



April 2024
STUDENT INTERNSHIP

STUDENT INTERN-ENGINEERING

DEFINITION

An internship for students interested in a career in engineering. Interns will work directly for professional engineers and will be given assignments related to engineering.

SUPERVISION RECEIVED

Receives supervision from the District Engineer and/or Principal Engineer. No supervision of staff is exercised.

SUPPLEMENTAL INFORMATION

Internships are to provide meaningful training and work experience for high school/college students pursuing academic studies related to the District's mission and goals. Interns must submit proof of high school enrollment and class schedules.

TYPICAL WORK ASSIGNMENTS

- Conduct data collection and research assignments related to wastewater infrastructure engineering.
- Develop design sketches and material specifications for potential improvement projects at the wastewater treatment plant.
- Develop cost estimates for potential improvement projects.

QUALIFICATIONS

- Completion or current enrollment in science and math classes comprehensive of physics, chemistry, algebra, and calculus.
- Demonstrated achievement in math and science courses, and higher-level math, science and technology course enrollment is desirable.

EDUCATION

- Enrolled in high school or a General Education Development/Diploma GED program.

PHYSICAL DEMANDS

Must possess mobility to work at a wastewater treatment plant; vision to read printed materials and a computer screen; and hearing and speech to communicate in person and over the telephone and radio. Employees must work both indoors and outdoors.

ENVIRONMENTAL ELEMENTS

A wastewater treatment plant contains many hazards that interns must safely navigate including loud noise levels, stairs, ladders, overhead work, fall hazards, chemicals, mechanical and/or electrical hazards, hazardous physical substances, odors, and fumes. Interns must have the ability to safely walk unsupervised through the District's facilities and follow all District safety policies.