



STATE OF NEW YORK
DEPARTMENT OF LABOR

APPENDIX A

CABINETMAKER
D.O.T. CODE 660.280-010
O*NET CODE 89311

This training outline is a minimum standard for Work Processes and Related Instruction. Changes in technology and regulations may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

	<u>Approximate Hours</u>
A. <u>Materials</u>	100 – 150
1. Learning the different kinds and grades of lumber. Learning properties and uses of plastic laminates and solid surfacing.	
2. Determining dryness of wood.	
3. Matching materials for color, grain, texture.	
4. Handling materials safely.	
B. <u>Blueprints, Drawings, Specifications</u>	325 – 500
1. Reading stock bills.	
2. Reading blueprints.	
3. Reading shop drawings.	
4. Understanding verbal instructions from supervisor.	
5. Preparing shop drawings.	
C. <u>Hand Tools</u>	325 – 500
1. Using hand tools such as planes, chisels, wood files.	
D. <u>Power Equipment</u>	975 – 1,500
1. Safe set up and operation of:	
a. cutoff saw	
b. table saw	
c. band saw	
d. jointer	
e. router	
f. planer	
g. shaper	
h. sanders	
i. boring machine	

Cabinetmaker – continuedApproximate Hours

	2. Cleaning and oiling power equipment.	
	3. Programming CNC woodworking machines (if available)	
E.	<u>Knives</u>	100 – 200
	1. Grinding knives used on all hand tools.	
F.	<u>Layout</u>	550 – 900
	1. Planning sequence of cutting and shaping operations.	
	2. Marking outline or dimensions of parts on paper or lumber stock.	
	3. Minimizing waste.	
G.	<u>Veneer Work</u>	195 – 300
	1. Cutting and matching veneer.	
	2. Laying veneer.	
H.	<u>Pre-Assembly</u>	490 – 750
	1. Inspecting parts for splits or defects in wood.	
	2. Verifying that individual component parts conform to specifications, using tools such as template, ruler, caliper.	
	3. Trimming component parts of joints to ensure proper fit.	
	4. Boring holes, by hand or machine.	
	5. Sanding flat work and molding by hand and machine.	
I.	<u>Gluing</u>	195 – 300
	1. Selecting appropriate glue or adhesive.	
	2. Applying glue or adhesive.	
	3. Clamping parts together, using clamps, or clamping machine.	
	4. Cleaning parts after glue dries.	
J.	<u>Assembly</u>	1,020 – 1,300
	1. Determining order in which parts will be assembled.	
	2. Assembling skeleton frames.	
	3. Assembling and fitting door jambs and casings.	
	4. Assembling, fitting, and hanging doors.	
	5. Assembling and fitting drawers.	
	6. Fitting and applying moldings.	
	7. Reinforcing glued joints with nails or other fasteners.	
	8. Assembling parts by dovetailing.	
	9. Assembling parts by doweling.	
	10. Forming complete unit from subassemblies:	
	a. cabinets and tops	
	b. dressers	
	c. chests	
	d. vanities	
	e. stands	
	f. mirrors	
	g. beds	

Cabinetmaker – continued

Approximate Hours

11.	Assembling wall panels and wainscot.	
K.	<u>Installation</u> Installing cabinets.	475 – 1,000
	1. Installing other built-ins.	
	2. Installing paneling.	
L.	<u>Finishing and Trimming</u>	450 – 600
	1. Finish sanding.	
	2. Staining.	
	3. Sealing.	
	4. Varnishing and lacquering.	
	5. Assembling and installing hardware.	
	6. Inspecting final product.	
	7. Final touch up and repair.	
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	Total Hours	5200 – 8000

Apprenticeship work processes are applicable only to training curricula for apprentices in approved programs. Apprenticeship work processes have no impact on classification determinations under Article 8 or 9 of the Labor Law. For guidance regarding classification for purposes of Article 8 or 9 of the Labor Law, please refer to <http://www.labor.state.ny.us/workerprotection/publicwork/PDFs/Article8FAQS.pdf>.

APPENDIX B
CABINETMAKER
RELATED INSTRUCTION

Safety (16 hours minimum)

Fundamentals (4 hours minimum)

Trade Safety (12 hours minimum)

Protective Clothing and Devices

Safety Shields/Guards on Machinery

State and Federal Safety Codes and Regulations

First Aid (minimum 6.5 hours every 3 years)

Blueprint Reading and Drawing

Elementary Blueprint Reading

Freehand Sketching

Shop Drawing Drafting

Pattern and Template Layout

Cabinet/Furniture Design (C.A.D., if available)

Architectural Drafting 1 & 2 (optional)

Mathematics

Fundamentals

Trade Math

Using Inches and Metric Measurements

Estimating

Using Handbooks, Tables, References

Stock Bill Preparation

Trade Theory and Science

Ethics and History of the Trade

Materials of the Trade

Strength of Materials

Acceptable Standards for Materials and Workmanship

Hand and Power Tools: Use and Care

Set Up, Operation, Maintenance of Power Machinery and Equipment

Interior Finishing

Exterior Finishing

Period Furniture

Stairbuilding

Introduction to the Computer

Industrial and Labor Relations (20 Hours)

History and background (6 hours, 1st year)

Current Laws and Practices (14 hours, 2nd year)

Cabinetmaker Related Instruction – continued

Sexual Harassment Prevention Training (3 hours minimum)

Other Related Courses as Required.

144 Hours of Related Instruction are required for each Apprentice for each year.