

# WATER QUALITY, CAREER PATHWAY CERTIFICATE OF COMPLETION

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The Water Quality Pathway Certificate provides foundational coursework that offers pathways to enter the workforce at entry-level positions as water and wastewater operators advance in job placement, or to continue with additional education and training. Pathway certificate course work alone will not provide sufficient education and/or experience to become certified as a Level I Operator.

## GRADUATION REQUIREMENTS

Students must complete a minimum of 15 credit hours with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better. Six (6) credits must be completed at Southwestern before the Career Pathway Certificate of Completion is awarded.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).

## PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of this program, the student will be able to:

- Apply the terms and concepts, including the mathematical skills necessary to pass the Level I Water and Wastewater certification examinations.
- Explain the maintenance and operation of water treatment, water distribution, wastewater treatment, and wastewater collection systems relative to operator job responsibilities.

## PROGRAM GUIDE

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
WQT226	Wastewater Treatment I - Liquids	3
WQT261	Water Distribution	4
<b>Credits</b>		<b>7</b>
<b>Winter</b>		
WQT227	Wastewater Treatment II - Solids	3
WQT228	Wastewater Collection Systems	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
WQT260	Water Treatment	3
<b>Credits</b>		<b>3</b>
<b>Total Credits</b>		<b>16</b>