

OCCUPATIONAL TOOLS AND EQUIPMENT LIST

Carpenter



Government of Newfoundland Labrador
Department of Education and Early Childhood Development
Apprenticeship and Trades Certification Division

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Preface

This document is intended as a companion to the 2024 Atlantic Apprenticeship Curriculum Standard (AACS) for the **Carpenter** occupation. It identifies the necessary tools and equipment required by apprentices and training institutions for the completion of apprenticeships.

Acknowledgements

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We offer you a sincere thank you.

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Note:

The numbers suggested in the following Tools and Equipment List represent the required minimum. Please verify this list with your selected training institution.

Tools and Equipment List Carpenter

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for Individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
TOOL			
Aviation Snips (Straight)	1	B	Colour - yellow
Block Plane	1	B	
Calculator	1	B	
Carpenter's Pencil	2	B	
Carpenter's Tool Belt	1	B	
Chalk Line	1	B	
Claw Hammer	1	B	
Combination Rip/Crosscut Saw	1	B	
Coping Saw	1	B	
Dry Line (String)	1	B	
Drywall Saw	1	B	
Ear protection	2	B	
Hard Hat	1	B	Type 1, Class E - CSA approved
Knee Pads	1 pair	B	
Level (24 in.)	1	B	
Measuring Tape (Metric & Imperial Combination)	1	B	
Multi-purpose Screwdriver	1	B	
Nail Puller	1	B	

SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT			
Item	Units for Individual Students	Required for Entry (E) Advanced (A) Both (B)	Comments
Nail Set	1	B	
Safety Boots	1	B	CSA Standard Z195-14 CSA Approved
Safety Glasses	1	B	Z87 CSA approved
Sliding T Bevel	1	B	
Spade Bit Set (1/4 in. – 1 1/4 in.)	1 Set	B	
Square: • Rafter Angle (Speed Square) • Framing (Imperial) complete with rafter tables	1 of each	B	
Utility Knife	1	B	
Wood Chisel • 1/4 in. • 1/2 in. • 3/4 in. • 1 in.	1 set	B	
Work Gloves	1	B	

Note: If identifying sets, please include specific information.

SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION				
Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
HAND TOOLS				
Adjustable Wrench (10 in.)	1	15	B	
Allen / Hex Key <ul style="list-style-type: none"> • Metric • Imperial 	2 of each	8	B	
Auger Bits (1/4 in. – 1 in.)	1 set	15 per set	B	
Aviation Snips: <ul style="list-style-type: none"> • Straight (yellow) • Left (red) • Right (green) 	3 of each	5 per each	B	
Bit Extension	1	15	B	
Bolt Cutters	1	15	B	
Builder's Level Tripod	1	15	B	
Butt Hinge Marker (3 in.)	1	15	E	
Clamps: <ul style="list-style-type: none"> • C-Clamp • Ceiling Lever Action • Bar • Spring • Mitre 	15 30 15 30 1	Per 15	B	
Callipers: <ul style="list-style-type: none"> • Inside • Outside 	1 of each	15 for each	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Carbide Router Bits: <ul style="list-style-type: none"> Round Straight Cut Flush Cut Cove Ogee 	1 of each	15 per each	B	
Caulking Gun	2	8	B	
Circle Cutter	1	15	B	
Chain Saw File	1	15	E	
Chalk Line	3	5	B	
Hammer: <ul style="list-style-type: none"> Claw Framing Drywall 	3 3 1	5	B	
Square: <ul style="list-style-type: none"> Rafter Angle (Speed Square) Framing (Imperial /Metric) Combination Try T-square 	3 of each	5	B	
Concrete Edger	1	15	B	For demo only
Concrete Float	1	15	B	For demo only
Concrete Trowel	1	15	B	For demo only
Center Punch	3	5	B	
Cold Chisel	1	15	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Saw: <ul style="list-style-type: none"> Rip Cross cut Combination Hacksaw Backsaw Coping Dovetail Drywall 	1 1 3 2 5 5 1 5		B	
Dividers	1	15	B	
Drill Bits: <ul style="list-style-type: none"> High speed steel (HSS) (1/16 in. – 1/2 in.) Wood (1/16 in. – 1/2 in.) Masonry (1/8 in. – 1/2 in.) Forstner (1/4 in. – 2 in.) Spade (1/4 in. – 1 1/4 in.) Impact driver bits Countersink 	3 of each	5 per set	B	
Dry Line (String)	3	5	B	
Files: <ul style="list-style-type: none"> Half Round Round Flat Triangular Rasp 	1 of each	15 per each	B	
Bar: <ul style="list-style-type: none"> Flat Crow Wrecking 	2 of each	8	B	
Hammer Tacker	1	15	B	
Hinge Template Kit	1 kit	15 per kit	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Hole Saw Kit (3/4 in. – 2 1/2 in.)	1 kit	15 per kit	B	
Hydraulic Jack	2	15	B	
Plane: <ul style="list-style-type: none"> • Block • Jack • Smooth • Jointer • Surform 	1 of each	15	B	
Laminate Trimmer	1	15	B	
Laminate Cutter	1	15	B	
Lathe chisels	1 set	15 per set	E	
Level: <ul style="list-style-type: none"> • Builder's • Laser • Hand (2 ft.) • Hand (4 ft.) • Line • Torpedo • Water 	1 1 2 2 1 1	15	B	
Lock Installation Jig	1	15	B	
Mallet	2	8	B	
Tape: <ul style="list-style-type: none"> • Measuring (Metric & Imperial Combination) • Surveyor's – 50 ft. • Surveyor's – 100 ft. 	4 1 of each 1 of each	4	B	
Nail Puller	3	5	B	
Nail Set	3	5	B	
Nut Driver	2 sets	8 per set	B	

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Oil Stones	2	8	B	
Pliers: <ul style="list-style-type: none"> Needlenose Linesman Side Cutters Nipping 	1 of each	15	B	
Plumb Bob (8 oz.)	6	2	B	
Pocket Hole Jig	1	15	B	
Punches	1 set	15 per set	B	
Rotary Cut-out accessories	1 kit	1 per 15	B	
Scratch Awl	1	15	B	
Screwdriver: <ul style="list-style-type: none"> Philips Robertson Slotted Multi-purpose 	3 of each	5 per each	B	
Siding Nail Hole Punch	2	8	B	
Siding Removal Tool	6	2	B	
Siding Snap Lock Punch	2	8	B	
Sliding T Bevel	3	5	B	
Stair Gauges	1 set	15 per set	B	
Strip Flooring Fastener (Hardwood Floor Nailer and Flooring Mallet)	1	15	B	
Surveyor's Rod: <ul style="list-style-type: none"> Metric/Imperial Combination Engineering 	1 of each	15 per each	B	
Trammel Points	1	15	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Tripod laser level	1	15	B	
Utility Knife	3	5	B	
Wall Jack Lift	1	15	B	
Wood Chisel: <ul style="list-style-type: none"> • 1/4 in. • 1/2 in. • 3/4 in. • 1 in. 	3 sets	5 per set	B	
Sheet Metal Brake	1	15	B	
Staple Gun	6	3	B	
PORTABLE POWER TOOLS				
Air Compressor (Portable)	3	5	B	
Angle Grinder	1	15	B	
Biscuit Joiner	1	15	B	
Chain Saw (Electric or Battery)	1	15	E	
Cordless Impact Driver	3	5	B	
Concrete Vibrator	1	15	B	
Nailer: <ul style="list-style-type: none"> • Framing • Finishing (Brad) • Pin (23 gauge) • Palm • Roofing 	1 5 1 1 1		B	
Drill: <ul style="list-style-type: none"> • Cordless (3/8 in.) • Electric (1/2 in.) • Hammer (1/2 in.) • Drywall Gun 	3 3 3 1		B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Heat Gun	1	15	B	
Narrow Crown Stapler	1	15	B	
Powder-Actuated Tool	1	15	E	
Rotary Cut-out Tool	1	15	B	
Router: • Plunge • Trimmer	1 of each	15	B	
Sander: • Oscillating • Random Orbital Sander • Belt	1 2 1	15	B	
Saw: • Circular • Jamb • Jig • Mitre – Sliding Compound • Reciprocating • Table (Portable)	5 1 2 1 1 1		B	
STATIONARY POWER TOOLS				
Bench Grinder	1	15	B	
Drill Press	1	15	B	
Jointer	1	15	B	
Lathe	1	15	E	
Router Table / Shaper	1	15	B	
Saw: • Band • Table	1 of each	15	B	
Thickness Planer	1	15	B	

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FASTENERS				
Nail: <ul style="list-style-type: none"> • Brad (1/2 in. – 2 in.) • Pin 23 gauge (1/2 in. – 1 1/2 in.) • Framing • Box • Casing • Finishing • Fascia • Roofing • Siding • Duplex • Joist Hanger 	1000 of each	Per 15	B	
Screws: <ul style="list-style-type: none"> • Drywall • Deck • Countersink • Self-tapping • Round head • Lag • Pocket hole 	1000 of each	Per 15	B	
Staples: <ul style="list-style-type: none"> • Staple Gun • Crown • Flooring Gun 	1000 of each	Per 15	B	
Hangers: <ul style="list-style-type: none"> • Single Joist • Double Joist • Hurricane Clip 	1 of each	Per 15	B	
Biscuits (size 0, 10 and 20)	1 pkg. of each	Per 15	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Bolts: <ul style="list-style-type: none"> Lag Anchor Carriage 	12 of each	Per 15	B	
EQUIPMENT				
Battery Packs	2 per tool	---	B	
Battery Chargers	1 per tool	---	B	
Broom	6	3	B	
Calculator	3	5	B	
Carpenter's Pencil	5	3	B	
Dust Collector	1	15	B	
Extension Cords	6	3	B	
Garbage Container	6	3	B	
Pick Axe	1	15	B	
Ruler: <ul style="list-style-type: none"> Architectural Engineering Metric Bench 	5 of each	3	B	
Shop Vac (Wet / Dry)	1	15	B	
Shovel: <ul style="list-style-type: none"> Round top Square top 	1 6		B	
Sledgehammer (6 lbs.)	3	5	B	
Wheelbarrow	1	15	B	
REPLACEMENT ACCESSORIES				

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Blades (Replacement): <ul style="list-style-type: none"> • Circular Saw • Coping saw • Dado • Jig saw • Jointer • Planer • Reciprocating • Table saw • Utility • Hook • Laminate cutter 	10 3 1 set 2 pkgs 1 1 6 2 1 pkg 1 pkg 1		B	
Chalk Refill (1.5 L container)	2	8	B	
Sanding discs/belts	Multiple sizes	Per 15	B	
Grinding Disc	2		B	
Chain Saw Chain	1	15	B	
Shot and Nail (multiple colours)	1 box	15	B	
Sandpaper	Multi-pack	15	B	
Wire: <ul style="list-style-type: none"> • Tie • Hanger 	1 roll/pkg	15	B	
ACCESS EQUIPMENT				
Scaffolding: <ul style="list-style-type: none"> • Frames • Decks • Braces • Jacks • Castors 	6 2 6 4 8	15 per set	B	
Roof Brackets	2	8	B	
Pump Jack	1	15	B	

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Step Ladder – 6 ft.	6	3	B	
SAFETY EQUIPMENT				
Chain Saw Kit: <ul style="list-style-type: none"> • Boot Covers • Leg Chaps • Helmet with Face Shield • Hearing Protection • Gloves 	1 kit	15 per kit	E	
Dust Mask	1 box	15	B	
Eye Wash Station	As required by OHS regulations	--	B	
Face Shield	2	8	B	
Fire Blanket	As required by fire regulations	--	B	
Fire Extinguisher	As required by OHS regulations	--	B	
First Aid Station	As required by OHS regulations	--	B	Including First Aid Kit
Hard Hat	3	5	B	Type 1, Class E CSA approved
Hearing Protection	15 per day	1 per day	B	CSA approved
Safety Eyewear				Z87 CSA approved
Work Gloves	3	5	B	
Reflective Vest	15	1	B	
FALL PROTECTION				
Lanyards	2	8	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Safety Harness	2	8	B	
Life Lines	2	8	B	
Rope Grabs	2	8	B	
Anchors	2	8	B	
RIGGING EQUIPMENT				
Block and Tackle	1	15	B	
Come-a-long: • Cable • Chain	1 of each	15 of each	B	
Slings: • Chain • Wire Rope • Web • Wire Mesh • Synthetic Round	1 of each	15	B	
Shackles: • Screw Pin Anchor • Round Pin Anchor • Safety Round Pin • Screw Pin Chain • Safety Round Pin Chain • Flat Bottom Synthetic Web	1 of each	15	B	
Chain Fall Hoist	1	15	B	
Beam: • Equalizer • Spreader	1 of each	15	B	
Fibre Rope (150 linear ft.)	1	15	B	
Hook with Safety Latch	1	15	B	

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Item	Units per 15 Students	Maximum Students per Unit	Required for Entry (E) Advanced(A) Both (B)	Comments
Wire Rope Clips: <ul style="list-style-type: none"> Fist grip U-bolt 	3 of each	5	B	
Master Link	1	15	B	
Eye Bolt: <ul style="list-style-type: none"> Shoulderless Shouldered Swivel hoist ring 	1 of each	15	B	
Turnbuckles (Eye, Clevis, Stub and Hook)	1 each	15 each	B	
Wedge Socket	1	15	B	

Note: If identifying sets, please include specific information.