

# PAINTING AND DECORATING

## STUDENT GRADE RECORD Career & Technical Education WINDHAM SCHOOL DISTRICT

Student Name \_\_\_\_\_

TDCJ # \_\_\_\_\_

Social Security Number \_\_\_\_\_

Certified Craft Instructor \_\_\_\_\_

Certified Craft Instructor Code \_\_\_\_\_

Unit \_\_\_\_\_

WSD Certificate	Y / N
If I were hiring for this position, I would: (check one) <input type="checkbox"/> 0-No recommendation at this time. (Cannot be used for Completers.) <input type="checkbox"/> 1-Hire this person and look no further. <input type="checkbox"/> 2-Interview this person along with other applicants <input type="checkbox"/> 3-Not hire this person.	
<b>Complete only if student attempted industry certification.</b>	
Name of Industry Certificate	Code      P/F
NCCER, Core	0300
NCCER, Painting, Level-I	0316
CSSO	0102
OSHA	0100

*I attest that all of the information reported on this form is true.*

\_\_\_\_\_  
Certified Craft Instructor Signature

Date of Report – CORE \_\_\_\_\_

Date of Report – CSSO \_\_\_\_\_

Date of Report – Level I \_\_\_\_\_

\_\_\_\_\_  
Sponsor Representative

Course Outline Modules	Industry Module Test	Industry Module Performance	Module Competency Rating
<b>CORE</b>			
0. CTE Orientation			
1. Basic Safety- 00101-09			
2. Introduction to Construction Math- 00102-09			
3. Introduction to Hand Tools- 00103-09			
4. Introduction to Power Tools- 00104-09			
5. Introduction to Construction Drawings- 00105-09			
6. Basic Rigging- 00106-09			
7. Basic Communication Skills- 00107-09			
8. Basic Employability Skills- 00108-09			
9. Introduction to Materials Handling- 00109-09			
<b>PAINTING LEVEL-I</b>			
10. Careers in the Painting Trade- 07101			
11. Safety- 07102			
12. Ladders, Scaffolds, Lifts, and Fall Protection- 07103			
13. Identifying Surface Substrate Materials and Conditions- 07104			
14. Protecting Adjacent Surfaces- 07105			
15. Basic Surface Preparation- 07106			
16. Sealants and Repair Fillers- 07107			
17. Introduction to Paints and Coating- 07108			
18. Brushing and Rolling Paints and Coatings- 07109			
<b>OPTIONAL</b>			
19. Drywall Finishing and Patching- 07206			
20. Stains- 07207			
21. Clear Finishes- 07208			
22. Wood finishing- 07209			
23. Spray Painting (Conventional, airless, and HVL)- 07211			
24. Decorative (Faux) Finishes- 07305			
25. Graphics- 07307			
26. Texturing- 07308			

Windham Module Test Average		x . 75		a	Completer
Windham End of Course Exam		x . 25		b	
Windham Module Score (a + b=)					70+
% Competencies Completed					70+
Module Competency Rating					2.7+

*I hereby authorize the NCCER Registry Department to verify information in my craft training records to Sponsor Representatives upon request. I release and hold harmless the National Center for Construction Education and Research for this verification process.*

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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## STUDENT PROGRESS RECORD

### RECORDING DIRECTIONS

SKILL RATING: Post the student's competency rating for each skill performed.

MODULE TEST SCORE: Enter the student's test score for the module.

MODULE RATING: Use the following scale to determine module rating.

[4] **Skilled**- Can perform competencies independently with no supervision.

[3] **Moderately Skilled**- Can perform competencies with limited supervision.

[2] **Limited Skill**- Requires instruction and close supervision to perform competencies.

**Note:** When evaluating a student's module rating, skill performance should be given priority.

### CORE

#### 0.CTE Orientation

Teacher Student

Initial Initial

- \_\_\_\_ | \_\_\_\_ 1. Identify employment opportunities related to the course.
- \_\_\_\_ | \_\_\_\_ 2. Identify the number of classroom hours a student must attend to be considered as a completer.
- \_\_\_\_ | \_\_\_\_ 3. Identify the industry-recognized certification.
- \_\_\_\_ | \_\_\_\_ 4. Identify course expectations including:
- Working conditions
  - Attendance expectations
  - Instructor's expectations

#### 1. Basic Safety- 00101-09

Module Test Score \_\_\_\_\_

Minimum 100% Required

\_\_\_\_ Module Rating (4, 3, 2)

- \_\_\_\_ 1. Inspect personal protective equipment (PPE) to determine if it is safe to use (PPE should include safety goggles, hard hat, gloves, safety harness and safety shoes).
- \_\_\_\_ 2. Properly don and remove personal protective equipment (PPE should include safety goggles, hard hat and fall protection).
- \_\_\_\_ 3. Demonstrate safe lifting procedures.
- \_\_\_\_ 4. Set up an extension ladder properly.
- \_\_\_\_ 5. Demonstrate three-point contact on a ladder.

#### 2. Introduction to Construction Math- 00102-09

Module Test Score \_\_\_\_\_

This is knowledge-based; there is no performance test.

#### 3. Introduction to Hand Tools- 00103-09

Module Test Score \_\_\_\_\_

\_\_\_\_ Module Rating (4, 3, 2)

- \_\_\_\_ 1. Visually inspect the following tools to determine if they are safe to use:
- Hammer
  - Screwdriver
  - Saw

\_\_\_\_ 2. Make a straight square cut using a crosscut saw.

\_\_\_\_ 3. Safely and properly use a minimum of 3 of the following tools:

- Hammer and cat's paw (to drive and pull nails)
- Screwdriver (slotted and Phillips)
- Adjustable wrench
- CHANNELLOCK® pliers
- Spirit level
- Carpenter's square and steel tape
- Saw

#### 4. Introduction to Power Tools- 00104-09

Module Test Score \_\_\_\_\_

\_\_\_\_ Module Rating (4, 3, 2)

\_\_\_\_ 1. Safely and properly use three of the following tools:

- Electric drill
- Circular saw
- Saw Zall®
- Pneumatic power nailer

#### 5. Introduction to Construction Drawings- 00105-09

Module Test Score \_\_\_\_\_

\_\_\_\_ Module Rating (4, 3, 2)

\_\_\_\_ 1. Using the floor plan supplied with this module:

- Locate the wall common to both interview rooms.
- Determine the overall width of the structure studio.
- Find the distance from the outside east wall to the center of the beam in the structure studio.
- Find the elevation of the slab.

#### 6. Basic Rigging- 00106-09

Module Test Score \_\_\_\_\_

\_\_\_\_ Module Rating (4, 3, 2)

- \_\_\_\_ 1. Select and inspect appropriate slings for a lift.
- \_\_\_\_ 2. Given various loads, determine the proper hitch to be used.

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- \_\_\_\_\_ 3. Select and inspect appropriate hardware and/or lifting equipment.
- \_\_\_\_\_ 4. Demonstrate and/or simulate the proper techniques for connecting hitches.
- \_\_\_\_\_ 5. Demonstrate the proper use of all hand signals according to ANSI B30.2 and B30.5.
- \_\_\_\_\_ 6. Describe and demonstrate pre-lift safety checks.
- \_\_\_\_\_ 7. Demonstrate and/or simulate how to lift a load level.
- \_\_\_\_\_ 8. Describe and/or demonstrate safety precautions for attaching and disconnecting a load.

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## 7. Basic Communication Skills- 00107-09

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Fill out daily a work-related form supplied by your instructor. (Handouts 4 and 5 are sample forms and are provided in the AIG for this module as an optional resource.)
- \_\_\_\_\_ 2. Read instructions for how to properly don a safety harness, orally instruct another person to don the apparatus.
- \_\_\_\_\_ 3. Perform given task after listening to oral instructions.

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## 8. Basic Employability Skills- 00108-09

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Demonstrate the ability to access, retrieve, and print from the following basic software programs:
  - Email
  - Databases
  - Internet

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## 9. Introduction to Materials Handling- 00109-09

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Demonstrate proper materials-handling techniques.

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## PAINING LEVEL-I

### 10. Careers in the Painting Trade- 07101

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Demonstrate an understanding of the progression of job levels within the painting trade. Describe the acquired skills and/or responsibilities for each classification:

- Apprentice
- Journeyworker
- Master
- Supervisor
- Manager/Administrator
- Estimator
- Contractor/Owner

- \_\_\_\_\_ 2. Demonstrate an understanding of what it means to be a professional painter:

- Demonstrate a high level of productivity
- Be honest and have personal integrity
- Maintain a good appearance
- Practice good work habits
- Maintain good relations with employers, customers, and other craftspeople

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### 11. Safety- 07102

*Module Test Score* \_\_\_\_\_

*Minimum 100% Required*

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Properly put on a half-mask respirator and perform positive and negative fit checks.
- \_\_\_\_\_ 2. Use an MSDS to identify all safety procedures that should be followed, the personal protection equipment that should be used, and any potential hazards that must be considered when using and handling a specific material.
- \_\_\_\_\_ 3. Interpret HMIS and/or NFPA codes to identify personal protection equipment and any potential hazards that must be considered when using and handling a specific material.

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### 12. Ladders, Scaffolds, Lifts, and Fall Protection- 07103

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Correctly use fall arresting and other fall protection equipment:
  - Body harness and belts
  - Lanyards
  - Deceleration devices
  - Lifelines
  - Anchoring devices and equipment connectors
- \_\_\_\_\_ 2. Erect and safely climb, climb, descend, and work from various ladders:
  - Stepladders
  - Single ladders
  - Extension ladders
  - Trestle and extension trestle ladders

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\_\_\_\_\_ 3. Install and use selected ladder accessories:

- Ladders jacks
- Folding ladder hooks
- Ladder shoes
- Pole straps
- Ladder lash
- Levelers
- End caps
- Stabilizers
- Tool/paint trays

\_\_\_\_\_ 4. Erect and safely use selected scaffolds:

- Built-up scaffolds
- Swing scaffolds
- Beam-suspended scaffolds

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## 13. Identifying Surface/Substrate Materials and Conditions- 07104

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Identify various selected substrates and surfaces.
- \_\_\_\_\_ 2. Describe general methods of preparation for the selected substrates and surfaces.

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## 14. Protecting Adjacent Surfaces- 07105

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Recognize and describe the application of selected masking materials.
- \_\_\_\_\_ 2. Demonstrate the use of selected masking methods and tools.
- \_\_\_\_\_ 3. Demonstrate/describe selected methods and materials for interior/exterior coverings.

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## 15. Basic Surface Preparation- 07106

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Recognize and describe the uses of various preparation agents.
- \_\_\_\_\_ 2. Recognize and describe the uses of various hand tools.
- \_\_\_\_\_ 3. Demonstrate/describe the uses of various power tools.
- \_\_\_\_\_ 4. Demonstrate/describe various surface preparation methods.
- \_\_\_\_\_ 5. Demonstrate/describe various substrate repair methods.

\_\_\_\_\_ 6. Demonstrate various inspection test devices.

\_\_\_\_\_ 7. Describe general preparation procedures and hazards for selected surfaces and substrates.

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## 16. Sealant and Repair/Fillers- 07107

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Recognize the different types of joints and substrates.
- \_\_\_\_\_ 2. Identify the different properties on product data sheets and package labels.
- \_\_\_\_\_ 3. Select the appropriate products for various applications.
- \_\_\_\_\_ 4. Prepare substrates for sealant.
- \_\_\_\_\_ 5. Prepare and apply gun grade sealant to various joints:
- Using a hand-operated gun
  - Using a battery-operated or pneumatic gun
- \_\_\_\_\_ 6. Apply knife grade sealant to various types of crevices.
- \_\_\_\_\_ 7. Apply pour grade products.
- \_\_\_\_\_ 8. Smooth applied products:
- Hand smoothing (soap and water, solvent)
  - Cloth smoothing (soap and water, solvent)
  - Tool smoothing (soap and water, solvent)
  - Mechanical smoothing (knifing-trimming excess)
- \_\_\_\_\_ 9. Demonstrate cleanup procedures for gun grade, knife grade, and pour grade products.
- \_\_\_\_\_ 10. Estimate curing and drying times based on various ambient conditions.
- \_\_\_\_\_ 11. Perform the hand pull test to determine adhesion.

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## 17. Introduction to Paints and Coatings- 07108

*Module Test Score* \_\_\_\_\_

*Module Rating (4, 3, 2)*

- \_\_\_\_\_ 1. Use manufacturer's product labeling to identify the specific ingredients used in different paint products:
- Pigments
  - Resins
  - Solvents
- \_\_\_\_\_ 2. Use manufacturer's coating system data, product literature, and product label information to identify coating(s) recommended for use with various substrates and exposure conditions. Also, use the literature to identify the method surface preparation specified by the manufacturer for use with each type of coating.

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- \_\_\_\_\_ 3. Demonstrate an understanding of the function(s) performed by the various classes of paints (primers, topcoats, etc.) described in the manufacturer's coating system literature.
- \_\_\_\_\_ 4. Demonstrate an understanding of when to select and use water-based and oil-based paints.
- \_\_\_\_\_ 5. Demonstrate and/or explain the general methods used for the cleanup and disposal of water-based and oil-based paints.

## 18. Brushing and Rolling Paints and Coatings- 07109

Module Test Score \_\_\_\_\_

Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Apply paint to selected surfaces using a brush.
- \_\_\_\_\_ 2. Properly clean and store paint brushes, including the proper disposal of waste paint, solvents, and/or waste water.
- \_\_\_\_\_ 3. Apply paint to selected surfaces using a roller.
- \_\_\_\_\_ 4. Properly clean and store paint rollers and roller covers, including proper disposal of waste paint, solvents, and/or waste water.
- \_\_\_\_\_ 5. Properly mix paint.
- \_\_\_\_\_ 6. Properly mixing tools and paint containers, including proper disposal of waste paint, solvents, and/or waste water.
- \_\_\_\_\_ 7. Demonstrate and/or describe how to properly coat interior and exterior surfaces.
- \_\_\_\_\_ 8. Demonstrate and/or describe how to paint and/or stain selected doors, windows, and cabinets.

\_\_\_\_\_ Number of Skills Completed ÷

66 Number of Skills on SPR =

\_\_\_\_\_ % of Skills Completed

### OPTIONAL

#### 20. Drywall Finishing and Patching -70206

Module Test Score \_\_\_\_\_

Module Rating (4, 3, 2, 1)

- \_\_\_\_\_ 1. State the difference in the six levels of finish established by industry standards and be able to distinguish a finish level by observation.
- \_\_\_\_\_ 2. Finish a joint to one of the six levels as identified by the instructor.
- \_\_\_\_\_ 3. Identify an Application in which each of the following compounds would be used:

- Taping compound
- Topping compound
- Premix compound
- Quickset compound

- \_\_\_\_\_ 4. Properly prepare each type of compound use.
- \_\_\_\_\_ 5. Select the appropriate hand tools and perform the following tasks:
  - Joint taping and finishing
  - Fastener spotting
  - Corner finishing
  - Sanding
- \_\_\_\_\_ 6. Select appropriate automatic tools and perform the following finishing tasks:
  - Joint taping and finishing
  - Fastener spotting
  - Corner finishing
  - Sanding
- \_\_\_\_\_ 7. Recognize selected finish failures and state the appropriate action for each:
  - Joint problems
  - Compound problems
  - Fastener problems
  - Wallboard problems
- \_\_\_\_\_ 8. Patch and finish damaged drywall

#### 21. Stains - 07207

Module Test Score \_\_\_\_\_

Module Rating (4, 3, 2, 1)

- \_\_\_\_\_ 1. Distinguish stains from other coatings on several surfaces.
- \_\_\_\_\_ 2. Distinguish between pigmented and dye stains on stained wood samples.
- \_\_\_\_\_ 3. Identify the advantages of using waterborne stains.
- \_\_\_\_\_ 4. Identify the disadvantages of using waterborne stains.
- \_\_\_\_\_ 5. Select an appropriate stain using product data sheets for various job applications:
  - Exterior wood siding
  - Wooden decks
  - Interior wood furniture(transparent coverage)
  - Interior wood furniture(opaque coverage)
  - Interior wood floors
  - Interior wood trim
- \_\_\_\_\_ 6. Describe the application considerations unique to stains.
- \_\_\_\_\_ 7. Apply transparent and solid color stain to a wood surface.

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## 22. Clear Finishes - 07208

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Identify and describe the types of clear finishes, including:
  - Shellacs
  - Lacquers
  - Urethanes
  - Acrylics
  - Epoxies
- \_\_\_\_\_ 2. Distinguish the compatibility of a clear finish with the substrate, environment, and coating system in use.
- \_\_\_\_\_ 3. Select an appropriate clear finish using packaging, technical data sheets and job information.
- \_\_\_\_\_ 4. Correctly apply clear finishes, observing proper safety precautions:
  - Brush application
  - Roller application
  - Spray application

## 23. Wood Finishing - 07209

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Recognize hardwoods and softwoods.
- \_\_\_\_\_ 2. Recognize open-grained and closed-grain woods.
- \_\_\_\_\_ 3. Use a moisture meter to measure the moisture content of selected wood surfaces.
- \_\_\_\_\_ 4. Demonstrate proper hand and power tool sanding techniques and cleaning of selected wood substrates.
- \_\_\_\_\_ 5. Use bleach to lighten selected wood substrates.
- \_\_\_\_\_ 6. Apply fillers to selected open-grain substrates.
- \_\_\_\_\_ 7. Apply a sealer to selected wood substrates.
- \_\_\_\_\_ 8. Apply stains to selected interior/exterior substrates.
- \_\_\_\_\_ 9. Apply clear finishes to selected wood substrates:
  - Varnish
  - Lacquer
  - Shellac
  - Polyurethane

## 24. Spray Painting (Conventional, Airless, and HVLP) - 07211

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Demonstrate the following skills for conventional spraying:
  - Recognize and choose the correct spray system components needed to spray different paints/coatings and substrates.
  - Properly protect the adjacent surfaces prior to spraying.

- Spray paint/coating on selected substrates.
  - Clean and/or maintain the spray equipment per the manufacturer's instructions.
  - Use correct personal safety equipment.
  - Follow all environmental regulations and laws pertaining to the handling and disposal of waste paints, solvents, etc.
- \_\_\_\_\_ 2. Demonstrate the following skills for airless spraying:
    - Recognize and choose the correct spray system components needed to spray different paints/coatings and substrates.
    - Properly protect the adjacent surfaces prior to spraying.
    - Spray paint/coating on selected substrates.

## 25. Decorative (faux) Finishes - 07305

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Prepare oil-based and water-based glazes.
- \_\_\_\_\_ 2. Apply glaze coats to properly prepared surfaces using the following methods:
  - Sponging
  - Rag rolling
  - Cheeseclothing
- \_\_\_\_\_ 3. Apply a marbled finish to a properly prepared surface.
- \_\_\_\_\_ 4. Apply antiqued finishes to a properly prepared surface using the following methods:
  - Rubbing with steel wool
  - Spattering
- \_\_\_\_\_ 5. Apply a grained finish to a properly prepared surface.
- \_\_\_\_\_ 6. Describe the methods used to produce a gilded finish.

## 26. Graphics - 07306

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Describe and/or demonstrate how to transfer graphic designs to a surface from:
  - Architectural plans
  - Grid square plans
  - Templates
  - Pounce patterns
  - Projection
- \_\_\_\_\_ 2. Describe and/or demonstrate how to make and use a stencil to produce a graphic.
- \_\_\_\_\_ 3. Describe and/or demonstrate the different methods for producing lines and stripes.

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## 27. Texturing - 07308

Module Test Score \_\_\_\_\_

### Module Rating (4, 3, 2)

- \_\_\_\_\_ 1. Recognize and describe the uses of selected common texture materials and aggregates.
  - \_\_\_\_\_ 2. Recognize and describe the uses for various selected texture equipment.
  - \_\_\_\_\_ 3. Describe safety and general applications guidelines that must be observed when applying and finishing texture materials.
  - \_\_\_\_\_ 4. Recognize, describe, and demonstrate selected typical texture patterns, how the material is applied, and how the finish is achieved.
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### Conference

Date: \_\_\_\_\_ Hours in class: \_\_\_\_\_

Comments:

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Teacher initial: \_\_\_\_\_ Student initial: \_\_\_\_\_

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