

## PROGRAM INSTRUCTORS:

- Troy Aichele, *Holmberg Mechanical*
- Ty Baldi, *Ferguson Enterprises*
- Mike Hartl, *MacDonald-Miller Facility Solutions*
- Mike Kunkel, *MacDonald-Miller Facility Solutions*
- Keith Nicholson, *Plumbing Inspector*
- Steve Simpson, *Seattle Area Pipe Trades Training Center*
- Susan Stuns, *Ferguson Enterprises*



**MCA of Western Washington**  
is proud to sponsor ongoing  
educational programs and seminars  
for the benefit of our members:

### Project Manager Certification:

CMPM 1  
CMPM 2  
CMPM 3

### Technical Training Series:

Intro to HVAC  
HVAC Engineering  
Plunging into Plumbing  
The Last 10%

### Additional Programs:

Mechanical Contracting Leadership (MCL)  
Mechanical Service Professional (MSP)  
Foreman Training Programs

### Sample of Recent, Specialized Seminars:

Introduction to Hydronic Piping  
Fierce Conversations  
Business Writing  
MCCM  
Dominate Your Day with MS Outlook  
Performing a Commercial Water Audit  
...And many more!

For more information, please contact  
Tamara Butler, Director of Education at  
(206) 442-9029,  
or via email at [tbutler@mcaww.net](mailto:tbutler@mcaww.net)

# Plunging into Plumbing



Technical Training Series  
#402-19

### MCAWW Board of Education:

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MCAWW Board of Education Mission:

Providing MCAWW Members innovative,  
meaningful learning opportunities

Knowledge ~ Growth ~ Respect



Mechanical Contractors Association  
WESTERN WASHINGTON

**MCA of Western Washington**  
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[www.mcaww.net](http://www.mcaww.net)

Sponsored By



Mechanical Contractors Association  
WESTERN WASHINGTON

February 13 - April 10, 2019  
(see full schedule inside)

**Plunging Into Plumbing** is one of several programs in the MCAWW Technical Training Series. It will not teach you how to be a plumber. However, it will provide you with an excellent overview of the design and installation of plumbing systems, the challenges involved, and how to interact with authorities and field crew.

**Who Should Take This Course:**

This is a basic program that introduces a number of topics concerning plumbing systems. The program will benefit project managers, project engineers, estimators, and coordination/integration specialists who wish to acquire an introductory understanding of plumbing systems.

**Topics Include:**

- Fixture selection and typical problems
- The Uniform Plumbing Code
- Sizing domestic water, waste, vent, and rain water systems
- Specialty systems, including medical gas
- Reading blueprints and specs
- Plumbing estimating



**Tuition:**

Tuition for the program is \$900. Fee includes all class materials and lunch or dinner for each session.

**Registration:**

Submit the attached registration form. **Class size is limited. Number of attendees per firm may be limited.**

**Registration Deadline:  
January 21, 2019**

**BENEFITS**

**Students will learn how to:**

- Classify, recognize and assemble plumbing fixtures
- Look up information in the Uniform Plumbing Code (UPC)
- Size pipe for Domestic Water (DW), Waste & Vent (W&V), and Rain Water (RW)
- Describe challenges associated with various types of piping systems
- Maximize productivity in plumbing installation of systems



**Schedule & Location\***

~All classes include lunch or dinner~

DATE:	TIME:	LOCATION:
Feb. 13, 2019	12:00 - 4:00 PM	MCAWW
Feb. 20, 2019	12:00 - 4:00 PM	MCAWW
Feb. 27, 2019	4:00 - 7:00 PM	MCAWW
Mar. 6, 2019	4:00 - 7:00 PM	MCAWW
Mar. 13, 2019	12:00 - 4:00 PM	Ferguson, Seattle
Mar. 20, 2019	12:00 - 4:00 PM	MCAWW
Mar. 27, 2019	12:00 - 4:00 PM	MCAWW
Apr. 3, 2019	12:00 - 4:00 PM	Seattle Pipe Trades, Renton
Apr. 10, 2019	12:00 - 4:00 PM	MCAWW

\*class dates, times and locations subject to change

**Plunging Into Plumbing #402-19  
REGISTRATION FORM**

*(all fields are required; incomplete applications will not be processed)*

Name: \_\_\_\_\_

Firm: \_\_\_\_\_

Title: \_\_\_\_\_

Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Years in Industry: \_\_\_\_\_

Degree/License: \_\_\_\_\_

Dietary Restrictions: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Supervisor's Email: \_\_\_\_\_

Please confirm:

I am available for all classes **or**

Known Exceptions: \_\_\_\_\_

Check here if you require special accommodations under the American with Disabilities Act.

Check here to opt in to the MCAWW E-newsletter and stay current on all upcoming classes and events.

**Registration Instructions:**

1. Submit registration form to MCAWW by **January 21st**. Payment is not due at this time.
2. The MCAWW Board of Education will review and evaluate all applications.
3. Candidates will be notified of their acceptance into the program by late-January.
4. Upon acceptance into the program, your firm will be invoiced for the registration fee of \$900.

**Send all application materials to:  
tbutler@mcaww.net**

Or mail to:  
MCA of Western Washington  
1100 Olive Way, Suite 1250, Seattle WA 98101

*MCA of Western Washington occasionally videotapes, records or photographs events for the purpose of responsibly promoting the association and/or attendance at future events. By registering for this event you agree to allow us to use your name and likeness for such purposes.*