

College to County Mentorship Program

Job Title: Engineering Technician 1

Seasonal Temporary Position: June through September

Job Salary: \$23.02/hr (30-40 hours per week, Monday – Friday)

Location: Bridge Shop (1403 SE Water Ave, Portland, OR 97214)

Multnomah County is seeking an Engineer Technician 1 (intern) to join the Bridge Section. You will assist in and/or perform engineering technician duties primarily on the Burnside Rehabilitation Project. You will have the opportunity to experience a variety of construction activities including concrete and rebar repair, joint replacement, in-water foundation repair, and steel painting application. You will interface with members of the surrounding community, the contracting team, professional engineers, and the County project management team. The learning objectives of this internship are to improve your knowledge of construction means and methods, develop your ability to make informed engineering decisions, recognize the value of stakeholder input, and become familiar with construction documentation.

The Multnomah County Bridge Division manages and maintains six Willamette River Bridges and over twenty smaller bridges elsewhere in the County. The Bridge Division is divided into three work groups, each with a unique function: Engineering, Operations, and Maintenance. The primary goal of the Bridge Division is to provide safe transportation facilities for the public (river traffic and car, bike and pedestrian traffic), to protect the public investment by preserving the historic bridges, and to help plan for the transportation needs of the 500,000 new residents expected in the Portland area by the year 2020.

This position will have an emphasis in the following duties:

Perform and/or assist with onsite construction inspection, review and provide comments on design changes, perform quantity take-offs and contractor cost reviews, and maintain project documents.

Education and Experience:

We are looking for someone with major course work in an engineering or surveying technology, construction management, or related field or two years of job training, internships, or work study experience and possession of or ability to obtain, an appropriate and valid driver's license.

- Basic knowledge of the fundamental principles of engineering mathematics and costing procedures.
- Basic knowledge of civil and structural automated and manual drafting principles and practices.

- Basic knowledge of traffic engineering fundamentals.
- Basic knowledge of road and/or bridge construction practices and procedures.
- Ability to perform designated shop and office duties as may be required such as using computer-aided drafting, project tracking, preparing and interpreting plans for construction, and/or understanding a variety of maps and drawings.
- Ability to communicate clearly both orally and in writing.

Veteran's Preference: Under Oregon Law, qualifying veterans may apply for veteran's preference for this recruitment. Review our veteran's preference website for details about eligibility and how to apply.

For veterans qualified for Veteran's Preference: If you believe you have skills that would transfer well to this position and/or special qualifications that relate to this position, please list those skills and/or qualifications in the box below. Clearly explain how those skills and/or qualifications apply.

Application Instructions:

Please fill out and submit an application for this position through the form also located at this [website](#). The deadline for submitting online application is March 31, 2019.