

Sign-Up

FLORIDA  
**MASONRY APPRENTICE & EDUCATIONAL**  
FOUNDATION, INC.

P.O. Box 457—Boca Raton, FL 33432



Mason  
Tender  
Program

Training Masons to Build Florida...One Block at a Time!

# Mason Tender Program

## Mason Tenders Training

The training goals are two-fold:

- To train students to enter the construction field as mason tenders.
- To work with the Masonry Association of Florida to place students on jobs.

## Syllabus

After successfully completing the appropriate competencies for the program, the student will be able to perform the following:

### Follow Safety Practices

- Be able to explain the purpose of the Occupational Safety and Health Administration (OSHA)
- Demonstrate an understanding, by implementation, of general safety rules
- Follow safety practices while using tools and equipment

### Identify, Clean and Use Hand Tools

- Identify tools by name and practice their application
- Understand the appropriate use of hand and power tools
- Read English rules to the 1/16"
- Read brick-spacing rules and brick modular rules
- Understand reasons and techniques for cleaning tools
- Identify and select cleaning materials and equipment
- Appropriately clean and store hand and power tools

### Select and Mix Mortars and Concrete

- Identify types of mortars
- Identify the ingredients and properties of mortars
- Identify the properties and characteristics of concrete
- Understand the appropriateness of the types of mortars and concrete to be used
- Mix mortars by hand and by machine
- Clean tools, equipment, and the work site

### Clean Masonry

- Understand reasons for cleaning masonry
- Identify and select cleaning materials and equipment
- Appropriately clean masonry surfaces
- Follow safety practices while cleaning masonry

### Erect and Disassemble Basic Scaffolds

- Understand techniques for cleaning, transporting, and storing scaffold
- Identify components and the appropriate use of basic scaffold
- Erect and disassemble basic scaffold
- Follow safety practices while working with ladders and scaffolds

### Display a general understanding of masonry practices

- Explain the brick and concrete block manufacturing process
- Identify the properties and characteristics of brick and concrete block
- Distinguish between standard and modular brick
- Describe the differences between, and the appropriate uses of the different types of bricks and concrete blocks
- Read and interpret construction drawings,

- specifications, and plot plans
- Identify types of drawings
- Identify symbols on the drawings
- Understand the importance of following local, state, and national codes and standards
- Interpret a finished schedule

### Assist in building foundations and breaking down forms

- Identify the methods of basic building layouts
- Indicate the methods of digging and pouring footings
- Identify the methods of forming, grading, and pouring concrete slabs
- Understand and relate the different types of reinforced masonry, flashing, wall reinforcement and ties
- Establish building corners, batter boards, building lines and elevations

### Demonstrate employability skills

- Understand the differences between job applications and resumes
- Complete job application forms
- Prepare for the job interview
- Evidence of an understanding of the importance of maintaining responsible relationships with job supervisors and fellow employees
- Identify employment and advancement opportunities within the industry
- Understand the factors involved in quality workmanship

### Textbooks

NCCER Core Curriculum 3<sup>rd</sup> Edition  
NCCER Tools for Success  
NCCER 10 hour Safety Orientation (meets OSHA's requirement for a 10 hour construction industry training program)