

TRADE SCHEDULE FOR: CARPENTER (CONSTRUCTION)

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: Internet-learning, video telecast and CD-ROM.

- Carpenters need to be able to provide proof of legal documented worker status, not citizenship.
- High School Diploma or GED equivalency policy does not apply to this trade.

1. TERM OF APPRENTICESHIP

The term of the occupation shall be 4 years with an OJT attainment of 8000 hours supplemented by the required hours of related technical instruction.

2. RATIO OF APPRENTICES TO JOURNEYPERSONS

The Ratio of Apprentices to Journeypersons will be 1:1 for the first 3 apprentices and 1:3 thereafter.

3. APPRENTICE WAGE SCHEDULE

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

Term: 8000 Hours

- 1st 1000 hours - 50% of Journeyperson's rate
- 2nd 1000 hours - 55% of Journeyperson's rate
- 3rd 1000 hours - 60% of Journeyperson's rate
- 4th 1000 hours - 70% of Journeyperson's rate
- 5th 1000 hours - 75% of Journeyperson's rate
- 6th 1000 hours - 80% of Journeyperson's rate
- 7th 1000 hours - 85% of Journeyperson's rate
- 8th 1000 hours - 90% of Journeyperson's rate

The Journeyworker wage rate on _____: base, fringe, total

4. SCHEDULE OF WORK EXPERIENCE (See attached Work Processes/Work Experience Schedule)

Apprenticeship Committees may add to the work processes prior to submitting these Standards to the appropriate Registration Agency for approval.

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

Curriculum is based on Industry Standardized applications of current construction practices in the referenced craft and is skill-based including a system for assessment. The assessment will include task objectives, procedures, review materials, and competency-based performance tests. Curriculum is designed to be completed in levels of instruction as indicated in the outline. The levels of instruction are designed to reflect a commonly accepted progression of instruction consistent with a continuous growth and understanding of the craft and attainment of the related craft skills. Levels comprise successive tiers of instruction and meet the minimum Apprenticeship, Training, Employer, and Labor Services requirement for classroom-related training.

A4.1- WORK PROCESSES/WORK EXPERIENCE SCHEDULE (On The Job Training) 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.

A. Foundations, walls, and floors	1500
a. Laying out and leveling.	
b. Building and placing straight concrete forms.	
c. Lining up and bracing concrete walls and columns.	
d. Laying out footings.	
e. Building irregular concrete forms.	
f. Building forms for concrete stairways.	
g. Laying out building lines.	
h. Safety.	
B. Framing (foundations and walls)	800
a. Laying out and framing sills and girders.	
b. Framing and setting floor joists.	
c. Erecting walls and partitions.	
d. Lining up and bracing walls and partitions.	
e. Installing sheathing and plaster grounds.	
f. Building stagings.	
g. Laying out walls and partitions.	
h. Safety.	
C. Roofs	800
a. Framing and setting common rafters.	
b. Framing and setting valley rafters.	
c. Framing and setting hip rafters.	

d. Framing and setting jack rafters	
e. Applying sheathing, composition shingles, and other types of roof covering.	
f. Safety.	
D. Exterior mill work	1000
a. Determining use of tools, materials, and equipment	
b. Operating skill saw, electric drill, and sander.	
c. Setting up and operating bench saw.	
d. Safety.	
E. Interior wall coverings	500
a. Applying wood coverings & baseboards	
b. Applying composition, sheet rock, or fiberboard.	
d. Safety.	
F. Floors	500
a. Laying subfloors.	
b. Laying hardwood floors.	
c. Erecting forms for concrete.	
d. Safety.	
G. Stairs	500
a. Laying out and cutting stair horse for various types of stairways.	
b. Laying out and cutting various threads.	
c. Installing railings.	
d. Safety.	
H. Interior finish	1000
a. Cutting and fitting base.	
b. Cutting and fitting molding.	
c. Setting doorjambs.	
d. Fitting and hanging windows.	
e. Fitting and fastening hardware.	
f. Fitting and hanging doors.	
g. Safety.	
I. Miscellaneous	1400
a. Building walkways.	
b. Erecting scaffolding.	
c. Making temporary sheds.	
d. Making miscellaneous repairs and additions.	
e. Erecting miscellaneous types of concrete forms	
f. Safety.	
TOTAL HOURS	8000

A5.1- CARPENTER RELATED CLASSROOM INSTRUCTION

Modules	Hours
Safety	200
Introduction to Construction Math	10
Introduction to Hand Tools	10
Introduction to Power Tools	5
Introduction to Blueprints	7.5
Basic Rigging	15
Orientation to the Trade	2.5
Wood Building Materials, Fasteners, and Adhesives	7.5
Hand and Power Tools	15
Floor Systems	15
Wall and Ceiling Framing	15
Roof Framing	22.5
Windows and Exterior Doors	12.5
Reading Plans and Elevations	15
Site Layout One — Distance Measurement and Leveling	17.5
Introduction to Concrete and Reinforcing Materials	10
Foundations and Flatwork	15
Concrete Forms	22.5
Reinforcing Forms	15
Handling and Placing Concrete	17.5
Manufactured Forms	17.5
Exterior Finish	25
Roofing Applications	15
Thermal and Moisture Protection	5
Stairs	10
Framing With Metal Studs	10
Drywall One: Installation	10
Drywall Two: Finishing	7.5
Interior Finish One: Doors	15
Interior Finish Two: Suspended Ceilings	15
Interior Finish Three: Window, Door, Floor, and Ceiling Trim	15
Interior Finish Four: Cabinet Installation	10
Site Layout Two: Angular Measurement	15
Advanced Roof Systems	10
Advanced Floor Systems	10
Advanced Wall Systems	15
Advanced Stair Systems	10
Introduction to Light Equipment	10
Welding	10
Metal Buildings	10
Introduction to Project Management and Supervision	10
TOTAL HOURS	702.5