


WATER TECHNOLOGY CERTIFICATE



Water Technology Certificate

Discover the latest technology, law and policy, and practices related to stormwater, waste water and drinking water. Our Water Technology programs are relevant to inspectors; consultants; municipal facility managers; contractors; city, state and federal employees; lawyers; and others involved with water issues.

 Earn the certificate by attending nine or more days of related courses within two years. View full certificate and course details online at uwm.edu/sce-watertechnology.



Have questions about what courses to take? Contact:



Murali Vedula
Program Director
mvedula@uwm.edu
414-227-3121



Marcia Gabriel
Program Manager
gabrielm@uwm.edu
414-227-3378

SCHOOL OF
CONTINUING
EDUCATION

UNIVERSITY of WISCONSIN
UWMILWAUKEE

Water Technology

FALL 2016



UWM.EDU/SCE-WATERTECHNOLOGY

POWERFUL
IDEAS | **PROVEN
RESULTS**

WATER TECHNOLOGY COURSES

Watershed Planning – Putting the Pieces Together

This two-day course will draw upon decades of experience by the Southeastern Wisconsin Regional Planning Commission in watershed planning, and take you from basic background through the most recently employed watershed planning tools including simulation models and geographic information systems applications.

Tue.-Wed., Sept. 13-14, 8am-4:30pm
Instructor: Michael Hahn
Fee: \$320
CEUs: 1.4/PDHs: 14
Program No. 4850-8870
Please note: Day one will end at 6pm.

Design and Maintenance of Stormwater Infiltration Practices

Infiltration of stormwater has become an important topic in the management of urban runoff. Many communities now require infiltration of stormwater to help reduce pollutant discharges and recharge local groundwater systems. Under Wisconsin Administrative Code

NR 151.12, a percent of stormwater runoff must be infiltrated on new development and redevelopment. Prior to infiltration, pretreatment is required for parking lot runoff and for runoff from new road construction in commercial, industrial and institutional areas. Discover the planning, design, construction and maintenance of complex infiltration systems.

Thu.-Fri., Sept. 22-23, 8am-4:30pm
Instructor: Neal O'Reilly, PhD, PH
Fee: \$320
CEUs: 1.4/PDHs: 14
Program No. 4850-9181

Sustainable Water Management - An Introduction

Lay the foundation for quality water resources in the future by learning to manage them today. Cover concepts for long-term sustainability by focusing on environmental science, engineering, public health, and the social and economic benefits that clean, safe water provides.

Thu., Sept. 29, 8am-4:30pm
Instructors: Dick Osantowski, P.E., Adam Hess
Fee: \$315
CEUs: 0.7/PDHs: 7
Program No. 4850-9183

Introduction to Wastewater Treatment

Develop a fundamental background in municipal and industrial wastewater treatment, from theory to practical applications with real-world case studies. Build your knowledge base with an overview that includes relevant legislation, sampling and analytical procedures, and wastewater treatment processes.

Thu., Oct. 13, 8am-4:30pm
Instructors: Dick Osantowski, P.E., Adam Hess
Fee: \$315
CEUs: 0.7/PDHs: 7
Program No. 4850-9191

Wastewater Treatment Nutrient Workshop

This one day course provides basic concepts of nutrient removal (nitrogen and phosphorus) in wastewater from theory through practical applications with real world case studies. The course will provide the student with a foundation for understanding both basic and advanced nutrient removal techniques, including emerging technologies. The students will be provided with the necessary tools to achieve efficient and consistent treatment performance.

Thu., Oct. 27, 8am-4:30pm
Instructor: Dick Osantowski P.E., Adam Hess
Fee: \$315
CEUs: 0.7/PDHs: 7
Program No. 4850-9190

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.

Fri., Oct. 28, 8am-4:30pm
Instructors: Tom Mortensen, Lesley Brotkowski, Sean Hayes
Fee: \$315
CEUs: 0.7/PDHs: 7
Program No. 4850-9189

Environmental Regulatory Overview

This short course will review key pieces of both the Safe Drinking Water Act (SDWA) and the Clean Water Act (CWA) laws from a real world perspective. The course will present a detailed overview of both regulations to provide the student with a basic working knowledge of the Acts and their impact.

Thu., Nov. 10, 8am-4:30pm
Instructor: Dick Osantowski, P.E., Adam Hess
Fee: \$315
CEUs: 0.7/PDHs: 7
Program No. 4850-9188

No Wisconsin tax dollars were used in the printing of this publication.
Keycode: WT Message Code: MY-36-16-M