



STATE OF NEW YORK
DEPARTMENT OF LABOR

APPENDIX A

LATHER (CARPENTER)

O*NET 47-2031.01
D.O.T. 842.361-010

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 training or classroom instruction.

WORK PROCESSES

	<u>Approximate Hours</u>
A. <u>General Safety</u>	60
1. Following safety procedures for working on a construction site	
2. Using standard hand signals	
3. Safe use of ladders and lifts	
B. <u>Materials and Handling</u>	180 – 200
1. Demonstrating knowledge of the materials of the trade	
2. Safely loading, unloading, storing materials	
3. Safe operation of forklift	
4. Safe rigging	
C. <u>Scaffolds and Lifts</u>	120 – 160
1. Safely using aerial lifts	
2. Safely building and using frame scaffolding and rolling tower	
D. <u>Tools</u>	65 – 100
Safely using and caring for:	
1. hand tools	
2. portable power tools	
3. lathing tools	
4. powder actuated tools	
5. leveling devices	

E.	<u>Fastening Systems</u>	40 – 80
	1. Knowledge of various fastening systems	
	2. Selection of appropriate system for job	
F.	<u>Blueprints</u>	40 – 60
	1. Accurately reading building blueprints	
	2. Accurately reading building plans	
	3. Accurately reading specifications	
G.	<u>Layout</u>	80 – 100
	1. Layout of lath and accessories:	
	a. walls	
	b. floors	
	c. ceilings	
	d. columns, pilasters, partitions	
	2. Layout of circles and curves	
H.	<u>Framing</u>	975 – 1500
	1. Metal wall framing	
	2. Installing soffits and fascias	
	3. Installing free-form lath	
I.	<u>Installation of Metal Lath and Accessories</u>	1,000
	1. Application of metal lath on floors	
	2. Application of metal lath on ceilings (plain and arch)	
	3. Application of metal lath on columns, pilasters, walls and partitions	
	4. Application of metal lathing and plastering accessories including;	
	a. metal corner beads & guards and expansion beads	
	b. casing beads and plaster stops	
	c. picture mold	
	d. chair rail	
	e. base screed	
	f. metal base	
	g. ceiling runners or tracks	
	h. access doors	
	i. other similar accessories attached before plastering	
	5. Leveling lath and accessories, using laser or water level	
J.	<u>Installation of Pre-Plastering Materials</u>	1,000
	1. Installation of gypsum lath and exterior lathing material, using fasteners and hand/power tools	

APPENDIX B

LATHER (CARPENTER)

RELATED INSTRUCTION

Safety and Health

- General safety
- OSHA 10-hour construction course
- Fall protection
- Scaffolding safety and regulations
- Proper lifting techniques
- Asbestos Awareness – minimum 4 hours (see attachment)
- First Aid/CPR – minimum 6.5 hours every 3 years

Blueprints

- Blueprint reading: basic and advanced
- Plan and specification reading
- Layout, including circle and curves

Mathematics

- Fundamentals
- Math for carpenters

Trade Science

- Orientation to the industry
- Materials of the trade and handling
- Forklift operation
- Rigging
- Aerial lifts
- Introduction to scaffolding
- Frame scaffolding
- Tube & clamp scaffolding
- Systems scaffolding
- Hand tools
- Portable power tools
- Lathing tools
- Powder actuated tools
- Fastening systems
- Metal wall framing
- Soffits and fascias
- Lath applications
- Free-form lath
- Leveling devices
- Introduction to ceiling systems

Trade Science – continued

- Suspended lath

Lather (Carpenter) Related Instruction - continued

Light gauge welding (SMAW and GMAW)

Introduction to oxyacetylene cutting

Barrel ceiling

Groin ceiling

Dome ceiling

Interpersonal Workplace Skills

Industrial and Labor Relations (20 hours)

History and background (6 hours, 1st year)

Current laws and practices (14 hours, 2nd year)

Sexual harassment prevention training – minimum 3 hours

Suggested Additional Course

Computer skills

A minimum of 144 hours of Related Instruction is required for each apprentice for each year.

ATTACHMENT TO APPENDIX B

Asbestos Awareness

This course must be delivered by one of the following:

1. A provider currently approved by the New York State Department of Health to deliver asbestos safety training.
2. A person holding a current Asbestos Handler certificate from the New York State Department of Labor in the title of: Inspector, Supervisor, Project Monitor, Management Planner, or Project Designer.
3. Anyone otherwise approved by the New York State Education Department.

Minimum course contents must include the following:

1. Definition of asbestos
2. Types and physical characteristics
3. Uses and applications
4. Health effects:
 - Asbestos-related diseases
 - Risks to families
 - Cigarette smoking
 - Lack of safe exposure level
5. Employer-specific procedures to follow in case of potential exposure, including making a supervisor or building owner immediately aware of any suspected incidental asbestos disturbance so that proper containment and abatement procedures can be initiated promptly.

Notwithstanding the above course requirement, employers are advised that they must also be in compliance with New York State Department of Labor Industrial Code Rule 56 at all times.

Employers are further advised, and must advise all apprentices, that completion of the above course requirement does not authorize any person to remove, encapsulate, enclose, repair, disturb, or abate in any manner, any friable or non-friable asbestos, asbestos containing material, presumed asbestos containing material, or suspect miscellaneous asbestos containing material.