

NO RTEC JOB SPECIFIC SKILLS COMPETENCY

BENCH CARPENTER (WOODWORKING)

DOT: 760.684-010/O*NET: 47-2031.00 SVP 3

Job Description: Assembles precut and prefabricated wooden parts to form complete units. *Physical Demands* Active w/heavy lifting, carrying, or moving (up to 100 lbs); *General Educational Development* R2 M2 L2; *Aptitudes* Average Finger Dexterity.

CORE SKILL COMPETENCIES / INDICATORS:

- i. Can demonstrate an understanding of industry safety rules. (S)
- ii. Can demonstrate ability to use a variety of woodworking hand and power tools including: power saws, drills, sanders, portable and/or stationary belt sanders, hand tools such as planes, chisels, wood files, and spray guns and finishing equipment. (R, S, T)
- iii. Can demonstrate ability to read blueprints, shop drawings, or written instructions to determine method and sequence of assembling parts. (R, IN, S)
- iv. Can demonstrate ability to accurately use a tape measure and other measuring devices such as steel rules, dial calipers, etc. (R, S, T)
 - v. Can demonstrate ability to assemble cabinet cases following diagrams or other shop plans. (R, S, T)
- vi. Can demonstrate proper techniques used to trim and sand pieces, bore holes needed for screws, dowels, etc., and join pieces together. (R, S, T)
- vii. Can demonstrate ability to drill out recesses, fit, and attach hinges to cabinet doors, and hang doors on cabinets accurately and evenly. (R, S, T)
- viii. Can demonstrate proper techniques used to install hardware on drawers, such as catches and drawer pulls. (R, S, T)
- ix. Can demonstrate ability to select from various grits of sandpaper as appropriate to task for hand or power sanding. (R, S, T)
 - x. Can demonstrate ability to correctly use various glues and clamping techniques and equipment to fasten subassemblies together. (R, S, T)
- xi. Can demonstrate proper techniques used to finish sand, stain, and coat assembled product with sealer, such as lacquer or varnish. (R, S, T)
- xii. Can demonstrate ability to program and/or operate computer-controlled machinery. (R, S, T)