ATFL-1730: UNITARY BACK AND ENHANCER BACK CARPETING

Cuyahoga Community College

Viewing: ATFL-1730 : Unitary Back and Enhancer Back Carpeting

Board of Trustees:
2006-11-20

Academic Term:
Spring 2019

Subject Code
ATFL - Appld Indus Tech - Floorlaying

Course Number:
1730

Title:
Unitary Back and Enhancer Back Carpeting

Catalog Description:
Carpeting and manufacturing processes as related to Unitary Back and Enhancer Back product types. Topics include materials, hand and power tools, job preparation, layout and installation procedures, and interpretation of construction drawings.

Credit Hour(s):
2

Lecture Hour(s):
2

Requisites

Prerequisite and Corequisite
ATFL-1450 Floorlaying Concepts or concurrent enrollment, or ATFL-1710 Velcro and Modular Carpeting or concurrent enrollment; or departmental approval: admission to Applied Industrial Technology program.

Outcomes
Course Outcome(s):
Interpret construction drawings to determine jobsite specifications, and estimate materials needed.

Objective(s):

1. Apply math concepts for estimating material requirements.
2. Recognize symbols, scale, and special references relating to installation of unitary and enhancer backed carpets.

Course Outcome(s):
Prepare, install, and finish unitary and enhancer back carpets in accordance with jobsite specifications and established safety guidelines.

Objective(s):

1. Select appropriate tools for preparation, installation, and finishing of unitary and enhancer backed carpets.
2. Demonstrate safe use of hand and power tools and handling of materials in the installation of unitary back and enhancer back types.
3. Demonstrate correct application of appropriate underlayment for different layouts.
4. Demonstrate appropriate installation methods for unitary back and enhancer back carpet types.
5. Differentiate between different types of layouts.

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

Course Content Outline:
1. Concepts
   a. Carpeting and related manufacturing processes
   b. Math concepts for estimating material requirements
   c. Blueprint reading techniques
   d. Cutting and trimming tools used in carpet installations
   e. Moisture testing techniques
   f. Sub floor requirements
   g. Layout procedures
   h. Tool selection
   i. Uses/Applications for various underlayments
   j. Types of layouts
   k. Installation methods
   l. Preparation methods
   m. Material handling guidelines
2. Skills
   a. Reading blueprints for room location, color and seam layout.
   b. Estimating material requirements- square yardage.
   c. Calculating perimeter, area, square yardage, conversions.
   d. Performing moisture testing.
   e. Preparing sub floor.
   f. Installing transition strips.
   g. Cutting materials.
   h. Matching patterns and prepare seams.
   i. Installing and trim in unitary and enhancer back carpet.
   j. Installing unitary and enhancer back carpet.
   k. Binding and installing carpet base.
3. Issues
   a. Safety

Resources

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

Carpet and Rug Institute. *Standard for Installation of Commercial Textile.* {ts '1994-12-01 00:00:00'}.

Carpet and Rug Institute. *Standard Reference Guide for Installation of Residential Textile Floorcovering Materials.* {ts '1990-12-01 00:00:00'}.

Top of page
Key: 338