

Montana Fall Water School
October 26, 27 and 28, 2021
For Montana's Water and Wastewater Operators

Student Union Building
Montana State University
Bozeman, MT

Register at

<https://eu.courses.montana.edu/CourseStatus.awp?&course=21FAWATER>

**Department of
Civil Engineering**

Montana's water and wastewater systems and the communities they support rely on qualified and trained system operators. The Montana Water and Wastewater Operators Initiative (MW²OI) is a collaborative effort to provide the most comprehensive training possible for Montana's operators. MW²OI is a partnership between the Montana Department of Environmental Quality, the Department of Civil Engineering and Academic Technology and Outreach at Montana State University, and the professional organizations representing Montana's water and wastewater system operators.

MW²OI is offering Fall 2021 Water School to continue the long tradition of operator training at Montana State University. The Fall Water School will be a 2½ day training event held in-person at the Strand Union Building at Montana State University in Bozeman, Montana on October 26-28, 2021

Knowledgeable speakers from around the nation will provide operators with important training on ways to improve their systems. The Fall 2021 Water School will focus on workshops with practical operational information that can readily be put into practice.

There will be 7 concurrent sessions covering a variety of topics, including:

- Regulatory review with Montana DEQ
- Water and wastewater certification review sessions (12-hour workshops each followed by administration of the certification exams)
- Water treatment unit operations control and optimization (8-hour workshop)
- Nitrogen and phosphorus removal optimization workshop focused on what wastewater operators should know about nitrogen and phosphorus removal and how to implement improvements often without new equipment. (8-hour workshop)
- Lead and copper regulations, processes, and solutions to prepare operators for upcoming changes to the lead and copper rule. (2-hour workshop)
- Asset management and condition assessment with examples from small systems (4-hour workshop)

205 Cobleigh Hall
P.O. Box 173900
Bozeman, MT 59717-3900
www.coe.montana.edu/ce

Tel 406-994-2111
Fax 406-994-6105
cedept@ce.montana.edu

- Pressure regulating valves operation and maintenance (4-hour hands-on workshop focused on assembling, setting and troubleshooting PRV's using a mobile training lab)
- Water distribution operations and maintenance (4-hour workshop)
- Wastewater collection operations and maintenance (4-hour workshop)
- Leak detection workshop (A 2-hour hands-on field workshop focused on practical field tips and techniques)
- Lessons learned from implementing water conservation measures in Montana (panel discussion with water utility leaders from around Montana)
- In-depth operator lead tour of Bozeman's Microfiltration Water Treatment Facility and Water Reclamation Facility focused on operation and maintenance.
- Funding water and wastewater projects in Montana
- Case studies on implementing advanced metering infrastructure, I&C and SCADA operations, starting up new water treatment plants, constructing wetlands for wastewater treatment, the Montana WARN network and more

In addition to the in-person events, the water treatment, water distribution and wastewater collection workshops will be live-streamed for operators who cannot attend the in-person training.

Registration for the Fall 2021 Water School is \$350. Registration includes access to all sessions, refreshments and the Welcome Back Social on Monday, October 26 at 5 pm.

Registration for the live-streamed workshops [4 hours on October 26 (1-5 pm), 8 hours on October 27 (8 am – 5 pm) and 4 hours on October 28 (8 am – 12 noon)] is \$200. All sessions will be eligible for CEU's.

Register on-line at

<https://eu.courses.montana.edu/CourseStatus.awp?&course=21FAWATER>

Check with website regularly for updated course descriptions, conference schedules and logistics.