

Operator Basics: Surface & Ground Water Systems

Certification & Credits

This course contains approximately 13 HOURS of reading and video-viewing content!

We cannot guarantee that you will receive CEUs for completing this course. However, we are able to vouch for the content and relevance of this course should individuals desire to apply for CEUs in their own state. We strongly recommend investigating this potential with your state's certifying organization **BEFORE** beginning this course.

Here is the breakdown of course content in HOURS. You can also download this information and give it to your certification organization to help them determine how many credits this course may (or may not) offer for you.

NOTE: In the original Operator Basics program it was generally accepted that 10 hours of work = 1 CEU.

UNIT	READING	VIDEO	TOTAL TIME
UNIT 1	0.2	0.2	0.4
The Basics: Public water supply and operator certification.			
UNIT 2	1.2	1.2	2.4
Sources: Types and characteristics of source waters.			
UNIT 3	1.4	1.2	2.6
Treatment: Conventional treatment and chemical removal.			
UNIT 4	1.1	1.0	2.1
Distribution and Storage: Drinking water distribution and storage components.			
UNIT 5	0.8	1.0	1.8
Pumps, Facilities and Controls: Well construction, location and pump components.			
UNIT 6	0.7	0.8	1.6
Regulations and Monitoring: Specific to surface water systems.			
UNIT 7	1.1	1.1	2.2
Operation and Management: Communications, records management and safety.			
TOTALS	6.5	6.5	13.0

Course Summary

Operator Basics: Surface & Ground Water Systems is an update of the Surface & Ground Water Systems module of the very popular Operator Basics course initially released in 2005. With the recent termination of Adobe Flash, the program in its native format is no longer functional. In an effort to continue access to these useful and valuable tools, we've taken the content from the original course and are presenting it using current technology.

While the primary audience for Operator Basics was small water systems operators much of the content in these programs is focused on basic hydrology, water quality, and community water system issues. This course may also be of benefit to a wide variety of professionals, such as local and state level policy makers and planners, educators, construction managers, landowners, natural resource managers, real estate professionals, and others.

Surface & Ground Water Systems is one of three separate modules in the Operator Basics training program. Operator Basics: Ground Water Systems is also updated and available! We plan to update Operator Basics: Wastewater Systems, in addition to a module including Exam Prep, Math Practice, and Water Explorations over the next several months



The original content of Operator Basics was created by the media development team at the Montana Water Center at Montana State University.

"This material is based upon work supported in part by the National Science Foundation EPSCoR Cooperative Agreement OIA-1757351"

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"Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation."

This course was created in partnership with and administrated by Academic Technology and Outreach of Montana State University.