

PAINTER & DECORATOR

APPENDIX A

O*NET CODE 47-2141.00

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. Safety	100
1. Properly ventilating work area.	
2. Recognizing hazardous materials, including lead and asbestos.	
3. Using protective clothing and equipment.	
B. Shop Work	300
1. Learning shop cleanliness.	
2. Cleaning pots and pails.	
3. Cleaning and maintaining brushes and rollers; cleaning and maintaining hand and power-driven tools and equipment.	
4. Inspecting and maintaining scaffolding, ladders, rigging.	
5. Reading work orders and/or understanding verbal instructions.	
C. Materials	500
1. Selecting appropriate materials for various applications (optional*):	
a. white pigments	
b. extender, metal primer, and metal pigments	
c. color pigments	
d. binders, thinners, and dryers	
e. primers and sealers	
f. oil paints and enamels	
g. water paints and emulsions	
h. clear coatings	

- i. stains
 - j. mastics, cement enamels, and other special coatings
 - k. plastics
 - l. adhesives
 - m. coatings and linings (tanks, vats, and vessels)
 - n. foams
2. Mixing paints (optional*)
 3. Matching colors

D. Painting Interior Surfaces

2,500

(wood and composition, masonry and concrete, metal, plaster, painted, drywall)

1. Preparatory Work
2. Using drop cloth
3. Protecting floors and furniture (drop cloth, masking tape and paper).
4. Erecting and using scaffolding and ladders; safety.
5. Washing and repairing plaster (brushing on mildew
6. Remover; filling holes, cracks, joints with caulk, putty, plaster, other filler; sanding).
7. Drywall finishing and surface treatment.
8. Removing old paint, wallpaper, varnish (stripping, scraping, sanding, chemicals, steel wool, wire brush).
9. Washing wood.
10. Removing fixtures – e.g., electric switch covers, wall decorations.
11. Painting Plaster and Drywall
12. Using brush, roller, and spray gun. Using and maintaining compressor.
13. Sealing/priming.
14. Applying finishing coats.
15. Textured ceilings.
16. Painting Wood
17. Using brush, roller, and spray gun.
18. Puttying to conceal holes, cracks, flaws.
19. Sealing/shellacking knots/priming.

- 20. Sanding.
- 21. Applying finishing coats.
- 22. Varnishing Wood
- 23. Using brush, roller, and spray gun.
- 24. Filling/Sealing/Priming.
- 25. Staining.
- 26. Shellacking.
- 27. Sanding.
- 28. Puttying to conceal holes, cracks, flaws.
- 29. Bleaching.
- 30. Applying finishing coats.
- 31. Rubbing.
- 32. Waxing and buffing.

E. Painting Exterior Surfaces

1,700

- 1. Preparatory Work
 - a. Using drop cloth; covering surfaces with masking tape and paper; erecting containment enclosures.
 - b. Using ladders. Erecting and setting up scaffolding, including swing stages and bosun chair.
 - c. Using and maintaining hydro-water blasting equipment.
 - d. Scraping and sanding.
 - e. Removing rust.
 - f. Using and maintaining sandblasting equipment.
 - g. Burning off old paint.
- 2. Painting Wood, Metal, Concrete
 - a. Using brush, roll and spray gun. Using and maintaining compressor.
 - b. Sealing and priming; treating new metal for painting.
 - c. Puttying and caulking to conceal holes, cracks, flaws.
 - d. Sanding between coats.
 - e. Applying finishing coats.

F. Spray Painting

200

- 1. Cleaning spray equipment.
- 2. Mixing paint.

3. Using of spray gun.

G. Specialty Work (optional*)

700

1. Stippling and texturing.
2. Blending and glazing.
3. Metal and gold leafing.
4. Stencil cutting.
5. Stenciling and decorative striping.
6. Simulating wood grain, marble, brick, tile, similar effects.
7. Special effects using cloth, brush, sponge, fingers.
8. Coating and linings (tank, vats and vessels).
9. Other.

Approximate Total Hours 6,000

*If optional components are not selected, the time should be devoted to additional mastery of the required Work Processes.

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

Safety

1. Trade Safety (including rigging; fall-protection; lead safety; identification, handling and disposal of other hazardous chemicals and materials; applicable OSHA and EPA regulations, standards, and rules)
2. OSHA 10-Hour Construction Course – if required for Public Work
3. Asbestos Awareness – minimum 4 hours (see attachment)
4. First Aid – 6.5 hours minimum every three years
5. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

Industrial and Labor Relations (20 hours)

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

Mathematics

1. Fundamentals of Trade Mathematics
2. Estimating Materials and Costs

Blueprints and Work Orders

1. Fundamentals of Reading Blueprints
2. Fundamentals of Reading Work Orders (optional)

Trade Theory and Science – Painting

1. Paints, Stains, Varnishes, Other Materials: Types and Properties
2. Tools of the Trade: Identification, Care, Safe Use
3. Surface Preparation
4. Paint Mixture (optional)
5. Paint Matching
6. Application of Various Coatings (paint, stain, glaze, etc.)
7. Wood Finishing
8. Color Theory and Harmony

9. Stencil Drafting and Cutting (optional)
10. Gold Leafing (optional)
11. Customer Service

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.