

**O.4**  
**WORK PROCESS SCHEDULE**  
**CONSTRUCTION CRAFT LABORER**  
**O\*NET-SOC CODE: 47-2061.00 RAPIDS CODE: 0661**

This trade schedule is attached to and a part of the Apprenticeship Standards for the above identified occupation. This sequence of Related Classroom Instruction is competency based and will be offered as traditional classroom training or independent study, which may include electronic media.

**1. TERM OF APPRENTICESHIP**

The term of the occupation shall be two (2) years with an OJL attainment of 4,000 hours supplemented by the required hours of related technical instruction.

**2. RATIO OF APPRENTICES TO JOURNEYPERSONS**

One (1) Apprentice to five (5) Journeypersons: one apprentice for the first skilled journeyperson employed, and one additional apprentice for each five (5) additional skilled journeypersons employed thereafter. A fraction-there-of will be adhered to.

**3. APPRENTICE WAGE SCHEDULE**

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyperson wage rate.

**Term: 4000 Hours**

1<sup>st</sup> 1000 hours = 60 percent of journeyperson's rate

2<sup>nd</sup> 1000 hours = 70 percent of journeyperson's rate

3<sup>rd</sup> 1000 hours = 80 percent of journeyperson's rate

4<sup>th</sup> 1000 hours = 90 percent of journeyperson's rate

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

Apprenticeship Oversight Committee may add to the work processes prior to submitting these Standards to the Division of Apprentice Training for approval.

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

Instruction can incorporate elements of both electronic media and traditional classroom including online training, distance learning, or independent study of established curriculum.

Curricula modules are based on industry standardized applications of current construction practices. Modules are knowledge and skill based including a system for assessment. The assessment will include task objectives, procedures, review materials, and competency-based performance tests.

## **O.4- WORK PROCESS SCHEDULE**

## **HOURS**

This instruction and experience shall include the following operations, but not necessarily in the listed sequence. Time spent on specific operations need not be continuous.

1. Site/Project Preparation and Maintenance	600
a. Clearing bucking and falling	
b. Transportation, dismantling and stockpiling of scaffolding and work platforms	
c. Grading and compaction	
d. Layout and staking protocols	
e. Rigging and signaling for work traditionally done by Construction Craft Laborers	
f. Site Preparation, clean up and security	
2. Tools, Equipment and Materials	500
a. Recognition and preparation	
b. Hand, Electric, gas, pneumatic and power tool equipment use and maintenance	
c. Material storage and security	
3. Safety	500
a. Confined space safety	
b. Flagging, signaling and traffic safety awareness	
c. Hazard material recognition	
d. Trenching and site excavation safety	
4. Environmental Remediation	800
a. Asbestos abatement, hazardous waste abatement, lead abatement, and petro-chemical abatement	
b. Radiation and radiation remediation	
5. Building Construction	800
a. Concrete - tending, placement and removal	
b. Landscaping	
c. Mason/Plasterer tending	
d. Pipe Laying	
6. Heavy/Highway Construction	800
a. Asphalt, drilling and blasting	
b. Pipe laying for work traditionally performed by Construction Craft Laborers	
c. Tunnel and shaft	
d. Concrete - tending, placement and removal	
e. Bridges	
<b>TOTAL HOURS</b>	<b>4000</b>

## **O.4- CONSTRUCTION CRAFT LABORER RELATED CLASSROOM INSTRUCTION**

*Note:* Due to regional and local code differences and climate conditions, duration of instructional competencies/modules is suggested estimates only.

<b>Modules</b>	<b>Hours</b>
Basic Safety	15
Basic Math	15
Introduction to Hand Tools	10
Introduction to Power Tools	5
Introduction to Blueprints	7.5
Basic Rigging	20
Carpentry - Orientation to the Trade	2.5
Wood Building Materials, Fasteners, and Adhesives	7.5
Site Layout 1 - Distance Measurements and Leveling	22.5
Introduction to Concrete and Reinforcing Materials	10
Handling and Placing Concrete	22.5
Exploring Careers in Construction	17.5
Foundations and Flatwork	15
Reinforcing Concrete	15
Concrete Forms	32.5
Patented Forms	22.5
Masonry - Elevated Work	15
Mobile Crane Operations - Orientation to the Trade	15
Ironworking - Introduction to the Trade	5
Electrical Safety	12.5
Metal Building Assembly - Forklifts	10
Industrial Welding - Ox fuel Cutting	17.5
Masonry in High-Rise Construction	17.5
<b>TOTAL HOURS</b>	<b>332.5</b>

DAT apprenticeship program standards recommend 150 hours of related technical instruction per year.