

## Appendix A

### **WORK PROCESS SCHEDULE SHIPWRIGHT O\*NET-SOC CODE: 47-2031.01 RAPIDS CODE: 0979**

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 four (4) years with an OJL attainment of a minimum of 8,000 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)**

**4-year Program**

1 <sup>st</sup> 6 months and 650 hours	___%	2 <sup>nd</sup> 6 months and 650 hours	___%
3 <sup>rd</sup> 6 months and 650 hours	___%	4 <sup>th</sup> 6 months and 650 hours	___%
5 <sup>th</sup> 6 months and 650 hours	___%	6 <sup>th</sup> 6 months and 650 hours	___%
7 <sup>th</sup> 6 months and 650 hours	___%	8 <sup>th</sup> 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**  
**SHIPWRIGHT**  
**O\*NET-SOC CODE: 47-2031.05 RAPIDS CODE: 0979**

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

**4-Year Program**

	Approximate Hours		
Core Skills	325	-	500
Materials, Tools & Equipment	975	-	1500
Millwork and Hull Construction	1300	-	2000
Ship Repair and Ancillary Construction	1625	-	2500
Supplemental Skills	975	-	1500
Total	5,200	-	8,000

**RELATED INSTRUCTION OUTLINE**  
**SHIPWRIGHT**  
**O\*NET-SOC CODE: 47-2031.05 RAPIDS CODE: 0979**

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.

<b>Core Skills</b>	<b>Materials, Tools &amp; Equipment</b>	<b>Millwork and Hull Construction</b>	<b>Ship Repair and Ancillary Construction</b>	<b>Supplemental Skills</b>
Trade Orientation	Material Recognition	Millwork	Small Boats	Rigging
OSHA 10-Hour	Material handling and Lumber Storage	Mold Loft	Decking and Stern Bearing Refurbishing	Light Gage Welding
CPR/First Aid/AED	Hand and Power Tools	Running Lines	Blocking and Shoring	Structural Welding
Construction Fall Protection	Millwork Equipment	Setting Bulkheads, Section and Decks	Staging	
Safety Data Sheets	Sealer and Finishing Materials	Joiner Work, Paneling and Bunks	Reffer Boxes	
Standards & Codes	Fasteners & Hardware		Launching	
Print Reading	Equipment Maintenance		Navigation Installation	
Green Awareness			Yard Maintenance	
Diversity Training			Piers and Dry-docks	
<b>Optional Instruction</b>				
Advanced Print Reading				Powered Industrial Truck Operator Qualification
Ergonomics				Aerial Lift Qualification
				UBC Rigging & Signaler Qualification Certificate

**TOTAL MINIMUM HOURS: 4-year Program 8,000 hours**