

MBAAA Education Conference Maintenance Class Descriptions

May 12, 2022

Plumbing Fundamentals: 8:45 a.m. – 11:45 a.m.

This 3 hour class addresses the challenges associated with the most common service requests, plumbing. Topics will include major fixture components from the water meter and pressure regulator to the hot and cold-water supply lines into the building. Topics from galvanized to PEX and the tools used to assemble a watertight circuit will be presented. We will also review the typical basin, bath, and shower fixtures, associated drains, and the tools and techniques for opening them will be covered. Lastly, we will discuss troubleshooting and safety considerations with associated tools, products and process.

Topics covered in this class will include:

- Correct water pressure
- The component parts and operation of gas and electric water heaters
- Commercial supply line materials and techniques for assembling circuits
- Common plumbing tools, quality, and use
- Servicing, parts, water efficient operation, and troubleshooting a toilet
- Health and safety concerns include PPE while making plumbing repairs
- Chemicals, drain openers, and their safe use in plumbing
- Commercial fire sprinkler systems, maintenance and operation

Repair vs. Replace: 1:15 p.m. – 2:15 p.m.

In this 1 hour class, we will discuss one of the hardest decisions you have to make as a maintenance professional: when is it time to repair vs. replace? Our experts will review the assessment of the failed component(s) and discuss if it makes sense to invest in a repair or to purchase a replacement. We will discuss the importance of overall diagnostics, cost considerations of parts and labor, and the warranty coverages associated with newer appliances and HVAC units.

Safety PPE Eyes & Hands: 2:30 p.m. – 3:30 p.m.

In this 1 hour class, we will cover the safety and PPE for the eyes and hands. Maintenance workers are challenged with being able to keep themselves safe from harm while performing their jobs. Our experts will discuss the importance of having the proper eye and hand protection in order to stay healthy and safe. We will cover differences in eye and hand protection, the various applications for different PPE, how to clean and maintain eye protection, and how to properly remove disposable gloves.