Water Technology
The Next Wave of Water Technology Training

When you enroll in a Water Technology class at the UWM School of Continuing Education, you join a powerful network of professionals. And as you advance your own career, you’re also advancing the global impact your community is making as a vital water hub.

As Wisconsin’s premier public, urban university, UWM has a strong international reputation for excellence in education. Join real-world explorers, innovators and entrepreneurs at SCE, and help lead the way in Water Technology.

Complete Your Certificate

Earn the Water Technology Certificate by attending nine or more days of related courses within two years.

All Water Technology courses are eligible for American Society of Landscape Architects (ASLA) professional development hours (PDHs).

Instructors

Kellen J. Black, Environmental Specialist, GAI Consultants, Inc.
Scott Bordeau, Founder, ERO-TEX
Lesley Brotkowski, Associate Director of Natural Resources, BHE Environmental, Inc.
Adam Dunkelberg, Environmental Technician, TRC Environmental
Sean Hayes, Environmental Engineer, Milwaukee County Department of Transportation and Public Works
Tom Mortensen, Site Planner, RA Smith National
NEW Works Instructors, Team of educators at the Global Water Center
Dr. Neal O’Reilly, Vice President of Water Resource Planning, Hey and Associates, Inc.
Ginny Plumeau, Vice President of Natural Resource Management, BHE Environmental, Inc.
Peter Shedivy, Water Resources Engineer, HNTB Corporation
Mike Warren, Product Manager, Watertronics Inc
Pete Wood, Water Resources Engineer, Wisconsin DNR

All programs are held in Milwaukee, Wisconsin. For full instructor bios and course descriptions visit sce-WaterTechnology.uwm.edu or contact:

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414-227-3121

Marcia Gabriel
Program Manager
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414-227-3378
Design and Maintenance of Stormwater Infiltration Practices

Learn to plan, design, construct and maintain complex infiltration systems through studying a variety of issues: The science of soils and infiltration, pretreatment of stormwater runoff, vegetation to use in infiltration systems, and more.

Learning Outcomes
• Evaluate water quality as it relates to stormwater runoff
• Perform site investigations and monitoring
• Learn how to plan infiltration systems

Thu.-Fri., Sept. 11-12, 8am-4:30pm
Instructor: Neal O’Reilly, Ph.D., PH
Fee: $295
CEUs: 1.4/PDHs: 14
Program No. 4830-7353

Water Harvesting Systems and Application

Get an overview of water harvesting system intent, usage, design and installation. Learn about the components and operation of residential and commercial systems. This includes detailed information on tank sizing, filtration and water quality, controls, and operational requirements.

Learning Outcomes
• Learn water harvesting principles and technologies
• Participate in a design exercise for practical application
• Review case studies and concepts

Fri., Oct. 24, 8am-4:30pm
Instructor: Mike Warren
Fee: $290
CEUs: 0.7/PDHs: 7.0
Program No: 4820-7546

Native Landscape Design for Stormwater

Understand the basics of Native Landscape Design with a focus on stormwater projects. Learn to select and order plants and seed that are ideal for the capture and treatment of pollutants in stormwater. Discover the monitoring and management guidelines you should expect in a good plan.

Learning Outcomes
• Incorporate native plants into stormwater design
• Evaluate plans and specifications relative to your projects
• Understand how to use native plants to maximize project control

Thu., Oct. 23, 8am-4:30pm
Instructors: Lesley Brotkowski, Sean Hayes, Tom Mortensen
Fee: $290
CEUs: 0.7/PDHs: 7.0
Program No. 4820-7547

Wisconsin Sedimentation & Erosion Control Inspector (WISECI)™ Best Management Practices

Learn techniques to establish stormwater Best Management Practices (BMPs) for your construction site, and eliminate problems before they cause higher costs and slowdowns for your project. Save time and money by avoiding erosion and sediment releases. Learn about proper installation and maintenance of typical BMPs as well as proper documentation to help keep your project in compliance with local and state regulations.

Learning Outcomes
• Develop expertise in site inspection and reporting
• Assess erosion and sedimentation releases
• Earn the designation WISECI when you pass the exam at the end of this course

Thu.-Fri., Mar. 12-13, 2015, 8am-4:30pm
Instructors: Kellen Black, Scott Bordeau, Adam Dunkelberg, Ginny Plumeau, Peter Shedivy, Pete Wood, P.E.
Fee: $395
CEUs: 1.4/PDHs: 14
Program No. 4820-7525

“This is a great facility in a very good location. Great instructor—very knowledgeable and conversant”

-Shawn S.
Monitoring, Controlling and Optimizing Operations in Water and Wastewater Treatment Plants

New technology has opened doors for more efficient methods of controlling the distribution of water. Monitoring and controlling water and wastewater treatment plant processes help ensure good water quality, prevent excessive dosing and undesired chemical concentration, and reduce energy costs. Experience and learn sampling, testing, recording, and reporting results with the latest technology.

Learning Outcomes
• Understand Monitoring, Controlling and optimizing operations
• Learn closed loop control technology: pump, proportional media valve and aeration

Mon.-Wed., Sept. 29-Oct. 1
Begins at 1pm on Day 1 and ends at noon on Day 3
Instructors: NEW Works team
Fee: $1280
CEUs: 1.6/PDHs: 16
Program No. 4820-7550

Energy Optimization in Water and Wastewater Treatment Plants

Learn to optimize systems that consume less electrical power, result in reduced maintenance work, and increase the life of operational units. Conduct analysis with energy monitoring software. Gain an understanding of how to ensure environmental compliance. Compare different pumps and engage in many other technical exercises.

Learning Outcomes
• Understand energy consumption, power generation, and the forms of energy, efficiency, and power
• Learn energy optimization of pumping using closed-loop control technology
• Understand the causes of waste of energy and energy production in wastewater plants

Wed.-Fri., Oct. 1-3
Begins at 1pm on Day 1 and ends at noon on Day 3
Instructors: NEW Works team
Fee: $1280
CEUs: 1.6/PDHs: 16
Program No. 4820-7551

You May Also Like

Analysis and Database Tools
Analysis and reporting of data requires knowledge of Microsoft Excel, Access and SQL databases. Learn new skills or increase your proficiency with today’s leading technology and software programs.
Visit sce-computerapps.uwm.edu for specific course details.

Project Management
Learn proven methods for leading your projects to success. Our comprehensive project management curriculum provides the skills to work within time, quality, cost and technical constraints, while focusing on customers’ real needs.
Visit sce-PM.uwm.edu for specific course details.

Technical Writing for Non-Writers
If you write manuals, documentation, proposals and reports, you will benefit from this one-day session. Learn proven approaches and techniques, and apply them immediately back on the job to achieve successful written communication of technical information.
Visit sce-communication.uwm.edu for specific course details.
Register:
sce-registration.uwm.edu
800-222-3623 | 414-227-3200
Mon.-Fri., 8am-5pm CST

Location:
Programs will be held at the UWM School of Continuing Education, 161 W. Wisconsin Avenue. SCE is conveniently located in downtown Milwaukee.

For the latest information on getting to and from SCE, visit sce-directions.uwm.edu. The webpage includes access to printable color PDFs of current maps, information about parking, public transportation information and other details relevant to our location. Visit sce-hotels.uwm.edu for an abundance of nearby lodging and entertainment options.

Program Cancellations/Refunds
A full refund is issued to program participants if the School of Continuing Education cancels a program for any reason. Participant withdrawals made at least two weeks (14 days) prior to the start of a program can receive a 100% refund. When a participant withdraws less than two weeks prior to the program start, participants may have their fees transferred one time to any currently available program, otherwise participants will receive a refund minus a 20% administrative fee. For programs with a fee of $35 or less, no refund will be given, if a participant withdraws within two weeks of the start date. Once a program has begun, refunds are no longer issued.

DON'T FORGET TO USE THESE CODES WHEN REGISTERING
Your Keycode: WPDF
Your Message Code: MY-61-14-W

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- SMALL BUSINESS DEVELOPMENT CENTER
sce-sbdc.uwm.edu
- TRAIN THE TRAINER
sce-ttt.uwm.edu

Personal Enrichment Opportunities:
LEARN A NEW LANGUAGE
Discover culture, ease your travel experiences and exercise your mind through face-to-face and online LANGUAGE COURSES:
- American Sign Language
- Chinese
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Portuguese
- Russian
- Spanish
- Swedish
- English Seminars for International Professionals

sce-languages.uwm.edu

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