

LANDSCAPING/1 (90 Hours)

Course No.: 70-25-70

COMPETENCY CHECKLIST

Student Name _____

Teacher Name _____ School Site _____

Start Date _____ Completion Date _____ Certificate Date _____

Teacher Signature _____ Student Signature _____

(Signatures verify completion of course competencies)

A. ORIENTATION (3 hrs)

- _____ 1. Scope and purpose of the course
- _____ 2. Classroom policies and procedures
- _____ 3. Importance of this industry to CA economy
- _____ 4. Job opportunities in industry

B. WORKPLACE SAFETY (5 hrs)

- _____ 1. Job and equipment safety requirements
- _____ 2. First aid techniques
- _____ 3. Safe use/care of various landscape tools
- _____ 4. Safety test

C. GENERAL TOOLS (5 hrs)

- _____ 1. Different types of hand tools in industry
- _____ 2. Proper use of industry hand tools
- _____ 3. Proper maintenance/storage of hand tools

D. PLANT IDENTIFICATION- PART I (15 hrs)

- _____ 1. Botanical parts on specimen plants
- _____ 2. Explain functions of leaves
- _____ 3. Explain functions of roots
- _____ 4. Explain functions of stems
- _____ 5. Explain functions of flowers & fruits
- _____ 6. Describe photosynthesis process
- _____ 7. Movement of water & nutrients in plants
- _____ 8. Binomial system of naming plants

E. SOIL TYPES (5 hrs)

- _____ 1. Identify different soil types
- _____ 2. Features of each type of soil
- _____ 3. Procedures used in soil sampling

F. ORNAMENTAL GARDENING (10 hrs)

- _____ 1. Lay out a plot
- _____ 2. Ground preparation procedures
- _____ 3. Discuss & demonstrate techniques listed

G. LANDSCAPE DESIGN (45 hrs)

- _____ 1. Factors that affect a planting plan
- _____ 2. Determine area using a measuring tape
- _____ 3. Draw areas, including structures, to scale
- _____ 4. Use landscape symbols for types of plants
- _____ 5. Estimate materials/costs for a given job

H. WATER MANAGEMENT (2 hrs)

- _____ 1. Define terms related to topic
- _____ 2. Managing resources in water management
- _____ 3. Examples of effective management
- _____ 4. Benefits of effective water management