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# **Appendix A**

**WORK PROCESS SCHEDULE**

**AND**

**RELATED INSTRUCTION OUTLINE**

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## Appendix A

**WORK PROCESS SCHEDULE**  
**OCCUPATION TITLE: CARPENTER**  
**O\*NET-SOC CODE: 47-2031.01 RAPIDS CODE: 0067HY**

### **1. APPRENTICESHIP APPROACH**

☐ Time-based                      ☐ Competency-based                      ☒ Hybrid

### **2. TERM OF APPRENTICESHIP**

The term of the apprenticeship is 2½-4 years with an OJL attainment of 5200-8000 hours, supplemented by the minimum required 576 hours of related instruction.

### **3. RATIO OF APPRENTICES TO JOURNEYWORKERS**

The apprentice to journeyworker ratio is: 1 Apprentice to 1 Journeyworker.

### **4. APPRENTICE WAGE SCHEDULE**

Apprentices shall be paid a progressively increasing schedule of wages based on either a percentage or a dollar amount of the current hourly journeyworker wage rate, which is: \$25.00.

#### **2½ -4 Year Term:**

1 <sup>st</sup>	145-167 hours = <u>\$10.00</u>
2 <sup>nd</sup>	300-501 hours = <u>\$12.00</u>
3 <sup>rd</sup>	755-1222 hours = <u>\$15.00</u>
4 <sup>th</sup>	800-1222 hours = <u>\$16.00</u>
5 <sup>th</sup>	800-1222 hours = <u>\$17.00</u>
6 <sup>th</sup>	800-1222 hours = <u>\$18.00</u>
7 <sup>th</sup>	800-1222 hours = <u>\$19.00</u>
8 <sup>th</sup>	800-1222 hours = <u>\$20.50</u>

End 25.00

### **5. PROBATIONARY PERIOD**

Every applicant selected for apprenticeship will serve a probationary period of 167 Hours.

### **6. SELECTION PROCEDURES**

**Job Posting:** The job opportunity is posted. This might include, but not limited to, online job boards, workforce development agencies and local educational institutions.



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**Candidate Selection:** Review the applications of all that have applied for the open position. Invite for interview the candidates meeting the minimum requirements for the position.

**Offer Of Employment:** Select candidate, make an offer of employment.



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ACTIVITY	HOURS	
	Low	High
A. Comprehensive skill/knowledge Includes First Aid and Safety of Basic and Power Tools and Industry Orientation.	50	200
B. Concrete Formwork Includes building layout, wall footing forms, column and pier footing forms and pile caps, wall forms, gang forms, tilt-up and pre-cast construction, column forms and ganged formed columns, beam forms and girder forms, slab and deck forms, stair forms, deck and edge forms for bridges, form hardware, slip forms, miscellaneous not otherwise covered.	100	200
C. Framing Includes framed and trussed gable roof, hip and intersecting roofs, canopies and overhangs, decking and sheathing, commercial framing, storefront walls, heavy timber and glue laminate construction and hardware, beams, sill and joists, residential framing layout, residential plating and detailing, residential wall framing, stairs, miscellaneous not otherwise covered.	800	1300
D. Exterior Finish Includes wall coverings - wood and metal, projections - all materials - soffit, fascia, canopies and overhangs, shingles, shakes and hand splits, door and window frames and units, standing and running exterior trim members, weather stripping and caulking, patented wall covering systems, miscellaneous not otherwise covered.	100	200
E. Interior Finish	800	1000



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Includes basic cabinetry casework and display fabrication, cabinets, fixtures and casework installations and hardware, shelving - patented, mill and job-built, paneling systems and furring, standing and running trim, jambs, casings and stops, door swinging, doors - folding and sliding, latch and locks sets, closers, stops and exit hardware, plastic laminates, miscellaneous not otherwise covered.		
F. Interior Systems	300	600
Includes framed partition and curtains walls, metal jambs and borrowed light frames, drywall installation on wood, metal and masonry, vinyl and patterned drywall application, stick-up ceilings, suspended lay-in ceilings, concealed ceilings, folding, sliding, and coiling partitions, de-mountable partitions, pedestal floors, insulation and sound control, wood flooring, miscellaneous not otherwise covered.		
Lathing	100	200
Includes layout and erection of studs and support systems, application of lath - nailed, screw and glued, application of lath - tied and clipped, column and pilaster framing, beams and soffits, trims, stops, beads, accessories, arches, pre-fab components assembly and installation, miscellaneous not otherwise covered.		
G. Pile Driving	100	200
Includes types of piles, hammers, lines, leads and rigs, preparation of pile for driving, setting up for driving of piles, preparation of pile for super structure, extractors, hoists, winches and related devices, hand signals for crane operations, concrete pile installation, franki pile system, step taper pile installation, sheet pile installation, wood pile installation, H-beam pile installation.		
H. Woodworking Machinery	1150	1400
Table saw description and operation, table saw joints and joinery, radial arm saw description and operation, band saw description and operation, drill press description and operation, boring machine description and operation, jointer description and operation, planer description and operation, shaper description and operation, straightline saw description and operation, panel saw description and operation, panel router description and operation, pin router description and operation, grinder and grinding tools, pneumatic tools.		
I. Cabinet Manufacturing	400	500



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Includes modular upper case, modular lower case, modular floor to ceiling, door and drawer detail, mill and machine, drawer construction and installation, door installation using different hinges, knock-down cabinetry job-site assembly, installation of modular cabinetry.		
J. Fixturework	400	500
Includes base cabinet rod layout and cutting list, base cabinet milling, machining and assembly, doors and drawers milling, machining, assembly and installation, cabinet top milling machining and assembly, cabinet top installation of plastic laminate, job-site installation of base cabinet and scribe, job-site installation of cabinet top with splash, column enclosure, restaurant booth, restaurant circular booth, display casework, refrigeration casework, liners and insulation, shop application of running trim and molding.		
K. Millwrighting		
Machine and Component	300	500
Includes drilling, tapping, reaming, doweling, bearing, gaskets, key mill operation, pump packing and inspection, sweating on coupling, belt splicing, air compressors, gear pumps, pump sealing.		
Machinery Installation	100	200
Includes basic machinery installation, machine alignment, turbine components, rigging and cribbing machinery, setting sole plates and grouting, conveyor installation, setting sub-sole plates, belt vulcanizing.		
M. Floorcovering		
Carpeting	100	200
Includes surface preparation for carpeting, layout for installation of carpet, seaming carpeting, installation of padding, installation of fastening devices, conventional carpet installation, glue-down carpet installation, finishing with metals, vinyl, others, carpet installation on walls and ceilings, carpet installation on stairs.		
Resilient Flooring	100	200
Includes surface preparation for resilient flooring, layout for installation of tile, layout for installation of sheet goods, scribing and fitting resilient flooring, seaming resilient flooring, finishing with metals, vinyl and others, coved sheet goods installation, stair treads and risers, underlayment, pattern scribing.		
Hardwood Flooring	200	400



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Includes surface preparation for wood flooring, layout for installation of wood flooring, parquet flooring installation, oak plank flooring, strip flooring, sand and finishing.

N. Supplemental Skill Areas	100	200
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Includes arc welding, cutting and burning, transit, level and laser operations, rigging, material handling and storage, scaffolding, construction materials, fasteners and hardware, basic on-site blueprint reading, asbestos abatement, hazardous material handling and disposal.

<b><u>TOTAL HOURS</u></b>	<b><u>5200</u></b>	<b><u>8000</u></b>
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**RELATED INSTRUCTION OUTLINE**  
**OCCUPATION TITLE: CARPENTER**  
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Related instruction - This instruction shall include, but not be limited to:

CLASSES CONDUCTED	HOURS
Tools and Materials	50
tools selection, use and care	
wood and wood products	
fasteners	
Safety	50
job site safety	
safety and ladders,scaffolds & machines	
local and national codes	
OSHA safety codes	
Rough Carpentry	146
blueprints and layouts	
concrete form construction	
framing	
scaffolds	
roof framing	
Exterior Finish	148
windows and doors	
roofing	
siding and decks	
Interior Finish	150
Insulation and wall finish	
interior finish	
stair framing and finish	
cabinets and countertops	
Welding	50
gas and arc	
vertical	
horizontal	
overhead	
<b><u>TOTAL HOURS</u></b>	<b><u>576</u></b>