

Water Quality

Course Overview

This course is designed to provide an overview of water quality regulations, methods of compliance, instrumentation used to monitor and ensure water quality, and the analysis required to supply clean and safe drinking water to the public. 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 the Water Quality course, which is applicable toward a Certificate in Water Treatment Technology from American Water College.

Required Texts

Textbook: *Water Quality*, Principles and Practices of Water Supply Operations series

Edition: Fourth Edition

Author: Joseph A. Ritter

ISBN: 1-58321-780-0

Workbook: *Water Quality Student Workbook*, Principles and Practices of Water Supply Operations series

Edition: Fourth Edition

ISBN: 1-58321-798-3

Educational Objectives

- To provide an overview of state and federal water quality regulations
- To acquaint students with the instrumentation utilized in maintaining water quality
- To acquaint students with tests and methods of compliance
- To provide an overview of analysis and data monitoring

Water Quality

- To demonstrate the public's reliance on operators to provide clean and safe drinking water

Evaluation

Students will be graded on their performance on each lesson quiz, and their course participation. Unless each unit is completed, the student will not be permitted to advance to the next lesson, and the student will not be awarded credit for completion until all assignments, quizzes and lectures are completed. Please contact our office with any questions.

Support

Students can contact our student support staff with any course-related, content-related or technology-related inquiries. Our office hours are Monday-Thursday, 9 to 5 PST, and Friday 9-12 PST.

Contact Info:

Phone Number: (661) 940-1133

General Course Inquiries: Info@americanwatercollege.org

Student Support Manager direct email: Amy@americanwatercollege.org

IT Manager direct email: Katie@americanwatercollege.org

Additionally, students are encouraged to contact their professor directly with any questions or comments.