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 www.edu/sce-watertechnology.



Have questions about what courses to take? Contact:



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

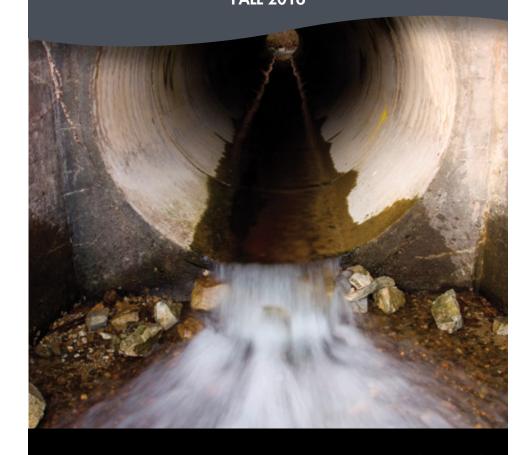


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Water Technology



UWM.EDU/SCE-WATERTECHNOLOGY

POWERFUL PROVEN RESULTS

WATER TECHNOLOGY COURSES

<u>Watershed Planning –</u> <u>Putting the Pieces Together</u>

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.

<u>Design and Maintenance</u> <u>of Stormwater</u> <u>Infiltration Practices</u>

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

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