

# TECHNICAL EDUCATION PROGRAM

The 2024 ASPE Convention & Expo offers 25 technical education sessions to help you take your career to the next level. Each session provides 0.125 CEUs for your recertification and licensing requirements. *(You must have a Full registration to attend.)*

TIME	CODES & STANDARDS	SYSTEM DESIGN	WATER QUALITY	HEALTHCARE	SPECIALTY/FIRE PROTECTION SYSTEMS
<b>TUESDAY, OCTOBER 22</b>					
8:30 – 9:45 a.m.	Properly Sizing Grease Interceptors	The Countdown to a HPWH Revolution	High-Purity Water for Healthcare	Behavioral Health Facilities—Designing Plumbing Systems for Safer Environments	This Drain Sucks: Siphonic Drainage
3:15 – 4:30 p.m.	Navigating the NIH Design Requirements Manual	How to Utilize the Water Demand Calculator to Size Water Distribution Piping	Drinking Water Filtration—A Changing Landscape (Lead, PFAS & Beyond)	Important Changes in the NFPA 99-2024 Edition	Fire Pumps—The Good, the Bad, the Ugly
<b>WEDNESDAY, OCTOBER 23</b>					
8:30 – 9:45 a.m.	Engineers Changing the Industry Through Codes: A Review of IAPMO Codes, Standards, and Manuals	Automated Water Management and Domestic Water Systems	Wireless Water Leak Detection Systems for Commercial Applications	Bringing Medical Gas System Design into the 21st Century	Lab Water Design—An In-Depth Case Study Advanced Approach
10:00 – 11:15 a.m.	Updates to the NFPA 13-2025 Edition	From Waste to Wealth: The Technology and Economics of Onsite Water Reuse Strategies	Transforming Wastewater into Energy: Wastewater Energy Transfer Technology and Applications	Compressed Air in Hospitals	Onsite Fuel System Design
11:30 a.m. – 12:45 p.m.	Overview of the 2024 Uniform Plumbing Code	DWV Material Selection	Net Positive Suction Head Design Application in Plumbing Systems	Testing, Inspection, and Verification of Medical Gas Systems	Hybrid Theory: Commercial DHW Systems Application with Heat Pumps and Traditional Gas-Fired Equipment

*Session dates, times, and topics are subject to change.*

Columbus, Ohio

[expo.aspe.org](http://expo.aspe.org)

October 18–23, 2024