

# TILE TECHNICIAN/1: TILE (90 Hours)

Course No.: 71-55-80

## COMPETENCY CHECKLIST

Student Name \_\_\_\_\_

Teacher Name \_\_\_\_\_ School Site \_\_\_\_\_

Start Date \_\_\_\_\_ Completion Date \_\_\_\_\_ Certificate Date \_\_\_\_\_

Teacher Signature \_\_\_\_\_ Student Signature \_\_\_\_\_

(Signature verifies completion of course competencies)

### A. **ORIENTATION AND SAFETY** (2 hrs)

- \_\_\_\_\_ 1. Scope and purpose of course
- \_\_\_\_\_ 2. Course content as part of Linked Learning
- \_\_\_\_\_ 3. Classroom policies and procedures
- \_\_\_\_\_ 4. Class/workplace emergency procedures
- \_\_\_\_\_ 5. Jobs in industry for flooring technicians
- \_\_\_\_\_ 6. Opportunities for gender equity/non-trad
- \_\_\_\_\_ 7. Impact of EPA legislation for HAZ/MAT
- \_\_\_\_\_ 8. Proper procedures for HAZ/MAT removal
- \_\_\_\_\_ 9. Use of MSDS at it applies to industry
- \_\_\_\_\_ 10. Role of LEED Green Building Rating System
- \_\_\_\_\_ 11. City of LA Building/Safety Codes and industry
- \_\_\_\_\_ 12. CA Title 24 Energy Efficiency Standards
- \_\_\_\_\_ 13. CAL/OSHA laws for flooring technicians
- \_\_\_\_\_ 14. Responsibilities for safe workplace
- \_\_\_\_\_ 15. Safety test

### B. **RESOURCE MANAGEMENT** (1 hr)

- \_\_\_\_\_ 1. Define listed terms related to topic
- \_\_\_\_\_ 2. Management of resources in tile installation
- \_\_\_\_\_ 3. Examples of effective management
- \_\_\_\_\_ 4. Benefits of effective resource management
- \_\_\_\_\_ 5. Environmentally responsible management

### C. **TRADE MATHEMATICS** (8 hrs)

- \_\_\_\_\_ 1. Practical applications of math in industry
- \_\_\_\_\_ 2. Whole number problems
- \_\_\_\_\_ 3. Various fraction problems
- \_\_\_\_\_ 4. Various decimal problems
- \_\_\_\_\_ 5. Changing fractions to decimals
- \_\_\_\_\_ 6. Changing decimals to fractions
- \_\_\_\_\_ 7. English system: Measuring length
- \_\_\_\_\_ 8. English system: Measuring weight
- \_\_\_\_\_ 9. English system: Measuring volume/capacity
- \_\_\_\_\_ 10. Various problem solving English systems

- \_\_\_\_\_ 11. Measuring objects using tools of trades
- \_\_\_\_\_ 12. Geometric problem solving techniques
- \_\_\_\_\_ 13. Algebraic problem solving techniques
- \_\_\_\_\_ 14. Problem-solving techniques using percentages
- \_\_\_\_\_ 15. Reading and interpreting graphs
- \_\_\_\_\_ 16. Using a calculator

### D. **WATERPROOFING** (20 hrs)

- \_\_\_\_\_ 1. Types of waterproofing systems
- \_\_\_\_\_ 2. Types of drains
- \_\_\_\_\_ 3. Pre-slope under waterproofing
- \_\_\_\_\_ 4. Waterproofing systems
- \_\_\_\_\_ 5. Procedures to install

### E. **CERAMIC WALL AND FLOOR TILING** (30 hrs)

- \_\_\_\_\_ 1. Identify tools and material
- \_\_\_\_\_ 2. Commercial/Residential floor coverings
- \_\_\_\_\_ 3. LEED-approved/Standard floor tiling
- \_\_\_\_\_ 4. Safe and proper use of tools and material
- \_\_\_\_\_ 5. Installation techniques for ceramic tile

### F. **PORCELAIN WALL AND FLOOR TILING** (25 hrs)

- \_\_\_\_\_ 1. Identify tools and material
- \_\_\_\_\_ 2. Commercial/Residential tiles
- \_\_\_\_\_ 3. LEED-approved/Standard tiles
- \_\_\_\_\_ 4. Safe and proper use of tools and material
- \_\_\_\_\_ 5. Define methods for specific tile types
- \_\_\_\_\_ 6. Define methods and adhesives
- \_\_\_\_\_ 7. Define/demonstrate floor prep techniques
- \_\_\_\_\_ 8. Define/demonstrate installation techniques

### G. **EMPLOYMENT SKILLS** (4 hrs)

- \_\_\_\_\_ 1. Employer requirements in an employee
- \_\_\_\_\_ 2. Identify potential employers thru job search
- \_\_\_\_\_ 3. Role of social media in job search

- \_\_\_\_\_ 4. Sample of resume/cover letters
- \_\_\_\_\_ 5. Portfolio of job/classroom projects
- \_\_\_\_\_ 6. Accurate, legible application
- \_\_\_\_\_ 7. Complete sample job applications
- \_\_\_\_\_ 8. Enthusiasm on the job
- \_\_\_\_\_ 9. Appropriate appearance on a job
- \_\_\_\_\_ 10. Upgrading of skills on a job
- \_\_\_\_\_ 11. Customer service to build relationships
- \_\_\_\_\_ 12. Appropriate interviewing techniques
- \_\_\_\_\_ 13. Info material/resources for interview success
- \_\_\_\_\_ 14. Design sample follow-up letters
- \_\_\_\_\_ 15. Demo appropriate follow-up procedures