study in engineering and relevant course work needed to perform the duties of the internship.
- Must possess physical characteristics to perform the critical and important duties of the job. Must be willing to work out of doors in a variety of climatic and geographic conditions.
- Must be willing to work overtime as needed.
- Must possess a valid California driver's license and have a satisfactory driving record.
- Be eligible to work in the US.

Desirable requirements

- Working knowledge of MS Office or other software (e.g. Adobe Pro, Blue Beam)
- Completion of the Water & Wastewater systems Design and Operation course.
- Coursework or experience in drafting/drawing preparation, static, dynamic, intermediate structural analysis, strength of material, surveying, and soil mechanics.
- Knowledge of mechanical equipment, welding processes, nondestructive testing, construction means and methods.

Application Instructions

Work location:

EBMUD Administrative Building in Downtown Oakland, and other site within the EBMUD service area (Alameda and Contra Costa County).

Work Schedule Details:

Summer Interns will work full time during the summer. Year-round interns will work full time during the summer, and part time (up to 20 hours/week) during the academic year. Students' work schedules will include every other Friday off and work will be coordinated with their supervisors.

If you have questions please email dioffice@ebmud.com and indicate in the subject line **EBMUD Engineering Aide - 2023**

Applicants must submit all the required items as listed below.

- 1) [Application form](#)
- 2) One page cover letter
- 3) Most current unofficial transcripts

To apply, go to:

<https://www.ebmud.com/jobs/internship-and-training-programs>

Click the link for the Engineering Aide position, complete the application, and forward all application materials to dioffice@ebmud.com, with the subject line **EBMUD Engineering Aide - 2023**.

For more information about EBMUD visit – <http://ebmud.com>