

**Course Title:**            **Basic Chlorination and Disinfection**

**Contact Hours:**        7.0

**CEU Value:**            0.7

**Course Description:**

This course will provide the participant with an understanding of the following:

- Properties of chlorine
- Chlorination reactions and pH relationships (gaseous chlorine versus liquid hypochlorite)
- Free residual
- Combined residual
- Breakpoint chlorination
- Factors affecting chlorination
- Chlorination reactions with water and sewage
- Chlorination equipment
- Field and laboratory determination of residuals
- Dechlorination
- Dechlorination reactions and equipment
- CT concepts