

Appendix A

WORK PROCESS SCHEDULE CARPENTER ROOFER SPECIALIST O*NET-SOC CODE: 47-2031.01 RAPIDS CODE: 0480

This schedule is attached to and a part of these Standards for the above identified occupation.

1. TERM OF APPRENTICESHIP

The term of the occupation shall be two (2) or three (3) years with an OJL attainment of a minimum of 2,600 or 3,900 hours supplemented by the required hours of related instruction.

2. RATIO OF APPRENTICES TO JOURNEYWORKERS

(INSERT RATIO HERE) as covered in the CBA.

3. APPRENTICE WAGE SCHEDULE

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker wage rate or as per the CBA.

(FILL IN RATES)

2-year Program

1st 6 months and 650 hours ___% 2nd 6 months and 650 hours ___%
3rd 6 months and 650 hours ___% 4th 6 months and 650 hours ___%

3-year Program

1st 6 months and 650 hours ___% 2nd 6 months and 650 hours ___%
3rd 6 months and 650 hours ___% 4th 6 months and 650 hours ___%
5th 6 months and 650 hours ___% 6th 6 months and 650 hours ___%

4. SCHEDULE OF WORK EXPERIENCE (See attached Work Process Schedule)

The JATC may modify the work processes to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

5. SCHEDULE OF RELATED INSTRUCTION (See attached Related Instruction Outline)

The JATC may modify the related instruction to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

**WORK PROCESS SCHEDULE
 CARPENTER ROOFER SPECIALIST
 O*NET-SOC CODE: 47-2031.01 RAPIDS CODE: 0480**

The following schedule is an example of work experience (OJL) and training considered necessary to develop a skilled and productive worker in the Carpenter Roofer Specialist trade. Within the limits of basic trade requirements, the schedule is adaptable to local conditions.

2-Year Program

	Approximate Hours
Core Skills	325 - 500
Materials, Tools & Equipment	800 - 1150
Residential Installation	800 - 1150
Commercial Installation	400 - 700
Supplemental Skills	275 - 500
Total	2,600 - 4,000

3-Year Program

	Approximate Hours
Core Skills	325 - 500
Materials, Tools & Equipment	1000 - 1600
Residential Installation	1000 - 1600
Commercial Installation	600 - 1100
Supplemental Skills	975 - 1200
Total	3,900 - 6,000

**RELATED INSTRUCTION OUTLINE
CARPENTER ROOFER SPECIALIST
O*NET-SOC CODE: 49-9011.00 RAPIDS CODE: 0104/0104*HY**

Related instruction - This instruction shall include, but not be limited to:

Using the following training matrix, local JATCs can design a flexible training program to meet the needs of our local industries while at the same time providing apprentices the opportunity to complete their apprenticeship.

Core Skills	Materials, Tools & Equipment	Residential Installation	Commercial Installation	Supplemental Skills
Introduction to Industry	Hand and Power Tools	Basic Roof Framing	Commercial Roof Framing	Scaffold User
OSHA 10-Hour	Ladders	Hardware Installation and Safety	Panelized Roof Structures	Rigging
CPR/First Aid/AED	Hangers, Braces and Hardware	Composite Shingle	EPDM/TPO Membrane Roof	Basic Wall Framing
Construction Fall Protection	Framing Members	Synthetic Shake	Metal Roof	Cutting and Burning
Math for the Trades	Sheeting	Clay and Composite Tile	Solar Roof Tops	Welding
Print Reading	Roofing Underlayment	Integrated Photovoltaic	Green and Cool Roof Tops	Overhead Door Installation
Diversity Training	Ridge Caps and Roof Flashing	Soffits, Fascia and Siding	Inspection Criteria	Weatherization Skills
Green Awareness		Rain Gutters	Maintenance and Repairs	Door and Window Retro-Fits
		Customer Service and Professional Etiquette	Troubleshooting and Analysis	Fire Rated Solid Core and Steel Doors
Optional Instruction				
				UBC Rigging & Signaler Qualification Certificate
				Powered Industrial Truck Operator Qualification
				Aerial Lift Qualification
				Scaffold Erector Qualification

TOTAL MINIMUM HOURS: 2-Year Program 2,600; 3-year Program 3,900 hours