

## Carpenter

### Job Description

- Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard, using carpenter's hand tools and power tools, conforming to local building codes.
- Studies blueprints, sketches or building plans for information pertaining to type of material required, such as lumber or fiberboard and dimensions of structure or fixture to be fabricated.
- Selects specified type of lumber or other materials.
- Prepares layout, using rule, framing square and calipers.
- Marks cutting and assembly lines on material, using pencil, chalk and marking gauge.
- Shapes material to prescribed measurements, using saws, chisels and planes.
- Assembles cut and shaped materials and fastens them together with nails, dowel pins or glue.
- Verifies trueness of structure with plumb bob and carpenter's level.
- Erects floor; walls and roofs for structures and lays subflooring.
- Builds stairs, lays out and installs partitions and cabinet work.

- Covers subfloor with building paper to keep out moisture and lays hardwood, parquet and wood-strip-block floors by nailing floors to subfloor or cementing them to mastic or asphalt base.
- Applies shock-absorbing, sound-deadening and decorative paneling to ceilings and walls.
- Fits and installs prefabricated window frames, doors, doorframes, weather stripping, interior/exterior trim and finish hardware, such as locks, letterdrops and kick plates.
- Erects scaffolding and ladders for assembling structures above ground level.
- May weld metal parts to steel structural members.

### **Physical Demands**

Medium work: Exerting force of 20-50 pounds occasionally, 10-25 pounds frequently or greater than negligible force up to 10 pounds constantly to move objects.

Occasionally: climbing, balancing, stopping, kneeling, visual accommodation, feeling, hearing, far activity, color vision, crouching.

Frequently: Reaching, handling, fingering, near activity, depth perception