

ATFL-2400: SHEET GOODS-SPECIALTY PRODUCTS

Cuyahoga Community College

Viewing: ATFL-2400 : Sheet Goods-Specialty Products

Board of Trustees:

2006-11-20

Academic Term:

Spring 2019

Subject Code

ATFL - Appld Indus Tech - Floorlaying

Course Number:

2400

Title:

Sheet Goods-Specialty Products

Catalog Description:

Study of specialty flooring systems, requiring antibacterial protection and wet areas needing moisture close tolerance installation. Course also includes presentations, one-piece flash coving demonstrations, heat welded seams demonstrations, and cutting and fitting special components such as cove steps and cap metals.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

ATFL-1640 Sheet Goods Concepts, or concurrent enrollment, and ATFL-1650 Sheet Goods - Flash Coving, or concurrent enrollment and departmental approval.

Outcomes

Course Outcome(s):

Read prints to determine jobsite specifications, identify and select necessary products and components for specialty flooring systems.

Objective(s):

1. Recognize blue print symbols.
2. Interpret scale references.
3. Apply related math concepts and blueprint reading techniques.
4. Identify the various products and components used in flash cove and sanitary floor installations.

Course Outcome(s):

Prepare, layout, and install specialty flooring systems requiring anti-bacterial protection and wet areas needing moisture close tolerance installation.

Objective(s):

1. Demonstrate proper use of hand and power tools for safe installations.
 2. Demonstrate proper installation techniques of flooring systems requiring anti-bacterial protection.
 3. Demonstrate proper installation techniques for floors in wet areas needing moisture close tolerance installation.
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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 techniques
 - d. Cutting and trimming tools used in sheet goods installations
 - e. Moisture testing techniques
 - f. Subfloor requirements
 - g. Seaming requirements
Definition of flash cove
 - h. Floor preparation products
 - i. Specialty flooring systems requirements
 - j. Requirements for floors needing moisture close tolerance
 - k. Specialty flooring system installation techniques
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.
 - e. Installing transition strips.
 - f. Cutting materials.
 - g. Matching pattern and prepare seams.
 - h. Installing sheet goods.
 - i. 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'}.
