

PLASTERER

APPENDIX A

O*NET CODE 47-2161.00

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

Approximate Hours

A. Plaster Systems 900

1. One Coat Plaster System
 - a. Learn to handle mortar with tools
 - b. Character of materials
 - c. Scratch on wire lath walls (from floor).
 - d. Spacing of lath, value of key.
 - e. Scratch on wire lath ceiling, weights of wire lath, support and fastening.
2. Full Coat Plaster System
 - a. Screeding between dots – use of rod, featheredge, darby and proportion.
 - b. Character of materials.
 - c. Browning and rodding – condition of base.
 - d. Gauging white mortar – control of set.
 - e. Setting rods – use of running rods and arris rods.
 - f. Laying on white coat – use of water and brush.
 - g. Trowelling to polished surface.
3. Veneer Plaster System
 - a. Character and uses of materials.
 - b. Applying thin-coat (veneer) plaster.

B. Finishing in Artificial Stone, Texture Materials and Acoustic Materials 500

1. Gauging materials, manufacturer's specifications.

2. Jointing, texturing and finishing – layout of various types of stone-jointing, spray ceilings.
3. Application of acoustic plaster – characteristics, composition and control of set.
4. Portland cement plaster, finishing, textures and mixtures
5. Simulated brick.
6. Pebble dash.

C. Ornamental Plastering

350

1. Making a cornice mold, corncicing, mitering, bench running setting breaks.
 - a. Making sheet iron cornice mold.
 - b. Muffling cornice mold.
 - c. Establishing dots and running screeds.
 - d. Setting running rods.
 - e. Blocking in muffled cornice.
 - f. Running cornice.
 - g. Putting in miter.
 - h. Plank running.
 - i. Setting break.
 - j. Running, cutting and setting stiles.
 - k. Layout of miter cuts.
2. Setting out arches, semi-circular, elliptical, Gothic.
 - a. Making running mold to be run from center, from template or running rod.
 - b. Running arches with radius rods.
 - c. Running arches from pressed screed or template.
 - d. Running elliptical arch from trammel.
 - e. Running segmental arch from radii.
 - f. Running Gothic Arch from radii.
 - g. Making good and mitering segmental and Gothic arches.
 - h. Layout of arches.
3. Molding, casting and sticking ornament.
 - a. Provision for ornament in cornice.
 - b. Glue molding egg and dart molding.

- c. Stripping/curing glue mold – characteristics of molding glue.
- d. Casting in plaster – preparation of glue for mold casting.
- e. Sticking and pointing ornament – centering and layout of ornament – preparation of cornice and sticking materials.

D. Exterior Insulation and Finishing Systems **1800 – 2750**

- 1. Detail and layout of systems.
- 2. Material and colors – mixtures.
- 3. Applying and cutting of foam.
- 4. Routing and rasping, cutting joints.
- 5. Application of base coat and mesh.
- 6. Applying of finish.
- 7. Floating and texturing.
- 8. Patching.
- 9. Refloating and recoating.
- 10. Caulking, sealants.

E. Fireproof Materials, Fireproofing **1250 – 1500**

- 1. Understanding the different fire ratings in the U.L. codes.
- 2. Understanding the uses and characteristics of fiber and cementitious fireproofing.
- 3. Applying each type: spray application, hand application, patching.
- 4. Measuring material applied.

Approximate Total Hours **4800 – 6000**

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 <https://dol.ny.gov/public-work-and-prevailing-wage>

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APPENDIX B

RELATED INSTRUCTION

Blueprint Reading and Drawing for Building Trades

1. Elementary
2. Advanced

Safety

1. Fundamentals (OSHA 10-Hour Construction Course, 1st year)
2. Trade Safety (12 hours minimum per year)
3. Asbestos Awareness – minimum 4 hours (see attachment)
4. Lead Safety Awareness
5. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law
6. First Aid – 6.5 hours minimum, every 3 years – certified training required

Mathematics

1. Fundamentals
2. Trade Mathematics
3. Estimating

Industrial and Labor Relations (20 hours)

1. History and Background (6 hours, 1st year)
2. Current Laws and Practices (14 hours, 2nd year)

Trade Theory and Science

1. History of Plaster Trade
2. Materials of the Trade
3. Care and Use of Tools and Equipment
4. Wet Plaster Classroom Instruction
5. Casting of Ornamental Plaster

Other Related Courses as necessary

A Minimum of 144 Hours of Related Instruction are Required for Each Apprentice for Each Year.

Appendix B topics are approved by New York State Education Department.

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:
 - a. Asbestos-related diseases
 - b. Risks to families
 - c. Cigarette smoking
 - d. 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.