



Work Process Schedule

RESIDENTIAL CARPENTER	
Job Description: Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall, and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.	
RAPIDS Code: 0564	O*NET Code: 47-2031.00
Estimated Program Length: 3645 - 4000	
Apprenticeship Type: <input type="checkbox"/> Competency-Based <input type="checkbox"/> Time-Based <input checked="" type="checkbox"/> Hybrid	

Suggested On-the-Job Learning Outline

Clean work sites.	Approximate Hours	
A. Follow established safety rules and regulations and maintain a safe and clean environment.		-
Total Hours		-

Review blueprints or specifications to determine work requirements.	Approximate Hours	
B. Study specifications in blueprints, sketches, or building plans to prepare project layout and determine dimensions and materials required.		-
Total Hours		-

Mark reference points on construction materials.	Approximate Hours	
C. Measure and mark cutting lines on materials, using a ruler, pencil, chalk, and marking gauge.		-
Total Hours		-

Measure materials or objects for installation or assembly.	Approximate Hours	
D. Measure and mark cutting lines on materials, using a ruler, pencil, chalk, and marking gauge.		-
Total Hours		-

Cut wood components for installation.	Approximate Hours	
E. Shape or cut materials to specified measurements, using hand tools, machines, or power saws.		-
Total Hours		-

Install wooden structural components.	Approximate Hours	
F. Install structures or fixtures, such as windows, frames, floorings, trim, or hardware, using carpenters' hand or power tools.		-
G. Build or repair cabinets, doors, frameworks, floors, or other wooden fixtures used in buildings, using woodworking machines, carpenters' hand tools, or power tools.		-
H. Examine structural timbers and supports to detect decay, and replace timbers as required, using hand tools, nuts, and bolts.		-
Total Hours		-

Install building fixtures.	Approximate Hours	
I. Install structures or fixtures, such as windows, frames, floorings, trim, or hardware, using carpenters' hand or power tools.		-
J. Install rough door and window frames, subflooring, fixtures, or temporary supports in structures undergoing construction or repair.		-
Total Hours		-

Install doors or windows.	Approximate Hours	
K. Install structures or fixtures, such as windows, frames, floorings, trim, or hardware, using carpenters' hand or power tools.		-
L. Install rough door and window frames, subflooring, fixtures, or temporary supports in structures undergoing construction or repair.		-
Total Hours		-

Verify alignment of structures or equipment.	Approximate Hours	
M. Verify trueness of structure, using plumb bob and level.		-
Total Hours		-

Order construction or extraction materials or equipment.	Approximate Hours	
N. Select and order lumber or other required materials.		-
Total Hours		-

Select construction materials.	Approximate Hours	
O. Select and order lumber or other required materials.		-
Total Hours		-

Coordinate construction project activities.	Approximate Hours	
P. Arrange for subcontractors to deal with special areas, such as heating or electrical wiring work.		-
Total Hours		-

Prepare operational reports.	Approximate Hours	
Q. Maintain records, document actions, and present written progress reports.		-
Total Hours		-

Estimate construction project costs.	Approximate Hours	
R. Prepare cost estimates for clients or employers.		-
Total Hours		-

Assemble temporary equipment or structures.	Approximate Hours	
S. Erect scaffolding or ladders for assembling structures above ground level.		-
T. Assemble and fasten materials to make frameworks or props, using hand tools and wood screws, nails, dowel pins, or glue.		-
U. Construct forms or chutes for pouring concrete.		-
Total Hours		-

Position construction forms or molds.	Approximate Hours	
V. Anchor and brace forms and other structures in place, using nails, bolts, anchor rods, steel cables, planks, wedges, and timbers.		-
Total Hours		-

Inspect work sites to determine condition or necessary repairs.	Approximate Hours		
W. Inspect ceiling or floor tile, wall coverings, siding, glass, or woodwork to detect broken or damaged structures.		-	
X. Examine structural timbers and supports to detect decay, and replace timbers as required, using hand tools, nuts, and bolts.		-	
Total Hours		-	

Drill holes in construction materials.	Approximate Hours		
Y. Bore boltholes in timber, masonry or concrete walls, using power drill.		-	
Total Hours		-	

Record operational or environmental data.	Approximate Hours		
Z. Maintain job records and schedule work crew.		-	
Total Hours		-	

Remove worn, damaged or outdated materials from work areas.	Approximate Hours		
AA. Remove damaged or defective parts or sections of structures and repair or replace, using hand tools.		-	
Total Hours		-	

Build construction forms or molds.	Approximate Hours		
BB. Construct forms or chutes for pouring concrete.		-	
Total Hours		-	

Install safety or support equipment.	Approximate Hours		
CC. Install rough door and window frames, subflooring, fixtures, or temporary supports in structures undergoing construction or repair.		-	
Total Hours		-	

Apply decorative or textured finishes or coverings.	Approximate Hours		
DD. Finish surfaces of woodwork or wallboard in houses or buildings, using paint, hand tools, or paneling.		-	
Total Hours		-	

Prepare hazardous waste for processing or disposal.	Approximate Hours	
EE. Work with or remove hazardous material.		-
Total Hours		-

Dig holes or trenches.	Approximate Hours	
FF. Dig or direct digging of post holes and set poles to support structures.		-
Total Hours		-

Direct construction or extraction personnel.	Approximate Hours	
GG. Dig or direct digging of post holes and set poles to support structures.		-
Total Hours		-

Position safety or support equipment.	Approximate Hours	
HH. Dig or direct digging of post holes and set poles to support structures.		-
Total Hours		-

Install trim or paneling.	Approximate Hours	
II. Apply shock-absorbing, sound-deadening, or decorative paneling to ceilings or walls.		-
Total Hours		-

Apply material to fill gaps in surfaces.	Approximate Hours	
JJ. Fill cracks or other defects in plaster or plasterboard and sand patch, using patching plaster, trowel, and sanding tool.		-
Total Hours		-

Install carpet or flooring.	Approximate Hours	
KK. 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.		-
Total Hours		-

Mix substances or compounds needed for work activities.	Approximate Hours	
LL. Perform minor plumbing, welding, or concrete mixing work.		-
Total Hours		-

Weld metal components.	Approximate Hours	
MM. Perform minor plumbing, welding, or concrete mixing work.		-
Total Hours		-

Assemble products or production equipment.	Approximate Hours	
NN. Build sleds from logs and timbers for use in hauling camp buildings and machinery through wooded areas.		-
Total Hours		-

Total OJL Hours: _____ – _____

Suggested Related Instruction Outline

Provider	
Name:	
Address:	
Email:	Phone Number:
Suggested Related Instruction Hours: XXX	

*CIP Code	Course Title	Contact Hours
46.0201	Carpentry/Carpenter.	
46.0201	Carpentry/Carpenter.	
Total		

*If related course number data are available, information displayed includes the Classification of Instructional Programs (CIP) code that best represents the field of study, course, or program. CIP provides a taxonomic scheme that supports the accurate tracking and reporting of educational programs. CIP is developed and maintained by the U.S. Department of Education.