

Carpenters

SOC: 47-2031 • Career Profile Report

■ Key Facts

\$59,310 Median Salary	959,000 Employment	+4.0% Growth Rate
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■ Requirements & Salary Range

Education: High school diploma

■ Automation Risk Assessment

Medium Risk - 35.0% probability of being automated in the next 10-20 years.
This job has some routine elements but still requires human judgment and interaction.

■ Work-Life Balance

3.7/10 - Challenging work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	9.4/10	Investigative	5.8/10
Artistic	4.0/10	Social	5.0/10
Enterprising	5.0/10	Conventional	6.0/10

■ Top Skills Required

Business skills, Detail oriented, Dexterity, Interpersonal skills, Math skills, Physical strength, Problem-solving skills, Reading comprehension skills

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Carpenters typically perform the following tasks:

- Follow established safety rules and regulations and maintain a safe and clean environment.
- Measure and mark cutting lines on materials, using a ruler, pencil, chalk, and marking gauge.
- Assemble and fasten materials to make frameworks or props, using hand tools and wood screws, nails, dowel pins, or glue.
- Study specifications in blueprints, sketches, or building plans to prepare project layout and determine dimensions and materials required.
- Shape or cut materials to specified measurements, using hand tools, machines, or power saws.
- Verify trueness of structure, using plumb bob and level.
- Inspect ceiling or floor tile, wall coverings, siding, glass, or woodwork to detect broken or damaged structures.
- Erect scaffolding or ladders for assembling structures above ground level.
- Install structures or fixtures, such as windows, frames, floorings, trim, or hardware, using carpenters' hand or power tools.
- Maintain records, document actions, and present written progress reports.
- Remove damaged or defective parts or sections of structures and repair or replace, using hand tools.
- Maintain job records and schedule work crew.
- Anchor and brace forms and other structures in place, using nails, bolts, anchor rods, steel cables, planks, wedges, and timbers.
- Bore boltholes in timber, masonry or concrete walls, using power drill.
- Install rough door and window frames, subflooring, fixtures, or temporary supports in structures undergoing construction or repair.
- Dig or direct digging of post holes and set poles to support structures.
- Cover subfloors with building paper to keep out moisture and lay hardwood, parquet, or wood-strip-block floors by nailing floors to subfloor or cementing them to mastic or asphalt base.
- Construct forms or chutes for pouring concrete.
- Arrange for subcontractors to deal with special areas, such as heating or electrical wiring work.
- Build or repair cabinets, doors, frameworks, floors, or other wooden fixtures used in buildings, using woodworking machines, carpenter's hand tools, or power tools.

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Source: <https://www.bls.gov/ooh/construction-and-extraction/carpenters.htm>