



Alaska Water Treatment Review (2.5 hours)

Course Syllabus

Purpose

This course covers information relevant to water treatment operators and is designed to be used for continuing education.

Topics

Corrosion Control

Fluoridation

Iron and Manganese Control

Lime Softening

CEUs (Contact Hours)

Upon completion of this course, you will receive a certificate for 0.25 CEUs (2.5 contact hours).

Completion Requirements

In order to receive [IACET CEU](#) credit for this course, you must complete the following:

- Complete each individual lesson module by watching the video lecture, completing the lesson handout, and passing the lesson quiz.

Once you have completed all of these elements, your course completion certificate will be automatically placed into your learning account for printing/downloading. It will remain in your learning account even after your course access has expired.

Learning Objectives

Corrosion Control Review

Upon completion of this lesson the student will be able to:

- Define corrosion control vocabulary
- Recall the factors affecting corrosion
- Describe the tools used to control corrosion
- Identify the LCR (Lead and Copper Rule) requirements

Fluoridation

Upon completion of this lesson the student will be able to:

- Define fluoridation vocabulary
- Recall fluoride chemicals
- Recall the regulations related to fluoridation
- Describe good fluoride process operation practices
- Describe the tests associated with fluoridation
- Recall key safety info associated with fluoridation

Iron and Manganese Control

Upon completion of this lesson the student will be able to:

- Define iron and manganese control vocabulary
- Describe the problems caused by excessive iron and manganese
- Describe the methods used for iron and manganese removal
- Describe the equipment used for iron and manganese removal
- Recall the regulations that apply to iron and manganese in drinking water
- Describe monitoring and operations of iron and manganese removal processes

Lime Softening

Upon completion of this lesson the student will be able to:

- Describe the effects of hard and soft water
- Describe the minerals causing water hardness
- Recall the various types of water hardness
- Recall the regulations that may affect the softening process
- Describe how softening chemical are properly stored and fed
- Describe how softening facilities are operated
- Recall tests used for operational control of the softening process

Support

Students can contact our student support staff with any course-related, content-related, or technology-related inquiries.

Our office hours are Monday-Thursday, 9-5 CT, and Friday 9-12 CT.

Contact Info

Phone Number: (661) 874-1655

General Course Inquiries: Info@americanwatercollege.org