



Lab School

Agenda

EGLE course#3240, up to 0.9 Technical CECs approved

Attn students: please confirm methods of testing your water system currently uses during registration. All methods will be touched on during class. Also, please wear closed-toe shoes, long pants, and no loose/flowing sleeves to class for your personal safety.

DAY ONE

8:00 AM – 8:30 AM	Check-In and Pre-Test (use chem and bacti to start)
8:30 AM – 9:30 AM	Intro to the Water Lab <i>Overview of equipment in a typical water lab</i>
9:30 AM – 10:45 AM	Compliance, Testing Methods, and Sampling <i>Review of rules and regulations followed by a deep dive into sampling procedures and testing methods for water bacteriology tests typically run in a water lab</i>
10:00 AM – 10:15 AM	BREAK
10:45 AM – 1:15 PM	Lab I <ul style="list-style-type: none">• Coliform test - will set up, learning the technique; also will have results to read• Plate count - will set up, learning the technique; also will have results to read
12:00 PM – 12:30 PM	LUNCH
1:15 PM – 2:45 PM	Administration of Labs <i>Discuss quality control, reading a Lab Report, how to keep proper records, discussion on the ethics involved in sample testing and reporting</i>

Day Two

8:00 AM – 10:00 AM	Intro to Chemistry Tests <i>A deep dive into sampling procedures and testing methods for critical water chemistry tests typically run in a water lab</i>
10:00 AM – 10:15 AM	BREAK
10:15 AM – 12:15 AM	Lab II <i>Chlorine test Turbidity test Titration test Fluoride test, if time allows</i>
12:00 PM – 12:30 PM	LUNCH
12:30 PM – 1:30 PM	Review concepts <i>Review all course material and discuss the specific challenges learners faced with the class and the expected future challenges</i>
1:30 PM – 2:00 PM	Post-test
2:00 PM	ADJOURN