

Wastewater Operator Pre-certification Training

Program Director: Henry Jaen, P.E.

Occupational Outlook

What Water & Wastewater Operators Do

They manage a system of machines, often through the use of control boards, to transfer or treat water or wastewater. Operators monitor operating conditions, meters, and gauges.

Pay

2015 Median pay: \$44,790

Education

To become a certified operator, one must have a high school diploma or GED, successfully complete the necessary training, have the requisite approved operating experience, demonstrate laboratory proficiency and pass the state approved certification exam.

Job Outlook

Employment of water and waste water treatment plant and system operators is projected to grow 6 percent from 2014 to 2024. Job prospects are expected to be excellent.

Math for Wastewater Operators As an operator, you will use math on a daily basis. This course serves as a refresher for those who may feel intimidated by basic math, algebra, and solving word problems. This course is **strongly recommended** before taking the Basic Wastewater Lecture or Laboratory. No textbook.

Instructor: **S. Rider**

Tue & Thu, Jan 10, 12, 17, 6 – 8 pm, \$131, DCB 1735-07, SRC

Basic Wastewater Lecture

This course provides the knowledge base to keep a wastewater treatment plant operating efficiently. The characteristics of each individual process and how they work together are studied. Lead Instructor: **H. Jaen, P.E.**

Tue & Thu, Jan 19 – Apr 6, 6 – 9 pm, \$1029 (includes two texts), PSP 1502-10, KSU

Basic Wastewater Laboratory

This laboratory course is designed to enable the wastewater operator to perform laboratory procedures necessary to determine control strategies for efficient operation of a wastewater treatment plant. Instructor: **S. Rider**

Tue & Thu, Apr 11 – May 16, 6 – 9 pm, \$639 (includes text), PSP 1501-12, SRC

Activated Sludge Course

Required course for candidates applying for certification for an activated sludge or “A” facility. The course instructs how to efficiently operate the activated sludge portion of a wastewater treatment plant. Instructor: **W. Rice**

Tue & Thu, May 18 – Jun 20, 6 – 9 pm, \$569 (includes one text), PSP 1503-11, SRC

Renewal classes available spring 2017

- Advanced Lab Skills – Making Reagents in the Lab
- 3A Exam Review
- Stormwater Runoff Reduction
- Discharge Monitoring Report (DMR)
- Fixed Film Operations

SRC: Stone Ridge Campus

KSU: Kingston Center of SUNY Ulster

To register for courses, 845-339-2025, or http://www.sunyulster.edu/continuing_education/

For more information on any of these offerings: 845-687-5012 or songayla@sunyulster.edu

SUNY Ulster Department of Continuing & Professional Education