

TILE TECHNICIAN/3: TILE, MARBLE AND GRANITE (90 Hours)

Course No.: 71-55-90

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. INTRODUCTION 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 REVIEW (1 hr)

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

C. TRADE MATHEMATICS REVIEWS (3 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 REVIEW (5 hrs)

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

E. STONE & GRANITE FABRICATION AND COUNTERTOP INSTALLATION (75 hrs)

- _____ 1. Issues on stone installation
- _____ 2. Discuss cabinet and deck installations
- _____ 3. Discuss/install: edge contours & overhangs
- _____ 4. Discuss/demonstrate layout & cutting
- _____ 5. Discuss/demo epoxy & adhesives
- _____ 6. Discuss/demo grinding & polishing stone
- _____ 7. Discuss sealers & caulking
- _____ 8. Discuss cost, tools & charges to customers

F. EMPLOYMENT SKILLS REVIEWS (3 hrs)

- _____ 1. Employer requirements in an employee
- _____ 2. Update data on potential employers
- _____ 3. Role of social media in job search
- _____ 4. Update 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. Update sample follow-up letters
- ___ 15. Demo appropriate follow-up procedures

G. ENTREPRENEURIAL SKILLS (1 hr)

- ___ 1. Define entrepreneurial
- ___ 2. Identify necessary characteristics
- ___ 3. Contributions to the industry
- ___ 4. Discuss a business plan
- ___ 5. Goals to open business
- ___ 6. Sources of monetary investment
- ___ 7. Licensing requirements for business
- ___ 8. Develop student scenario
- ___ 9. LEED/Standard business practices