LATHER (WOOD, WIRE AND METAL)

APPENDIX A

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

This training outline is the current standard for Work Processes and Related Instruction. However, changes in technology, regulations, and/or health & safety issues may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

		Approximate Hours
A.	Installing Metal Lath and Accessories	1600

1. Setting up pipe scaffolding, as needed.
2. Safety training for working on scaffolding.
3. Erecting metal framework to receive lath, as required, using fasteners and hand/power tools.
4. Applying metal lath on ceilings, pilasters, columns, and partitions.
5. Applying all metal lathing accessories, including:
   a. metal corner beads & guards and expansion beads
   b. casing beads and plaster stops
   c. picture mold
   d. base screed
   e. metal base
   f. ceiling tracks
   g. access doors
   h. other similar accessories attached before plastering

i. insulation.

6. Leveling lath and accessories, using laser or water level.

B. Installing Pre-Plastering Materials 1240

1. Installing gypsum lath and exterior lathing material, using fasteners and hand/power tools.
2. Installing metal lath or any material used as a base for plaster acoustical material.
3. Installing cornerites, beads, stops, all other accessories.
4. Applying insulation.
5. Installing veneer board on all ceilings and all necessary accessories.

C. Installing Ceiling Suspension Systems 1000

1. Installing plaster ceiling systems in their entirety (exclusive of actual plastering).
2. Installing concealed systems requiring carrying channels.
4. Applying exposed grid systems; fire-rated exposed grid systems, and fire-rated semi-exposed grid systems.
3. Applying insulation.

D. Bending and Fabricating All Reinforcing Steel Used in Concrete 2900

1. Reading blueprints/sketches to determine what materials are needed.
2. Unloading, handling, storing materials.
3. Cutting rebar or wire mesh using saw, shears, bar cutters, cutting torch.
4. Tag writing.
5. Bending materials, using hand tools or machine.
6. Welding rebar members together.
7. Installing post-tension systems.

E. Blueprint Reading and Layout for Reinforcing Work 500

1. Reading blueprints/sketches to determine positions of reinforcing members.

2. Placing rebar in concrete forms, tying together securely at specified intervals, using wire and pliers or nippers.
3. Placing blocks under rebar to keep it at required height as concrete is poured.
4. Placing wire mesh in proper and secure position as concrete is poured.
5. Servicing the concrete pour to ensure rebar is secured in proper position.

F. Rigging and Signaling 760

Erecting or lifting with all types cranes:
1. Determining swing radius and capacity
2. Erecting, disassembling, inspecting cranes
3. Using proper hand signals.

TOTAL HOURS 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

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APPENDIX B

RELATED INSTRUCTION

Safety

General construction site safety
OSHA 10- and 30-Hour Construction Course
Hand signals for construction sites
Proper lifting techniques
Fall protection (ladder and personnel lift safety)
Scaffold safety
Proper use of personal protective equipment, including respirator
Safely working with machines
Safe use, storage, disposal of trade chemicals (including familiarization With Safety Data Sheets (SDS))
Protection from sun's rays
Avoiding repetitive motion injuries
Asbestos awareness – minimum 4 hours (see attachment)
First aid/CPR – minimum 6.5 hours every year

Blueprints

Fundamentals of blueprint reading and sketching
Blueprint reading for the building trades
Building codes, specifications, templates

Mathematics

Fundamentals
Trade math

Trade Theory and Science

Proper use, care, and maintenance of tools, machines, equipment
Materials of the trade
Terminology
Lathing methods and techniques
Reinforcing work
Post-tension principles and applications

Voided slabs
Cutting and burning
Welding
Rigging and signaling

Workforce Skills

Industrial and Labor Relations (20 hours)
History and background (6 hours, first year)
Current laws and practices (14 hours, second year)
Teamwork skills
Sexual harassment prevention training – minimum 3 hours

Other Related Courses as Necessary

A total of 726 hours of Related Instruction is required for each apprentice during the course of the apprenticeship.

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.