

# CHARLOTTE

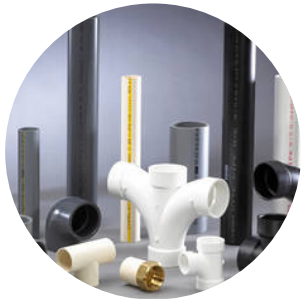
## PIPE AND FOUNDRY COMPANY



### Cast Iron Coatings for Aggressive DWV Application

**Credits: ASPE**

This session will provide a short history of cast iron soil pipe and will briefly discuss joining methods. The majority of the session will cover various enhanced coatings and aggressive DWV situations. The session will conclude with a hands-on demonstration on cutting and maintaining the integrity of the enhanced coating during installation.



### Special Waste Piping Systems

**Credits: ASPE**

This course provides a general understanding of the different types of laboratories that are designed and designated for "Special Waste" product applications. It will give the participant knowledge in when and why one specifies special waste systems and the applicable codes and standards. It will detail Bio-Safety levels in labs as well as specific products used for special waste piping, their installation methods and fire resistive properties.



### Starter Fittings

**Credits: ASPE**

This course provides an understanding of the use of starter fittings in plumbing design. One will gain knowledge in order to apply starter fittings in a multi-story building design in order to save space and create efficiencies in design and installation. The various configurations of fittings, available components and installation methods will be learned as well as the suitable applications to be considered.



### Value Engineering

**Credits: ASPE**

This course defines Value Engineering in construction and details the numerous considerations as they relate to the cost and function of a commercial DWV piping system. Basic material differences with cast iron and PVC DWV systems will be conveyed as well as how they apply to different types of buildings. The different installation methods and requirements will be learned as well as how they relate to the many dynamics of an overall project cost. The participant will gain an understanding of where and when to use each type of product and why.



### History of Cast Iron

**Credits: ASPE**

This course provides a comprehensive overview of a cast iron soil pipe system. It provides a history of its use, various applications, types and sizes within its above and below ground systems. Best practices for installing the system are reviewed as well as known coating methods for the system.