**Summary**

**The Ins and Outs of Layout (1 AIA CEU)**

**or**

**The Ins and Outs of Layout for Tile Contractors and Installers (no CEU)**

**Note: The AIA CEU version focuses more on classroom presentation and instructor demonstration and less on attendee participation.**

This is a 2 hour combined power point / hands-on attendee participation presentation where a variety of layout situations of the tile installation are discussed put into practice using guidance from the tile industry standards, methods and best practices.

**Hands on:**

* Modules include:
* Bathroom
* Shower
* Feature wall
* Determine the focal point
* Squaring a room
* Check for plumb, true and flat
* Determine and set control lines
* Develop and a grid
* Score and snap tile to create a visual image for the customer
* Communication with customer and the installation team
* Alternative layouts to solve challenging situations

**Detailed Description**

**The Ins and Outs of Layout (1 AIA CEU)**

**or**

**The Ins and Outs of Layout for Tile Contractors and Installers (no CEU)**

A layout can make or break the finished appearance of a tile installation.  NTCA’s “Ins and Outs of Layout” workshop program reviews the basics of layout including squaring a room and how to determine a room’s focal point to properly center and balance the tile installation.

Many contractors today have not used grid patterns so the course reviews how grid patterns are created and their usefulness in the tile installation process.

The NTCA trainer will facilitate audience participation via hands-on demonstration of layout challenges involving a typical tile shower, fireplace and bathroom. The modules challenge attendees with a variety of layout situations and apply learned techniques to analyze a room for shape and dimension, determine whether walls are square to each other and the effect these considerations will have on the tile layout and finished appearance of the installation.

Whether union or non-union, installation contractors and companies of all types and sizes find NTCA’s workshops very engaging and informative. Architects, Designers and Specifiers frequently attend and participate.

All attendees have the opportunity to network with other industry professionals and be introduced to new products by manufacturer vendor representatives. Attendees are fed and typically have a chance to win door prizes. The workshop includes an instructional presentation and hands-on demonstration with attendee participation. All attendees are encouraged to ask questions of and interact with the NTCA Trainer.

**Learning Objectives:**

* Understand common problems and challenges with layouts
* Learn how to work through common issues with tile layout
* Learn different techniques to square a room and determine layout
* Understand different patterns, modularity, and how movement joints can be accommodated
* Know what the customer wants. Do a mockup and get written documentation.
* Know the focal point of the room
* Determine control lines
* Develop a grid pattern