

2017-2018

## Certificate of Achievement in Drinking Water Treatment and Distribution

Complete the following program of study (Major C.8401.CA). Major requirements (19 units minimum). The drinking water treatment and distribution certificate program is designed to provide skills and training to current and future water system employees. Students can learn about –treatment plant functions including pumping water, engineering systems, treatment strategies, dosing calculations and meeting state standards. The certificate also satisfies the state requirement to take the State Water Resources Quality Control Board certification exams for levels 1 through 5. Students can take basic and advanced courses and earn a certificate of achievement for the course sequence. There is another different sequence of classes for the waste water treatment certificate of achievement. Program advisories include English 125/126 and Math 201.

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Date: \_\_\_\_\_

### Course Overview and Selection

#### Required Core Courses:

Course	Course Description	Units	Completed	In Progress	Planned
<b>COUN 47</b>	Learning Strategies	<b>2</b>			
<b>OT 17</b>	Job Retention and Responsibilities	<b>1</b>			
<b>WTD 101</b>	Basic Wastewater Treatment and Distribution	<b>3</b>			
<b>WTD 102</b>	Advanced Wastewater Treatment	<b>3</b>			
<b>WTD 112</b>	Water Distribution	<b>3</b>			
<b>WTD 115</b>	Drinking Water Mathematics	<b>3</b>			
<b>ENGL 125</b>	Writing Skills for College	<b>4</b>			
<b>ENGL 1A</b>	Reading and Composition	<b>4</b>			

#### Program Learning Outcomes:

1. Educate and evaluate students as potential employees for the water treatment industry.
2. Explain the technical details used in the water treatment industry.
3. Qualify students to take the state exam in water treatment or water distribution to potentially progress up the operator level system.

#### Comments: