



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

# Engineering Year-Round Co-op Internship Program

Engineering Year-Round Co-op Internship

\$20/hour

July 1, 2022 - March 30, 2023

Students will participate in the Engineering Services' Year-Round Cooperative Education Program sponsored by The Metropolitan Water District of Southern California, Cal Poly Pomona Foundation, Inc., and Cal Poly Pomona's Center for Community Engagement. The program is designed to enhance students' academic curriculum along with work experience.

### Eligible for Co-op:

Students must currently major in engineering (civil, electrical, mechanical, chemical, etc.).

### Not Eligible for Co-op:

Seniors graduating during the timeframe of the year-round program are ineligible to apply.

## Engineering Year-Round Co-op Internship

### General Duties:

Under the direction of a Metropolitan engineer, you may perform the following:

- Engineering analyses;
- Engineering work such as calculations, design details, and various estimates for (e.g., water treatment facilities and distribution systems);
- Preparation of reports, spreadsheets, presentations, project schedules, and/or budgeting;
- Research and data analyses;
- Support fabrication inspection of structural steel, welded steel pipe, and other misc. duties at district facilities;
- Support field inspections, materials testing, related duties including maintaining project records;
- Participation in field work, site visits, and business support as required;
- And maintaining and filing of project records and technical standards and other project and business support work as required.

### Requirements:

- Currently enrolled in an accredited four-year BS engineering program with a minimum overall GPA of 2.5.
- Sophomore, junior, or early senior status. \*Seniors graduating in the timeframe of the year-round program are ineligible to apply.
- Completion of at least one year of satisfactory study in engineering and relevant course work needed to perform the duties of the internship.
- Eligible to work in the US.

### Desirable Requirements:

- Working knowledge of MS Office or other software (e.g., Adobe Pro, Blue Beam).
- 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, non-destructive testing, construction means and methods, water treatment plant operations, and water distribution systems.
- Effective verbal and written communication skills.

Application Instructions | Deadline: **February 15, 2022 - by 5 pm**

### Work Location:

Downtown Los Angeles and other facility sites, including La Verne, Hemet and Palos Verdes. See **Positions of Interest Form**.

### Work Schedule Details:

Year-round interns will work full-time during the summer (144 hours/month), 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. No overtime will be offered.

Applicants **must** submit all the **required seven steps** below:

- 1) Positions of Interest Form
- 2) Online application
- 3) One page cover letter
- 4) Resume
- 5) Most current unofficial transcripts with a minimum 2.5 GPA
- 6) Interview Availability Form
- 7) Final Step: Complete the online Co-Op Education Program form

To apply, go to:

<https://www.cpp.edu/cce/students/co-op-education/index.shtml>.

Click on the "Apply" button and follow the instructions.

For questions, please email [co-op@cpp.edu](mailto:co-op@cpp.edu) and indicate in the subject line **MWD – LA Co-Op CPP YR2022**.



### About Metropolitan

The Metropolitan Water District of Southern California is a state-established cooperative of 26 member agencies – cities and public water agencies – that serve 19 million people in six counties. Metropolitan imports water from the Colorado River and Northern California to supplement local supplies and helps its members develop increased water conservation, recycling, storage and other resource management programs.

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