

TILELAYING APPRENTICESHIP

INTENDED COURSE OUTLINE:

For a tile layer apprentice to advance from period to period, they must complete the skill blocks that are in each period lesson, turn in the state of California required monthly on-the-job training reports, have 1,000 hours of on the job training reported to the apprentice program and attend a minimum 9 classes in each period. To complete the program and graduate to Journeyman status, the apprentice must pass a written test and a hands-on project.

1ST PERIOD LESSON

1. History and Scope of the Tile Trade
2. Safe Work Practices
3. Trade Organizations
4. Manufacturing of Tiles
5. Introduction to Tools
6. Types of Adhesives
7. Mortar Mixes
8. Roughing In
9. Grouts and Grouting

2ND PERIOD LESSON

1. Vocabulary
2. Types of Tile
3. Hawk and Trowel
4. Basic Floating
5. Basic Layout (3-4-5)
6. Tile Rack

3RD PERIOD LESSON

1. Float and Tile a Tub Splash
2. Float and Tile Shower Walls
3. Float and Tile Shower Jambs, Dams, and Floors
4. Float and Tile a Straight Kitchen and Backsplash

4TH PERIOD LESSON

1. Water level Rooms for Wall Layout and Floor Elevations
2. Float Large Floors- Using String lines and Screeds for Slope
3. Float Large Walls – Using String lines to Set Strips
4. Float and Tile “L” Shaped Kitchen
5. Float and Tile Buttress Walls and Jamb

5TH PERIOD LESSON

1. Float and Tile “U” Shaped Kitchen
2. Float and Tile Radius Countertop
3. Float and Tile Oval Bowl Pullman (HORSETOOTH)
4. Float and Tile Nitches
5. Large floor & commercial room lay-out
6. Use of a tile rack

6TH PERIOD LESSON

1. Float and Tile a set of straight & Radius Stairs
2. Float and Tile a Serpentine Wall
3. Float and tile a Circular Column
4. Float and Tile a Cased Window

7TH PERIOD LESSON

1. Float and Tile a Semi-Circular Arch
2. Float and Tile a Gothic Arch
3. Float and Tile an Elliptical Arch
4. Float and tile a Dome
5. Float and Tile a Round Window
6. Float and Tile a Ceiling

8TH PERIOD LESSON

1. Blueprint Reading
2. Technical Aspects of Tile Installations
3. Laser and Transit Use
4. Sexual Harassment
5. Sound Rated Floors
6. Skill Evaluation