

# Advanced Water Treatment

## **Course Overview**

This course is designed to provide an advanced overview of Water Treatment processes and methods. Course material consists of reading assignments, video lectures, review questions, study problems and lesson quizzes.

Course completion requires that the student successfully complete each component of each individual lesson. Review questions and written assignments must be submitted either online or uploaded in a Word document for the professor's review. Lesson quizzes have a minimum passing score of 70%.

Upon successful completion of the course requirements, students will receive a certificate of completion for 4.3 CEUs (43 contact hours) for the Advanced Water Treatment course, which is applicable toward a Certificate in Water Treatment Technology from American Water College.

## **Required Texts**

Textbook: Water Treatment Operator Training Handbook

Edition: Third Edition

Author: Nicholas Pizzi and William C. Lauer

ISBN: 978-1-58321-861-7

## **Educational Objectives**

- To provide students with an overview of water treatment processes
- To provide students with an advanced understanding of treatment processes at different stages of water treatment
- To acquaint students with the different components of a water treatment plant and their function