

ATDW-2340: TEXTURING

Cuyahoga Community College

Viewing: ATDW-2340 : Texturing**Board of Trustees:**

March 2020

Academic Term:

Fall 2020

Subject Code

ATDW - Appld Ind Tech-Drywall Finish.

Course Number:

2340

Title:

Texturing

Catalog Description:

Introduction to history, and processes of texturing drywall and plaster surfaces including protecting adjacent surfaces and furnishings, preparing surfaces to be textured, correcting defects in the surface, selecting the proper tools, equipment, and materials to be used on newly textured surfaces and matching/blending texture over repairs and corrections.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites**Prerequisite and Corequisite**

Departmental approval: Admission to apprenticeship program.

Outcomes**Course Outcome(s):**

Select appropriate texture and identify the process, tools, equipment and materials needed to meet job specifications.

Objective(s):

1. Differentiate between types of textures, and application methods.
2. Explain the history of textures and different purposes.
3. Discuss the advantages and disadvantages of texture vs. smooth surface.
4. Identify various types of drywall tools, equipment, and materials including compounds needed to achieve certain textures.

Course Outcome(s):

Discuss preplanning, preparatory measures, and execution of the desired texture.

Objective(s):

1. Identify a strategy to efficiently complete the project.
2. Identify what surfaces and furnishing need to be moved or protected from the texturing process.
3. Demonstrate the selection and setup of the tools, equipment and materials needed for the project.
4. Demonstrate the ability to apply various textures using different tools, equipment, and materials.
5. Demonstrate the ability to add special details to a textured surface.

Course Outcome(s):

Discuss the process of matching and blending texture over a repaired spot on an existing textured surface.

Objective(s):

1. Identify the existing texture and the tools, equipment, and materials needed to achieve the closest match possible.
 2. Demonstrate the ability to blend the edges of the patch so that it does not show through the texture.
 3. Discuss factors that affect the way the texture patch matches the existing texture.
 4. Demonstrate the application and fine tuning of the texture over the patch.
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Methods of Evaluation:

1. Quizzes
2. Exams
3. Classroom participation
4. Demonstration of assigned projects

Course Content Outline:

1. Texturing processes, tools, and materials
 - a. Textures
 - i. Types
 1. Hard texture
 - a. Roll and stipple
 - b. Texture roller
 - c. Skip trowel
 - d. Knock down
 2. Soft texture
 - a. Orange peel
 - b. Popcorn
 - c. Thick acoustic spray
 3. Self-priming
 - a. First coat
 - b. Tough hide
 4. Specialty details
 - a. Sunbursts
 - b. Swirls
 - c. Stencils
 - d. Borders
 - ii. Processes
 1. Hand application
 2. Spray application
 - b. History
 - i. Types
 1. Masonry textures
 2. Plaster textures
 - ii. Purposes
 1. Decorative
 2. Acoustic
 3. Hide imperfections
 - c. Advantages
 - i. Hides minor surface imperfections
 - ii. Sophisticated appearance
 - iii. Sound deadening properties
 - iv. Eliminates some sanding and touch ups
 - d. Disadvantages
 - i. Collects dust and debris
 - ii. Difficult to paint
 - iii. Difficult to patch and match
 - iv. Difficult to change
 - e. Tools
 - i. Paint roller
 - ii. Extension pole
 - iii. Drywall pan

- iv. Drywall knives
- v. Stippling brushes
- vi. Texture rollers
- vii. Knock down tool
- f. Equipment
 - i. Airless sprayer
 - ii. Gravity fed Hopper sprayer
- g. Materials
 - i. Topping compound
 - ii. All-purpose compound
 - iii. Lightweight compound
 - iv. Powder texture mix
 - 1. Orange peel
 - 2. Popcorn
- 2. Preplanning and Execution
 - a. Work pattern across the surface
 - i. Left to right or right to left
 - ii. Front to back or back to front
 - iii. Top to bottom or bottom to top
 - iv. Snake pattern back and forth across the surface
- 1. Protecting surfaces and furnishings
 - a. Surfaces
 - i. Walls
 - ii. Ceilings
 - iii. Floors
 - b. Furnishings
 - i. Couches
 - ii. Chairs
 - iii. Tables
 - iv. Lamps
 - v. Plants
 - c. Protection Types
 - i. Removal from area
 - ii. Masking
 - 1. Tapes
 - 2. Paper
 - 3. Sprays
 - iii. Covering
 - 1. Plastic
 - 2. Paper
 - 3. Drop cloths
- 2. Setup
 - a. Tools
 - i. Select proper tools for desired finish
 - ii. Clean tools
 - iii. Sand smooth edges
 - iv. Wet paint rollers, texture rollers, and texture brushes
 - v. Prime paint rollers and texture brushes with compound
 - b. Equipment
 - i. Select proper equipment for desired finish
 - ii. Airless sprayer
 - 1. Flush with clean water
 - 2. Check size and condition of spray tip
 - 3. Oil piston
 - 4. Inspect hoses for defects
 - 5. Run prethinned compound thru sprayer and adjust pressure settings.
 - c. Materials
 - i. Select proper materials for desired finish
 - ii. Open desired number of containers

- iii. Dump into buckets if materials came in bags or boxes
 - iv. Add water and mix to desired consistency
 - v. Clean top rim of buckets and replace lids for later use
1. Matching and blending texture
- a. Existing Texture Identification
 - i. Identify process
 - ii. Identify tools and equipment needed
 - iii. Identify materials needed
 - b. Blend the patch
 - i. Sand patch smooth
 - ii. Blend edges of patch with sanding sponge, wet sponge or rag
 - c. Apply texture
 - i. Test on scrap piece of drywall
 - ii. Adjust consistence of compound
 - iii. Adjust thickness of application
 - iv. Adjust pattern application technique
 - v. Apply texture to patch
 - vi. Blend edges of texture patch with paint brush
 - vii. After dry smooth transitions and rough spots with a sanding sponge
 - viii. If blending is not achievable, skim surface completely and retexture

Resources

Finishing Trades Institute. "Texturing" 1st. Finishing Trades Institute 7230 Parkway Drive Hanover, MD 21076, 1998.

CGC Inc. *Gypsum Construction Handbook*. Centennial . CGC Inc. 350 Burnhamthorpe road west 5th floor Mississauga, Ontario L5B 3J1, 2005.

Finishing Trades Institute. *Protecting Adjacent Surfaces*. 1st. 7230 Parkway Drive Hanover, MD 21076: Finishing Trades Institute , 1998.

Resources Other

Additional resources (websites)

Finishing Trades Institute Learning Management System (fti.personalearning.com)

USG.com

Hydetools.com

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