



Pembroke/ Hopkins Park Community Outreach Program

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Level One

MODULE 45101-07 – INTRODUCTION TO THE TRADE (5 Hours)

1. Describe the history of the drywall trade.
2. Identify the aptitudes, behaviors, and skills needed to be a successful drywall specialist.
3. Identify the training opportunities within the drywall trade.
4. Identify the career and entrepreneurial opportunities within the drywall trade.
5. Identify the responsibilities of a person working in the construction industry.
6. State the personal characteristics of a professional.
7. Explain the importance of safety in the construction industry.

MODULE 45102-07 – CONSTRUCTION MATERIALS AND METHODS (12 Hours)

1. Describe the composition and uses of the common types of residential building materials.
2. Identify the major structural components of a residential building.
3. Describe the composition and uses of the common types of commercial building materials.
4. Describe common methods of residential and commercial construction.
5. State the major steps in the construction of a frame residence.
6. Explain common terms used in construction.
7. Identify various types of suspended ceilings.
8. Identify the various types of gypsum board and their applications.
9. Describe types of fire-stopping systems.
10. Describe the construction of walls to meet code requirements for fire and sound ratings.

MODULE 45103-07 – THERMAL AND MOISTURE PROTECTION (7.5 Hours)

1. Describe the requirements for insulation.
2. Describe the characteristics of various types of insulation material.
3. Calculate the required amounts of insulation for a structure.
4. Install selected insulation materials.
5. Describe the requirements for moisture control and ventilation.
6. Install selected vapor barriers.



7. Describe various methods of waterproofing.
8. Describe air infiltration control requirements.
9. Install selected building wraps.

MODULE 45104-07 – DRYWALL INSTALLATION (25 Hours)

1. Identify the different types of drywall and their uses.
2. Select the type and thickness of drywall required for specific installations.
3. Select fasteners for drywall installation.
4. Explain the fastener schedules for different types of drywall installations.
5. Perform single-layer and multi-layer drywall installations using different types of fastening systems, including:
 - Nails
 - Drywall screws
6. Install gypsum drywall on steel studs.
7. Explain how soundproofing is achieved in drywall installations.
8. Estimate material quantities for a drywall installation.

MODULE 45105-07 – DRYWALL FINISHING (25 Hours)

1. State the differences between the six levels of finish established by industry standards and distinguish a finish level by observation.
2. Identify the hand tools used in drywall finishing and demonstrate the ability to use these tools.
3. Identify the automatic tools used in drywall finishing.
4. Identify the materials used in drywall finishing and state the purpose and use of each type of material, including:
 - Compounds
 - Joint reinforcing tapes
 - Trim material
 - Textures and coatings
5. Properly finish drywall using hand tools.
6. Recognize various types of problems that occur in drywall finishes; identify the causes and correct methods for solving each type of problem.
7. Patch damaged drywall.

Level Two

MODULE 45201-09 – COMMERCIAL DRAWINGS (25 Hours)

1. Recognize the differences between commercial and residential construction drawings.



2. Identify the sheet index, material symbols, code summary, project team, and other references contained in a set of commercial drawings.
3. Accurately read a set of commercial drawings.
4. Identify and document specific items from a door and window schedule.
5. Explain basic construction details and concepts employed in commercial construction.

MODULE 45202-09 – STEEL FRAMING (5 Hours)

1. Identify the components of a steel framing system.
2. Identify and select the tools and fasteners used in a steel framing system.
3. Identify applications for steel framing systems.
4. Build back-to-back, box, and L-headers.
5. Lay out and install a steel stud structural wall with openings to include bracing and blocking.
6. Lay out and install a steel stud nonstructural wall with openings to include bracing and blocking.
7. Interpret engineer drawings/shop installations.
8. Follow shop drawings to build:
 - Windows/openings
 - Bottom track
 - Top track
 - Bypass clips
 - Deflection cups
9. Integrate work of other trades:
 - Window
 - Water management
 - Stone/brick
 - Miscellaneous iron support

MODULE 45203-09 – ACOUSTICAL CEILINGS (5 Hours)

1. Establish a level line.
2. Explain the common terms related to sound waves and acoustical ceiling materials.
3. Identify the different types of suspended ceilings.
4. Interpret plans related to ceiling layout.
5. Sketch the ceiling layout for a basic suspended ceiling.
6. Perform a material takeoff for a suspended ceiling.
7. Install selected suspended ceilings.

MODULE 45204-09 – INTERIOR SPECIALTIES (10 Hours)

1. Describe the composition and use of common types of specialty interior products.



2. Identify the different installation and attachment methods used with specialty interior products.

MODULE 45205-09 – EXTERIOR CLADDING (20 Hours)

1. Distinguish between extruded and expanded foam insulations.
2. Identify trims used in exterior insulation and finish systems (EIFS) and stucco, and state their uses.
3. Distinguish between traditional and water management EIFS.
4. Distinguish between traditional hard-coat plaster and synthetic finishes.
5. Describe how to install synthetic veneer stone.
6. Describe building features commonly created with glass fiber reinforced concrete (GFRC).

MODULE 45206-09 – SPECIALTY FINISHES (7.5 Hours)

1. Identify various material types for interior finishes and state their applications.
2. Identify and select the appropriate tools used to apply specific interior finishes.
3. Identify various finish and texture samples.