

## NO RTEC JOB SPECIFIC SKILLS COMPETENCY

Updated 4/12/99

**CARPENTER APPRENTICE (Construction)**

**DOT: 860.381-026 SVP 7**

**Job Description:** Assist carpenters in the construction, repair, and remodeling of buildings and other structures. *Physical Demands* - Active w/Medium lifting, carrying, or moving (up to 50 lbs). *General Educational Development* - R4 M3 L3; *Aptitudes* - Average General Learning Ability, Verbal, Numerical, Spatial, Form Perception, Motor Coordination, Finger Dexterity and Manual Dexterity.

### CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate a basic understanding of all phases of construction, and construction terminology. (R, IN, S, T)
2. Can demonstrate an understanding of industry-specific safety and OSHA regulations. (IN, S)
3. Can demonstrate ability to properly identify, select, and operate carpenter's hand tools, and power tools, including hammer, screw driver, power saw, chisel, hacksaw, clamp, clip, rivet gun, marking gauge, plane, etc. (R, S, T)
4. Can demonstrate ability to distinguish different types of nails, screws, staples, anchors, and adhesives and their uses. (R, S, T)
5. Can demonstrate the correct use of measurement instruments, including measuring tapes, levels, rules, and squares. (R, IN, S, T)
6. Can demonstrate ability to read and interpret blueprints, drawings, or printed instructions. (R, IN, S)
7. Can demonstrate an understanding of local building codes. (IN, S)
8. Can demonstrate ability to identify soft and hard woods and their characteristics. (R, IN, S)
9. Can demonstrate proper care and handling of lumber on job site. (R, S, T)
10. Can demonstrate ability to appropriately move materials, tools, and supplies to worksite as instructed, and in a timely manner. (R, IN, I, S)
11. Can demonstrate ability to assist carpenter in the appropriate selection of lumber and other materials, as specified in building plans. (R, IN, I, S)
12. Can demonstrate ability to assist carpenter to prepare layouts and mark cuttings and assembly lines on materials. (IN, I, S, T)
13. Can demonstrate ability to accurately cut materials, as directed. (R, IN, I, S, T)
14. Can demonstrate ability to assist carpenter by assembling cut and shaped materials and fastening them together with nails, dowel pins, or glue. (R, IN, I, S, T)
15. Can demonstrate ability to assist carpenter to erect framework for structure and lay sub flooring. (R, IN, I, S, T)
16. Can demonstrate ability to assist carpenter to lay out and install partitions and cabinet work. (R, IN, I, S, T)
17. Can demonstrate ability to assist carpenter in applying decorative paneling to ceilings and walls. (R, IN, I, S, T)
18. Can demonstrate ability to assist carpenter in the installation of insulating materials. (R, IN, I, S, T)
19. Can demonstrate ability to assist carpenter in fitting and installing prefabricated window frames, doors, and door frames. (R, IN, I, S, T)

20. **Can demonstrate ability to assist with specialized finish carpentry, such as weather stripping, installing interior and exterior trim, building stairs, and laying hardwood floors. (R, IN, I, S, T)**
21. **Can demonstrate ability to assist with the installation of finish hardware such as locks, letter drops, and kick plates. (R, I, S, T)**
22. **Can demonstrate ability to assist carpenter in applying touchup work to finished products. (R, IN, I, S, T)**
23. **Can demonstrate ability to assist in constructing forms and chutes for pouring concrete. (R, IN, I, S, T)**
24. **Can demonstrate proper procedure for erecting scaffolding and ladders. (R, S, T)**
25. **Can demonstrate ability to properly apply finish sanding to wood items in preparation to paint, varathane, etc. (R, S, T)**
26. **Can demonstrate ability to correctly apply different types of stain, paint, etc. (R, S, T)**
27. **Can demonstrate proper technique used to weld metal parts to steel structural members. (R, S, T)**
28. **Can demonstrate proper procedure for stacking and disposing of scrap lumber and other materials. (R, S, T)**
29. **Can demonstrate ability to maintain equipment and tools in safe working condition. (R, S, T)**
30. **Can demonstrate ability to maintain work area in clean, safe order. (R, S)**