

OCCUPATIONAL  
TOOL AND EQUIPMENT LIST

**Cabinetmaker**



Government of Newfoundland Labrador  
Department of Education  
Institutional & Industrial Education Division

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## **Preface**

This document is intended as a companion to the June 2009 Plan of Training for the Cabinetmaker occupation. It identifies the necessary tools and equipment required by apprentices and training institutions for the completion of apprenticeships.

## **Acknowledgements**

Advisory committees, industry representatives, instructors and apprenticeship staff provided valuable input to the development of this document. Without their dedication to quality apprenticeship training, this document could not have been produced.

We offer you a sincere thank you.

## **Contact Information**

Department of Education  
Institutional and Industrial Training Section  
Tel: 709-729-2729 / 1-877-771-3737  
Email: [app@gov.nl.ca](mailto:app@gov.nl.ca)  
Web: [www.gov.nl.ca/app](http://www.gov.nl.ca/app)

## **Note:**

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

## Tools and Equipment List Cabinetmaker

| SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT  |                               |  |          |
|---|-------------------------------|--|----------|
| Item  | Units for individual Students | Required for Entry (E)<br>Advanced (A)<br>Both (B) | Comments |
| <b>Hand Tools</b>   |                               |  |          |
| Smooth Plane  | 1                             | B  |          |
| Block Plane   | 1                             | B  |          |
| Framing Square  | 1                             | B  |          |
| Tri Square  | 1                             | B  |          |
| Combination Square  | 1                             | B  |          |
| Sliding T-Bevel   | 1                             | B  |          |
| Finish Hammer   | 1                             | B  |          |
| Nail Set  | 1                             | B  |          |
| Set of Screwdrivers, Regular  | 1                             | B  |          |
| Nailing Apron   | 1                             | B  |          |
| Utility Knife   | 1                             | B  |          |
| Wrenches, Open End, Set (Metric)  | 1                             | B  |          |
| Wrenches, Open End, Set (Imperial)  | 1                             | B  |          |
| Set of stub Screw Drivers containing: Phillips (2 sizes); Standard (large and small); Robertson (No.'s 4, 6, 8, 10) | 1                             | B  |          |
| Round File  | 1                             | B  |          |
| Plumb Bob   | 1                             | B  |          |
| Laminate File   | 1                             | B  |          |
| Set of Wood Chisels   | 1                             | B  |          |
| Hand Saw  | 1                             | B  |          |

**SECTION A: TOOLS AND EQUIPMENT REQUIRED BY STUDENT**

| Item                                 | Units for individual Students | Required for Entry (E) Advanced (A) Both (B) | Comments |
|--------------------------------------|-------------------------------|--|----------|
| Hack Saw                             | 1                             | B  |          |
| Back Saw                             | 1                             | B  |          |
| Dovetail Saw                         | 1                             | B  |          |
| Nipper Pliers (Side Cutters)         | 1                             | B  |          |
| Vice Grips                           | 1                             | B  |          |
| File Card                            | 1                             | B  |          |
| <b>Personal Protective Equipment</b> |                               |  |          |
| Safety Goggles                       | 1                             | B  |          |
| Safety Boots, pair                   | 1                             | B  |          |
| Coveralls, pair                      | 1                             | B  |          |

Note: If identifying sets, please include specific information.

| <b>SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION</b> |                              |                          |   |                 |
|--|------------------------------|--------------------------|---|-----------------|
| <b>Item</b>  | <b>Units per 15 students</b> | <b>Students per Unit</b> | <b>Required for Entry (E) Advanced (A) Both (B)</b> | <b>Comments</b> |
| <b>Safety Equipment</b>  |                              |                          |   |                 |
| Safety Shields   | 5                            | 3                        | B   |                 |
| Ear Protectors   | 15                           | 1                        | B   |                 |
| First Aid Kit  | 1                            | 15                       | B   |                 |
| Dust Masks   | 15                           | 1                        | B   |                 |
| Safety Goggles   | 3                            | 5                        | B   |                 |
| Paint Mask – NIOSH   | 15                           | 1                        | B   |                 |
| Eye Wash Station   | 2                            | 8                        | B   |                 |
| WHMIS Station  | 1                            | 15                       | B   |                 |
| <b>Hand Tools</b>  |                              |                          |   |                 |
| Smooth Plane   | 3                            | 5                        | B   |                 |
| Block Plane  | 3                            | 5                        | B   |                 |
| Framing Square   | 3                            | 5                        | B   |                 |
| Tri Square   | 3                            | 5                        | B   |                 |
| Combination Square   | 3                            | 5                        | B   |                 |
| Sliding T-Bevel  | 3                            | 5                        | B   |                 |
| Finish Hammer  | 3                            | 5                        | B   |                 |
| Nail Set   | 3                            | 5                        | B   |                 |
| Set of Screwdrivers, Regular   | 3                            | 5                        | B   |                 |
| Nailing Apron  | 3                            | 5                        | B   |                 |
| Utility Knife  | 3                            | 5                        | B   |                 |
| Wrenches, Open End, Set (Metric)                                       | 3                            | 5                        | B   |                 |
| Wrenches, Open End, Set (Imperial)                                     | 3                            | 5                        | B   |                 |
| Set of stub Screw Drivers containing: Phillips (2 sizes);              | 3                            | 5                        | B   |                 |

| <b>SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION</b>              |                              |                          |   |                 |
|---|------------------------------|--------------------------|---|-----------------|
| <b>Item</b>   | <b>Units per 15 students</b> | <b>Students per Unit</b> | <b>Required for Entry (E) Advanced (A) Both (B)</b> | <b>Comments</b> |
| <b>Standard (large and small); Robertson (No.'s 4, 6, 8, 10)</b>                    |                              |                          |   |                 |
| <b>Round File</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Plumb Bob</b>  | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Laminate File</b>  | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Set of Wood Chisels</b>  | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Hand Saw</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Hack Saw</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Back Saw</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Dovetail Saw</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Nipper Pliers (Side Cutters)</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Vice Grips</b>   | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>File Card</b>  | <b>3</b>                     | <b>5</b>                 | <b>B</b>  |                 |
| <b>Specialty Hand Tools</b>   |                              |                          |   |                 |
| <b>Glue Dispenser</b>   | <b>7</b>                     | <b>2</b>                 | <b>B</b>  |                 |
| <b>Moisture Meter</b>   | <b>1</b>                     | <b>15</b>                | <b>B</b>  |                 |
| <b>Laser Level</b>  | <b>1</b>                     | <b>15</b>                | <b>B</b>  |                 |
| <b>Level, 30"</b>   | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Level, 48"</b>   | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Portable Power Hand Tools</b>  |                              |                          |   |                 |
| <b><math>\frac{3}{8}</math>" Variable Speed Drill</b>                               | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b><math>\frac{1}{2}</math>" Variable Speed Hammer Drill</b>                        | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>3" x 24" Belt Sander</b>   | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b><math>\frac{1}{4}</math>" Trimmer router, complete with bits and accessories</b> | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Biscuit Jointer</b>  | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |

| <b>SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION</b> |                              |                          |   |                 |
|--|------------------------------|--------------------------|---|-----------------|
| <b>Item</b>  | <b>Units per 15 students</b> | <b>Students per Unit</b> | <b>Required for Entry (E) Advanced (A) Both (B)</b> | <b>Comments</b> |
| <b>3" Power Planers</b>  | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Circular Saw, 7 ¼"</b>  | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Counter Sink</b>  | <b>15</b>                    | <b>1</b>                 | <b>B</b>  |                 |
| <b>Driver Bits, Set</b>  | <b>15</b>                    | <b>1</b>                 | <b>B</b>  |                 |
| <b>Drill Bit Set, Various Sizes, Brad Point</b>                        | <b>15</b>                    | <b>1</b>                 | <b>B</b>  |                 |
| <b>Drill Bit Set, Various Sizes, Spade Point</b>                       | <b>15</b>                    | <b>1</b>                 | <b>B</b>  |                 |
| <b>Drill Bit Set, Various Sizes, Forstner Point</b>                    | <b>15</b>                    | <b>1</b>                 | <b>B</b>  |                 |
| <b>Plunge Router</b>   | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Jigsaw</b>  | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>½" Router (2 ½ to 3 ½ HP)</b>                                       | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>¼" Router, complete with bits and accessories</b>                   | <b>2</b>                     | <b>8</b>                 | <b>B</b>  |                 |
| <b>Mitre Saw</b>   | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Pneumatic Shop Tools and Equipment</b>                              |                              |                          |   |                 |
| <b>Stationary Compressor, 10 HP</b>                                    | <b>1</b>                     | <b>15</b>                | <b>B</b>  |                 |
| <b>Pin Nailer</b>  | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Staple Gun</b>  | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Disk Sander</b>   | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Brad Nailer</b>   | <b>5</b>                     | <b>3</b>                 | <b>B</b>  |                 |
| <b>Shop Clamps</b>   |                              |                          |   |                 |
| <b>Pipe Clamp, 3'</b>  | <b>3 dozen</b>               | <b>5</b>                 | <b>B</b>  |                 |
| <b>Pipe Clamp, 4'</b>  | <b>1 dozen</b>               | <b>15</b>                | <b>B</b>  |                 |
| <b>Pipe Clamp, 5'</b>  | <b>1 dozen</b>               | <b>15</b>                | <b>B</b>  |                 |
| <b>C Clamp, 8"</b>   | <b>3 dozen</b>               | <b>5</b>                 | <b>B</b>  |                 |

| <b>SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION</b> |                              |                          |   |                 |
|--|------------------------------|--------------------------|---|-----------------|
| <b>Item</b>  | <b>Units per 15 students</b> | <b>Students per Unit</b> | <b>Required for Entry (E) Advanced (A) Both (B)</b> | <b>Comments</b> |
| C Clamp 10"  | 3 dozen                      | 5                        | B   |                 |
| C Clamp 12"  | 2 dozen                      | 8                        | B   |                 |
| Band Clamp   | 2                            | 8                        | B   |                 |
| Edge Clamp   | 1 dozen                      | 15                       | B   |                 |
| <b>Stationary Machinery, Benches, and Equipment</b>                    |                              |                          |   |                 |
| Student Workbench  | 8                            | 2                        | B   |                 |
| Edge Sander  | 1                            | 15                       | B   |                 |
| Multi-boring Machine, with bits  | 1                            | 15                       | B   |                 |
| Thickness Planer, with blades  | 1                            | 15                       | B   |                 |
| Dust Collection System   | 1                            | 15                       | B   |                 |
| Vertical and Horizontal Slide Saw                                      | 1                            | 15                       | B   |                 |
| 10" Table Saw, complete with Various Blades                            | 1                            | 15                       | B   |                 |
| Hinge Boring Machine   | 1                            | 15                       | B   |                 |
| Jointer, Complete with Various Blades                                  | 1                            | 15                       | B   |                 |
| Spindle Sander   | 1                            | 15                       | B   |                 |
| Stroke Sander  | 1                            | 15                       | B   |                 |
| Edge Bander  | 1                            | 15                       | B   |                 |
| HVLP Spray System  | 1                            | 15                       | B   |                 |
| Wood Lathe (36" to 40")  | 1                            | 15                       | B   |                 |
| Panel Cart   | 1                            | 15                       | B   |                 |
| Drill Press  | 1                            | 15                       | B   |                 |
| Shaper   | 1                            | 15                       | B   |                 |
| Spray Booth  | 1                            | 15                       | B   |                 |
| Wide Belt Sander   | 1                            | 15                       | B   |                 |

**SECTION B: TOOLS AND EQUIPMENT REQUIRED BY TRAINING INSTITUTION**

| Item                                  | Units per<br>15<br>students | Students<br>per Unit | Required for<br>Entry (E)<br>Advanced (A)<br>Both (B) | Comments |
|---------------------------------------|-----------------------------|----------------------|---|----------|
| <b>Cabinetmaker Computer Software</b> | <b>1</b>                    | <b>15</b>            | <b>B</b>  |          |
| <b>CNC Machining Centre</b>           | <b>1</b>                    | <b>15</b>            | <b>B</b>  |          |

Note: If identifying sets, please include specific information.