

ATFL-1650: SHEET GOODS - FLASH COVING

Cuyahoga Community College

Viewing: ATFL-1650 : Sheet Goods - Flash Coving

Board of Trustees:

2006-11-20

Academic Term:

Spring 2019

Subject Code

ATFL - Appld Indus Tech - Floorlaying

Course Number:

1650

Title:

Sheet Goods - Flash Coving

Catalog Description:

Products and components used in flash cove and sanitary floor installation. Topics include techniques of installation, blueprint reading and use of applicable tools.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

ATFL-1450 Floorlaying Concepts or concurrent enrollment, and ATFL-1640 Sheet Goods Concepts or concurrent enrollment; or departmental approval: admission to any Applied Industrial Technology program.

Outcomes

Course Outcome(s):

Layout, cut, and install flash cove and sanitary floor products, properly matching patterns and seams, in accordance with jobsite specifications and established safety procedures.

Objective(s):

1. Identify products and tools used in flash cove and sanitary floor installation.
2. Implement safe use of hand and power tools in the installation process.
3. Demonstrate techniques for laying out flash cove and sanitary floor products.
4. Demonstrate techniques for cutting flash cove and sanitary floor products.
5. Demonstrate techniques for installing flash cove and sanitary floor products.
6. Differentiate between various flash cove and sanitary floor products.
7. Explain methods to use/procedures to follow to ensure proper pattern and seam matching.

Course Outcome(s):

Interpret blue prints to determine job site specifications and estimate materials needed.

Objective(s):

1. Perform measurement conversions.
2. Recognize symbols and scale references on blueprints.
3. Apply math concepts to estimate materials and calculate sheet lengths.

Course Outcome(s):

Select appropriate materials and prepare floor for flash cove and sanitary floor products in accordance with jobsite specifications and established safety procedures.

Objective(s):

1. Identify adhesives used in flash cove and sanitary floor products.
 2. Demonstrate how to prepare floor for installation of flash cove and sanitary floor products.
 3. Explain safety procedures.
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Methods of Evaluation:

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

Course Content Outline:

1. Concepts
 - a. Sheet goods and related manufacturing process.
 - b. Math concepts for estimating material requirements.
 - c. Blueprint reading.
 - d. Cutting and trimming tools used in sheet goods installations.
 - e. Moisture testing.
 - f. Subflooring requirements.
 - g. Seam preparation techniques
 - h. Pattern matching
 - i. Installation techniques
 - j. Underscribing techniques
 - k. Seam welding techniques
 - l. Adhesive selection techniques
 - m. Safety procedures
2. Skills
 - a. Reading blueprints for room location, color and seam layout.
 - b. Estimating material requirements-square yardage.
 - c. Calculating length of sheets to be installed.
 - d. Preparing subfloor including patching and levelling.
 - e. Installing transition strips.
 - f. Cutting materials.
 - g. Matching pattern and preparing seams.
 - h. Installing sheet goods including making templates, techniques for modified V plugs, hand fitting technique welded boot and inside corner, hand fitting technique for V plug and rolled inside corner, heat welding, installing flash cove trim.
 - i. Using hand groover, power groover, and heat welder for installing sheet goods.
 - j. Underscribing or welding seams if applicable.

Resources

United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. *Floorlaying Standard Skill*. Las Vegas: United Brotherhood of Carpenters Apprenticeship and Training Fund of North America, 2003.

United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. *Floorlaying Resilient Skills I*. Las Vegas: United Brotherhood of Carpenters Apprenticeship and Training Fund of North America, 2003.

United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. *Floorlaying Resilient Skills II*. Las Vegas: United Brotherhood of Carpenters Apprenticeship and Training Fund of North America, 2003.

Armstrong Flooring. *Guaranteed Installation Systems 2004/2005*. Cleveland: AWI Licensing Company, 2004.

Forbo Linoleum Inc. *Installation Manual*. {ts '2004-03-01 00:00:00'}.

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