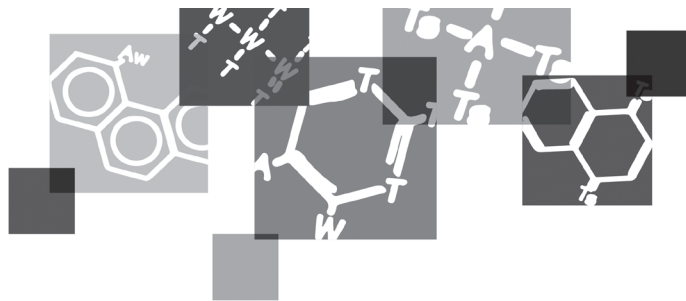


AWT2022 Training Seminars



EAST March 30–April 2, 2022 • Cleveland Marriott Downtown at Key Tower • Cleveland, OH

Welcome!

REGISTRATION

Registration will begin at 7:30 am in the North Foyer.

SEMINAR MATERIALS

Electronic copies of seminar materials are only available at <https://www.awt.org/technical-training-2022/program/east>.

To assist you in the classroom, please download the complimentary AWT Calculations App located at <https://www.awt.org/resources/calculations-app>.

SCHEDULE OF EVENTS

Wednesday, March 30	Sales RO/Ultrafiltration	Salon E Salons B–C
Thursday–Saturday, March 31–April 2	Fundamentals and Applications ASSE 12080 Water Treatment	Salon E Huron Salons A–D

Sales Training – Wednesday, March 30

Trace Blackmore, CWT, LEED AP–Blackmore Enterprises, Inc.

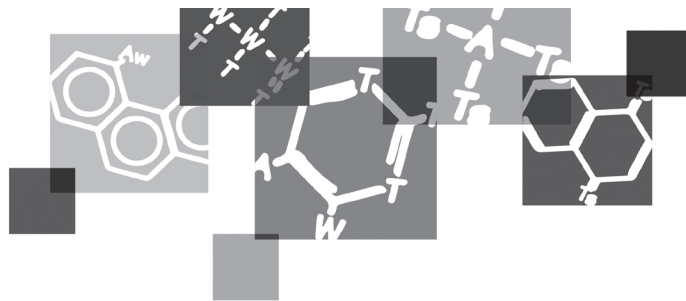
Salon E

7:30 am–8:00 am	Registration/Continental Breakfast	North Foyer
8:00 am–10:00 am	Everyone Sells	
10:00 am–10:15 am	Refreshment Break	North Foyer
10:15 am–Noon	Unlocking the Code	
Noon–1:00 pm	Lunch	North Foyer
1:00 pm–3:00 pm	Starting It and Keeping It Going	
3:00 pm–3:15 pm	Refreshment Break	North Foyer
3:15 pm–5:00 pm	The Mystery of Selling—Lifeline to Your Success	
5:00 pm–5:30 pm	Questions and Answers	

AWT Antitrust Statement

AWT adheres to strict antitrust guidelines. Our aim is to conduct ourselves in such a way as to avoid any potential antitrust exposure. Full compliance with antitrust laws rests with each member of AWT. To comply with antitrust laws, members who compete should not discuss certain subjects when they are together—whether at formal or informal AWT meetings or during informal or social contacts with other AWT or industry members. Topics to avoid discussing with competitors include proprietary prices, price trends, timing of price changes, terms of sale, advertised prices, promotional programs, business strategies, and proposed new ventures, among others.

AWT2022 Training Seminars



RO/Ultrafiltration Training – Wednesday, March 30

Colin Frayne, CWT–Aquassurance, Inc.

Salons B-C

7:30 am–8:00 am	Registration/Continental Breakfast	North Foyer
8:00 am–10:00 am	Overview of Semi-Permeable Membranes	
10:00 am–10:15 am	Refreshment Break	North Foyer
10:15 am–Noon	Membrane Technology Comparisons	
Noon–1:00 pm	Lunch	North Foyer
1:00 pm–3:00 pm	Components and System Configurations	
3:00 pm–3:15 pm	Refreshment Break	North Foyer
3:15 pm–5:00 pm	Practical Membrane Operations	
5:00 pm–5:30 pm	Questions and Answers	

Technical Training Day I – Thursday, March 31

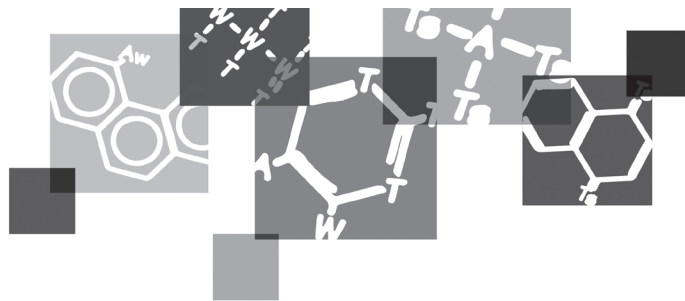
Fundamentals and Applications Training

ASSE 12080

Water Treatment Training

Salon E		Huron		Salons A–D	
7:30 am–8:00 am	Registration/Continental Breakfast	7:30 am–8:00 am	Registration/Continental Breakfast	7:30 am–8:00 am	Registration/Continental Breakfast
8:00 am–8:05 am	Course Introduction	8:00 am–8:10 am	Course Introduction	8:00 am–8:05 am	Course Introduction
8:05 am–9:00 am	Role of Service Technician	8:10 am–10:00 am	What Is Legionnaire's Disease?	8:05 am–10:00 am	Water Chemistry
9:00 am–10:00 am	Water Treatment— What and Why				
10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break
10:15 am–11:15 am	Water Treatment— What and Why continued	10:15 am–Noon	How Can Legionella Infections Be Prevented?	10:15 am–Noon	Cooling Systems & Principles
11:15 am–Noon	Time Management				
Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch
1:00 pm–3:00 pm	Testing Training and Workshop	1:00 pm–3:00 pm	How Can Legionella Infections Be Prevented? continued	1:00 pm–3:00 pm	Cooling Water Chemistry
3:00 pm–3:15 pm	Refreshment Break	3:00 pm–3:15 pm	Refreshment Break	3:00 pm–3:15 pm	Refreshment Break
3:15 pm–4:30 pm	Testing Workshop continued	3:15 pm–5:00 pm	Other Waterborne Pathogens	3:15 pm–5:00 pm	Cooling Water Microbiology
4:30 pm–5:30 pm	Safety				
5:30 pm–6:00 pm	Questions and Answers				

AWT2022 Training Seminars



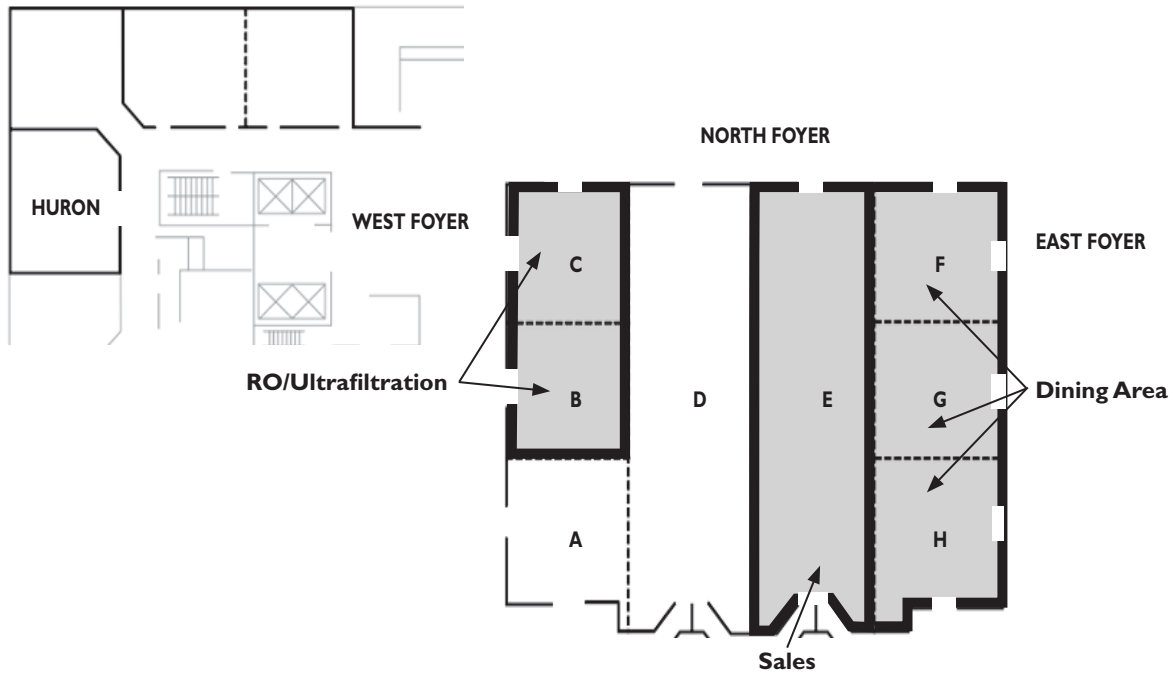
Technical Training Day 2 – Friday, April 1

Fundamentals and Applications Training		ASSE 12080		Water Treatment Training	
Salon E		Huron		Salons A–D	
7:30 am–8:00 am	Continental Breakfast	7:30 am–8:00 am	Continental Breakfast	7:30 am–8:00 am	Continental Breakfast
8:00 am–9:30 am	Boiler Pretreatment	8:00 am–10:00 am	Water Safety & Water Management Plans	8:00 am–10:00 am	Testing
9:30 am–10:00 am	Boiler Operations and Treatment				
10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break
10:15 am–Noon	Boiler Operations and Treatment <i>continued</i>	10:15 am–Noon	Proactive Prevention and Testing for Legionella in Water Systems	10:15 am–Noon	Health & Safety
Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch
1:00 pm–3:00 pm	Cooling Towers and Closed Loops	1:00 pm–3:00 pm	Legionella Risk Assessment	1:00 pm–2:00 pm	Health & Safety <i>continued</i>
				2:00 pm–3:00 pm	Calculations
3:00 pm–3:15 pm	Refreshment Break	3:00 pm–3:15 pm	Refreshment Break	3:00 pm–3:15 pm	Refreshment Break
3:15 pm–5:00 pm	Cooling Towers and Treatment	3:15 pm–5:30 pm	Water Treatment & Disinfection	3:15 pm–5:00 pm	Calculations <i>continued</i>
5:00 pm–6:00 pm	Questions and Answers			5:00 pm–6:00 pm	Advances in Feed Equipment

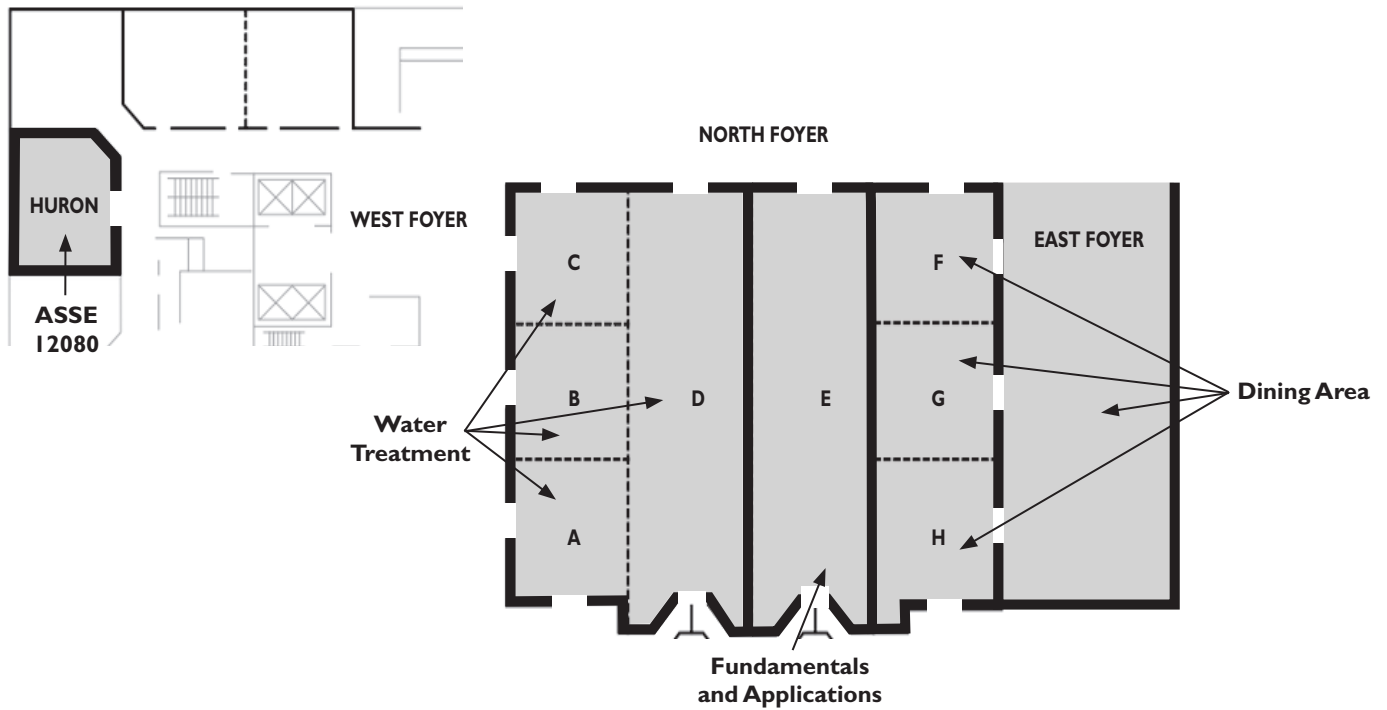
Technical Training Day 3 – Saturday, April 2

Fundamentals and Applications Training		ASSE 12080		Water Treatment Training	
Salon E		Huron		Salons A–D	
7:30 am–8:00 am	Continental Breakfast	7:30 am–8:00 am	Continental Breakfast	7:30 am–8:00 am	Continental Breakfast
8:00 am–10:00 am	Water Treatment Equipment	8:00 am–10:00 am	Preventing Legionnaire's Disease During Construction	8:00 am–10:00 am	Pretreatment/Filtration/RO
10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break	10:00 am–10:15 am	Refreshment Break
10:15 am–Noon	Equipment Workshop	10:15 am–Noon	Legionella Outbreak Response	10:15 am–Noon	Boiler Treatment
Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch	Noon–1:00 pm	Lunch
1:00 pm–1:30 pm	Equipment Workshop <i>continued</i>	1:00 pm–4:00 pm	Exercises	1:00 pm–3:00 pm	Boiler Treatment <i>continued</i>
1:30 pm–2:30 pm	Writing a Service Report				
2:30 pm–3:00 pm	Tips and Tricks of the Trade				
3:00 pm–3:15 pm	Refreshment Break			3:00 pm–3:15 pm	Refreshment Break
3:15 pm–4:00 pm	Bringing It All Together			3:15 pm–5:00 pm	Legionella Training and Update

Wednesday Floor Plan • Second Floor–Ballroom Level



Thursday–Saturday Floor Plan • Second Floor–Ballroom Level



SAVE THE DATE



2022 Annual Convention & Exposition

September 21–24, 2022 | Vancouver Convention Centre

