

ENVIRONMENTAL SCIENCE (ENV)

ENV 0500 Asplundh Utility Arborist Trainee (0 Credits)

Receive training as a utility arborist with a focus on the unique challenges and safety protocols related to utility line clearance.

ENV 0501 Wastewater Operator Certificate (0 Credits)

This class prepares students for the Connecticut Department of Energy and Environmental Protection Wastewater Operator Certification Examinations. This instructor lead class taught by practicing wastewater professionals and will use the instructional materials provided by the Office of Water Programs, California State University at Sacramento.

This course uses the following chapters from Operation of Wastewater Treatment Plants. Volume 1: Chapter 1, "Introduction to Wastewater Operation" Chapter 2, "Safety" ; Chapter 3, "Preliminary Treatment" Chapter 4, "Primary Treatment" chapter 8, "Lagoon Systems (Secondary Treatment)". This course is designed to give operators an overview of wastewater treatment plants and safe plant procedures and to train operators to safely and effectively operate preliminary and primary treatment processes as well as lagoon systems. This course uses the following chapters from Operation of Wastewater Treatment Plants. Volume 1: Chapter 5, "Activated Sludge Processes (Secondary Treatment)" Chapter 6, "Fixed Film Processes". This course is designed to train operators to safely and effectively operate secondary treatment processes at wastewater treatment plants. This course uses the following chapters from Operation of Wastewater Treatment Plants, Volume 1: Chapter 7, "Disinfection" Chapter 9, "Laboratory Procedures" Appendix A, "Introduction to Basic Math for Operators". This course is designed to train operators to safely and effectively operate disinfection processes, perform basic laboratory procedures at wastewater treatment plants, and use formulas and calculations to determine operating parameters and solve operational problems throughout wastewater treatment plants.

ENV 0502 Wasterwaste Operator Review (0 Credits)

This class prepares students for the Connecticut Department of Energy and Environmental Protection Wastewater Operator Certification Examinations. This instructor lead class taught by practicing wastewater professionals and will use the instructional materials provided by the Office of Water Programs, California State University at Sacramento. This class is for students that have already taken the online modules through CA State University at Sacramento, they are not able to repeat the online class but still need the exam prep. This course uses the following chapters from Operation of Wastewater Treatment Plants. Volume 1: Chapter 1, "Introduction to Wastewater Operation" Chapter 2, "Safety" Chapter 3, "Preliminary Treatment" Chapter 4, "Primary Treatment" Chapter 8, "Lagoon Systems (Secondary Treatment)". This course is designed to give operators an overview of wastewater treatment plants and safe plant procedures and to train operators to safely and effectively operate preliminary and primary treatment processes as well as lagoon systems. This course uses the following chapters from Operation of Wastewater Treatment Plants. Volume 1: Chapter 5, "Activated Sludge Processes (Secondary Treatment)" Chapter 6, "Fixed Film Processes". This course is designed to train operators to safely and effectively operate secondary treatment processes at wastewater treatment plants. This course uses the following chapters from Operation of Wastewater Treatment Plants. Volume 1: Chapter 7 "Disinfection" Chapter 9 "Laboratory Procedures" Appendix A, "Introduction to Basic Math for Operators". This course is designed to train operators to safely and effectively operate disinfection processes, perform basic laboratory procedures at wastewater treatment plants, and use formulas and calculations to determine operating parameters and solve operational problems throughout wastewater treatment plants.

ENV 0503 Wastewater Operations Plant Treatment Certificate (0 Credits)

Explore wastewater treatment plant operations, covering processes, regulations, and maintenance procedures.