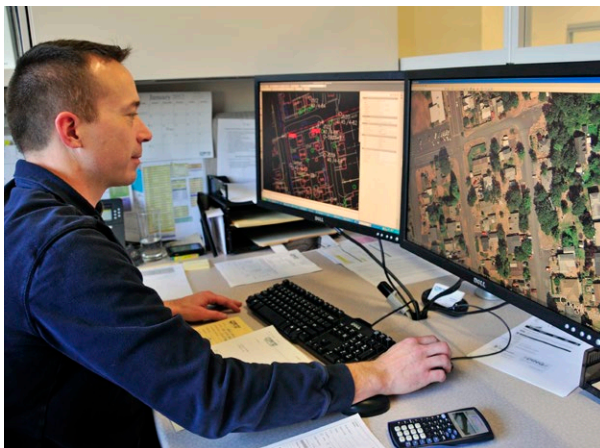


# 2018 Utility Engineering Internship Program

Electricity is an essential service in today's world, and there are thousands of electric utilities providing electric service to cities, towns, and rural areas throughout the United States. Their employees receive competitive wages and benefits in many challenging, stable, and unique career paths.

Over the next decade, the electric utility industry will hire many of today's best and brightest students to fill jobs left empty by the retirement of over half the industry's workforce. Opportunity is knocking – this is a great time to consider an electrifying career in our industry!

Electric utility employees come from a variety of backgrounds. Their duties vary greatly, but every job requires strong math, computer, and communication skills, and a deep commitment to customer service. Utility employees are also active members of the communities they serve.



## About this Engineering Internship Program

The PUD's Engineering Internship Program offers engineering students who reside in the PUD's service area a chance to learn about utility engineering careers through direct work experience.

The PUD offers engineering internships to high school seniors and college students who can demonstrate their interest in and pursuit of utility engineering careers. The internship pays \$15.14/hr.

## How To Apply

Complete the internship application and mail it with the required attachments to:

PUD Internship Team  
P.O. Box 1193  
St. Helens, OR 97051

Applications must be received at the PUD office by 5:30 p.m. on March 1, 2018. Incomplete or late applications will not be considered.

## Learn More About Utility Careers

We offer half-day and one-day job shadows to high school and college students who live in our service area and are considering careers in the electric utility industry.

To request a job shadow, contact our Human Resources Department at [jobs@crpud.org](mailto:jobs@crpud.org) or (503) 397-1844.

## Utility Engineering Careers

### Electrical Engineer (Power Engineer)

Provides engineering and project management for transmission, substation and distribution system projects. Completes sectionalizing and long-range system planning studies and designs electricity distribution system changes or enhancements to meet future needs.

Qualifications: Bachelor of Science in Electrical Engineering - Power or Energy Systems Option

Salary Range: \$77,000 - \$109,000

### Field Engineer

Designs electrical distribution facilities, including creating cost estimates, specifications and construction drawings. Works with customers who are building new homes or businesses.

Qualifications: Associate's degree in Electrical Engineering Technology

Salary Range: \$57,000 - \$92,000

## Utility Engineering Education Programs in the Northwest

Here are some examples of utility career education programs available regionally that qualify for this internship. This is not intended to be a complete list; there may be other programs that also qualify.

### Electrical (Power) Engineering Programs

Gonzaga University - Electrical Engineering

Oregon State University -

Electrical Engineering - Energy Systems Engineering

Oregon Institute of Technology -

Electrical Engineering

University of Portland - Electrical Engineering

Portland State University - Electrical Engineering

Seattle University - Electrical Engineering

University of Washington - Electrical Engineering

Washington State University - Electrical Engineering

### Engineering Technology Programs

Bates Technical College -

Electrical Engineering Technician

Bismarck State College -

Electric Power Technology - Electrical Transmission Systems Technology

Central Oregon Community College -

Engineering Technology

Portland Community College - Engineering





# 2018 Utility Engineering Internship Application

Columbia River PUD's Utility Engineering Internship Program offers students who reside in the PUD's service area a chance to learn about utility engineering careers through direct work experience. The PUD offers summer internships to high school seniors and college students who can demonstrate their interest in and pursuit of utility engineering careers.

## Applicant Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Email: \_\_\_\_\_

What utility career do you intend to pursue? \_\_\_\_\_

## Academics:

Provide certified copies of your high school and (if applicable) college transcripts. Your high school transcripts should show your SAT or ACT scores and a GPA of 2.5 or better.

## Driver's License:

You will be required to have a valid Oregon Driver's License if you are offered an engineering internship.

## Application Questions:

These questions will allow you to demonstrate your understanding of the engineering career you are pursuing. You may be as brief or as thorough as you would like in your responses. Please type your responses and submit them along with the other application materials.

- What is it that interests you about working in the electric utility industry?
- Why did you choose this specific career?
- What are some of the typical duties of someone in your career of choice?
- What three skills do you think would be most important in your chosen career?

## Essay:

Write a 500-word essay on the topic of your choice. Many high school courses, college application packets, and college courses require students to write essays. If you have written such an essay, you may use it for this portion of your application. Or, you may write an essay specifically for this application. The essay may be about any topic.

Mail completed application and required attachments to:  
PUD Internship Team, PO Box 1193, St. Helens, OR 97051  
Applications must be received by 5:30 p.m. on March 1, 2018

# 2018 Utility Engineering Internship Application

## Work Experience

Organization: \_\_\_\_\_ Dates of Employment: \_\_\_\_\_

Supervisor Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Duties: \_\_\_\_\_

Reason for Leaving: \_\_\_\_\_

Organization: \_\_\_\_\_ Dates of Employment: \_\_\_\_\_

Supervisor Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Duties: \_\_\_\_\_

Reason for Leaving: \_\_\_\_\_

Organization: \_\_\_\_\_ Dates of Employment: \_\_\_\_\_

Supervisor Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Duties: \_\_\_\_\_

Reason for Leaving: \_\_\_\_\_

Organization: \_\_\_\_\_ Dates of Employment: \_\_\_\_\_

Supervisor Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Duties: \_\_\_\_\_

Reason for Leaving: \_\_\_\_\_

I certify that the facts and information in this application and in any attachments or supporting documents are true and complete to the best of my knowledge. I understand that any falsification, misrepresentation or omissions will be cause for denial of employment or immediate termination, regardless of when or how discovered.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Mail completed application and required attachments to:  
PUD Internship Team, PO Box 1193, St. Helens, OR 97051  
Applications must be received by 5:30 p.m. on March 1, 2018