

Course Title:	<p style="text-align: center;"> Wastewater Collections and Treatment 16 hours, 4-day ABC Licensure Exam Preparatory Course <i>“Levels 1-4”</i> 1.6 CEUs </p>
CEU’s Requested:	1.6 WW
Dates	Dec 20-23, 2021
Location:	Clackamas Community College, Oregon City, Oregon (Remote)
Sponsor:	Clackamas Community College, Oregon City, Oregon
Sponsor Contact:	Amber Steele
Contact Phone Number	503-594-3345
Contact Email:	amber.steele@clackamas.edu
OESAC Course Number:	9429
Course Summary:	<p>Our ABC Licensure Wastewater Collections and Treatment preparatory exam review. Upon successful completion of this workshop, students, levels 1 through 4, will understand the ABC need-to-know criteria as applied to the certification exam questions.</p>

Wastewater Collections and Treatment

4-Day ABC Licensure Exam

Preparatory Course

Dec 20-23, 2021

Location:

Clackamas Community College

19600 Molalla Avenue

Oregon City, Oregon

Training Center B

Room T150 (Remote)

Course Schedule

<u>Monday, December 20</u>		<u>Tuesday, December 21</u>	
8:00-9:00 am	Overview of Wastewater and Collections systems, ABC exam taking tips and suggestions	8:00-9:00 am	Mathematical wastewater conversions
9:00-9:45am	Mathematical wastewater dimensional analysis	9:00-9:45am	ABC Need to Know Criteria: Wastewater collection system operations and cleaning
9:45-10am	Break	9:45-10am	Break
10:00-11:00 am	ABC Need to Know Criteria: Wastewater collection system operations	10:00-11:00 am	ABC Need to Know Criteria: Wastewater collection system maintenance
11:00-11:45 am	ABC Need to Know Criteria: Wastewater collection system maintenance	11:00-11:45 am	ABC Need to Know Criteria: Wastewater secondary treatment plant processes
11:45-noon	Break	11:45-noon	Break
12:00 – 1:00	ABC Need to Know Criteria: Wastewater treatment plant operations (preliminary and primary)	12:00 – 1:00	ABC Need to Know Criteria: Wastewater tertiary treatment plant operations

<u>Wednesday, December 22</u>		<u>Thursday, December 23</u>	
8:00-9:00 am	Mathematical wastewater conversions	8:00-9:00 am	Mathematical wastewater conversions
9:00-9:45am	ABC Need to Know Criteria: Wastewater collection system operations and cleaning	9:00-9:45am	ABC Need to Know Criteria: Wastewater collection system operations and cleaning
9:45-10am	Break	9:45-10am	Break
10:00-11:00 am	ABC Need to Know Criteria: Wastewater collection system maintenance	10:00-11:00 am	ABC Need to Know Criteria: Wastewater collection system maintenance
11:00-11:45 am	ABC Need to Know Criteria: Wastewater treatment plant maintenance	11:00-11:45 am	ABC Need to Know Criteria: Wastewater treatment plant analytical procedures
11:45-noon	Break	11:45-noon	Break
12:00 – 1:00	ABC Need to Know Criteria: Wastewater treatment plant operations and solids handling	12:00 – 1:00	ABC Need to Know Criteria: Wastewater treatment and collections disinfection processes

School/facility Information

Amber Steele

Administrative Assistant

Clackamas Community College

Water & Environmental Technology

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The class will be taught by Matthew J. LaForce, Ph.D.

Dr. LaForce received his Masters of Science degree in geology and his doctoral degree in soil science working in inorganic environmental chemistry from the University of Idaho.

After completing his Ph.D., Doctor LaForce was a research associate at Sanford University in environmental chemistry and an assistant professor of hydrogeology at San Francisco State University.

Dr. LaForce is currently the departmental head of Engineering Sciences at Clackamas Community College. He has been instructing water and wastewater courses for over 20 years.