

OPERATOR PROCESS CLASSES

Wednesday, August 29th, Rooms 215 and 217
Ocean City Convention Center, Maryland

Each class is limited to 40 students. 7.0 process credits are offered, plus an additional 3.5 credits for passing the exam at the end.

Groundwater Treatment Options

Due to its instant availability and quality, groundwater has become a prime source of drinking water around the country. This course is intended for public water system operators who use groundwater as their source of supply. Topics will include typical groundwater hydrology and surface and subsurface features of a typical production well. Ground water treatment options for water quality challenges will be introduced with emphasis on disinfection using chlorine, hypochlorite, UV, ozone, and chlorine dioxide. Regulatory challenges related to the disinfection byproducts rule are also addressed. *MDE TRE 6020-16-11: All WT (Process)*

Activated Sludge - BOD Removal and Nitrification

This activated sludge process class is designed to help wastewater operators understand the basic operations and control of activated sludge processes. The class will discuss activated sludge process modifications, their advantages and disadvantages, and long-term process control. Operators will explore the critical components and microbiology of activated sludge processes, how to develop effective sampling programs and analyze lab results, and how activated sludge processes relate to other wastewater treatment processes. *MDE TRE 5903-16-05: All WW; IWW 5, 6, and 7 (Process)*