

# **UCC Water Quality Program**

Certifications, Testing, Online Courses & Continuing Education Units (CEU)

## **Level I Operator Certification – Testing Eligibility**

Oregon certifies water quality operators to ensure that the systems are managed in a manner that fully protects public health and the environment. State certifications are required in water treatment, water distribution, wastewater collection, and wastewater treatment. To become certified as a Level I operator requires:

- 12 months of related work experience or an approved combination of education and work experience
- Passing the certification exam offered through the State

For drinking water, students that complete either a) the UCC Water Quality Occupational Skills Training Certificate or b) the AAS degree, Applied Water Quality option, are eligible to take the Level I certification exams.

For wastewater, students enrolled in UCC's programs qualify to take the Level I exams as an "operator-in-training" (OIT). The student can take the certification exam at any time and after passing the exam have 3-years to complete the experience/education requirements.

## **Certification Review Course**

The water quality courses and programs at UCC will help prepare students for the Level I Operator Certification exams. In addition, UCC partners to host a 2-day Wastewater Certification Review Course each spring. Students that are taking water quality courses at UCC have the fees waived for the review course. The next Level I review course for wastewater collection and wastewater treatment is tentatively scheduled for March 28 & 29, 2017, at the UCC campus. See 2015 tri-fold flyer on pgs. 5 & 6 for more information.

## **Online Courses and Continuing Education Units (CEU)**

The certification program includes a series of four courses in water quality, including introductory courses in water treatment, water distribution, wastewater treatment, and wastewater collection. The course content for the UCC water quality courses are based on the Ken Kerri courses developed through Sacramento State University. These courses are available either on campus at UCC or online and they have been approved as continuing education units (CEUs) by OESAC for water and wastewater operators.

Water distribution is offered fall quarter, wastewater treatment and wastewater collection are offered winter quarter, and water treatment is offered spring quarter.

### **Operator Organizations**

The Umpqua Basin Operators Section (UBOS) of Pacific Northwest Clean Water Association (PNCWA) is an organization with membership of local water and wastewater operators. Visit the [UBOS](#) website.

UBOS provides free membership for students. The organization meets monthly. Student membership is a great way to network with local operators. UBOS and PNWCA provide annual scholarships for students. UBOS supports education for operators and partners with UCC to provide continuing education opportunities for operators

For more information contact Clay Baumgartner at 541-440-4683

Edited 07/06/2016

**CONTINUING EDUCATION UNITS**  
**WATER QUALITY**  
**2016/17 UMPQUA COMMUNITY COLLEGE OFFERINGS**

UCC offers four water quality courses that are approved by OESAC for CEUs. The courses are available either online or on campus through UCC.

These are introductory courses in water distribution, water treatment, wastewater collection, and wastewater treatment. Course content is based on the Ken Kerri courses developed through Sacramento State University. Courses also provide content to help study for Level I Certification testing.

Although the courses are offered online, courses are only offered during the same quarter the on-campus classes are scheduled. Following is a description of each course, approved CEUs, course cost, dates for course registration schedule for courses. At the end of this handout is information on how to register for a course. There is approximately 3 months (11-week period) available to complete each course.

UCC and the Umpqua Basin Operators Section (UBOS) of Pacific Northwest Clean Water Association (PNCWA) host a 2-day Wastewater Certification Review Course each spring. Students that are taking water quality courses at UCC have the fees waived for the review course. The next Level I review course for wastewater collection and wastewater treatment is tentatively scheduled for March 28 and 29, 2017, at the UCC campus.

Contact Clay Baumgartner, UCC Department Chair, at 541-440-4683 or [clay.baumgartner@umpqua.edu](mailto:clay.baumgartner@umpqua.edu) if you have questions about the courses or need assistance with registration.

**WATER**

**UCC Course: WQT 261 Water Distribution, 4 Credit Hours**

**OESAC Approval: DWP 3203 Water Distribution, 4 CEUs**

**Course Description:**

This course covers the fluid mechanics for pressure systems and operation and maintenance of water distribution systems. Operators and engineering technicians learn to analyze and solve problems when they occur and perform mathematical calculations commonly associated with operating a distribution system.

**Course Costs:**

Tuition & Fees: \$400xx?

Books: \$49

**Course Schedule:**

Fall quarter

Registration (May 9, 2016 – September 26, 2016)

Class Begins (September 26, 2016)

Class Ends (December 10, 2016)

## **WATER**

**UCC Course: WQT 260 Water Treatment, 3 Credit Hours**

**OESAC Approval: DWP 3202 Water Distribution, 2.9 CEUs**

### **Course Costs:**

Tuition & Fees: \$300xx?

Books: \$49

### **Course Schedule:**

Spring quarter

Registration (February 27, 2017 – April 3, 2017)

Class Begins (April 3, 2017)

Class Ends (May 29, 2017)

## **WASTEWATER**

**UCC Course: WQT 228 Wastewater Collection**

**OESAC Approval: DEQ 3201 Wastewater Collection, 2.9 CEUs**

### **Course Costs:**

Tuition & Fees: \$300xx?

Books: \$49

### **Course Schedule:**

Winter quarter

Registration (November 7, 2016 – January 9, 2017)

Class Begins (January 9, 2017)

Class Ends (March 25, 2017)

## **WASTEWATER**

**UCC Course: WQT 227 Wastewater Treatment**

**OESAC Approval: DEQ 3200 Wastewater Treatment, 2.9 CEUs**

### **Course Costs:**

Tuition & Fees: \$300xx?

Books: \$49

### **Course Schedule:**

Winter quarter

Registration (November 7, 2016 – January 9, 2017)

Class Begins (January 9, 2017)

Class Ends (March 25, 2017)



UCC is an equal opportunity employer & educator

# REGISTRATION FORM

(check all boxes that apply)

**Class: Level I & II**

Collections

Treatment

**Dates:** March 21 & 22

**Time:** 8:30 - 5:00 pm

**Cost:** \$325

**Class: Level III & IV**

Collections

Treatment

**Dates:** March 23 & 24

**Time:** 8:30 - 5:00 pm

**Cost:** \$325

Name (print): \_\_\_\_\_

Date of Birth: \_\_\_\_\_

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

City, St, Zip: \_\_\_\_\_

Day Phone: \_\_\_\_\_

Evening Phone: \_\_\_\_\_

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

Dietary Restrictions: \_\_\_\_\_  
\_\_\_\_\_

Visa or MasterCard Number: (circle type)

3-digit code (back of card) \_\_\_\_\_ Exp. \_\_\_\_\_

Signature: \_\_\_\_\_

## 3 WAYS TO REGISTER:

1. Online registration:  
[www.regonline.com/wwexamprep2016](http://www.regonline.com/wwexamprep2016)
2. Mail this form to:  
PO Box 967 Roseburg, OR 97470
3. Call Community and Workforce Training  
at 541-440-4668

**For more information, call  
Judy at (541) 440-7691**



# WASTEWATER TEST PREP

## CERTIFICATION REVIEW



COMMUNITY AND  
WORKFORCE TRAINING

[www.umpqua.edu/cwt](http://www.umpqua.edu/cwt)



# Wastewater Certification Review Class

## Collections Systems & Wastewater Treatment Plant Operators

### Class Schedule:

#### **LEVEL I & II**

March 21st & 22nd, 2016

8:30 am to 5:00 pm

Technology Center 119

UCC Campus

Cost: \$325

#### **LEVEL III & IV**

March 23rd & 24th, 2016

8:30 am to 5:00 pm

Technology Center 119

UCC Campus

Cost: \$325

### Course Description:

This 16-hour test prep course will help you prepare for the Wastewater Operator Certification Exam. The course includes study materials, continental breakfast and lunch each day.

1.5 CEUs approved by OESAC.

If you are interested in taking the DEQ Wastewater Exam, please visit:

**[www.deq.state.or.us/wq/opcert/opcert.htm](http://www.deq.state.or.us/wq/opcert/opcert.htm)**

The application can be downloaded here:

**[www.deq.state.or.us/wq/opcert/docs/forms/OpCertCompExam.pdf](http://www.deq.state.or.us/wq/opcert/docs/forms/OpCertCompExam.pdf)**

(the test is only available online)

### Instructor Bio:

#### **Michael Fritschi**

*General Manager*

*South Suburban Sanitary District, Klamath Falls*

Michael has a Bachelor's Degree in Environmental Engineering, taught Sanitary Engineering Practice and Management and has experience in Public Works. Michael holds a Grade IV WWTPO in Oregon and Grade V in California.

# UBOS

Umpqua Basin Operators' Section

— DEDICATED TO WATER QUALITY —



Umpqua Community College  
is an equal opportunity  
educator and employer.

# UCC

**UMPQUA COMMUNITY COLLEGE**  
COMMUNITY AND WORKFORCE TRAINING