

ATFL-2430: WOVEN AND AXMINSTER CARPETING

Cuyahoga Community College

Viewing: ATFL-2430 : Woven and Axminster Carpeting

Board of Trustees:

May 2025

Academic Term:

Fall 2025

Subject Code

ATFL - Appld Indus Tech - Floorlaying

Course Number:

2430

Title:

Woven and Axminster Carpeting

Catalog Description:

Carpeting and manufacturing process as related to woven and axminster product types. Includes 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 departmental approval.

Outcomes

Course Outcome(s):

Interpret construction drawings to determine jobsite specifications and material requirements.

Objective(s):

1. Apply math concepts for estimating material requirements.
2. Recognize blueprint symbols and scale references.

Course Outcome(s):

Select appropriate materials, prepare floor, layout, and install woven and axminster carpets.

Objective(s):

1. Discuss carpeting and manufacturing processes as related to woven and axminster types.
 2. Identify and select appropriate carpeting tools used for installation, preparation and finishing of woven and axminster carpets.
 3. Demonstrate safe use of power tools in the installation of woven and axminster carpets.
 4. Identify, select, and demonstrate correct application of appropriate underlayment for different layouts.
 5. Demonstrate appropriate installation methods for woven and axminster carpets.
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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. Carpeting and related manufacturing processes.
 - b. Job preparation tools
 - c. Cutting and trimming tools
 - d. Math concepts for estimating material requirements.
 - e. Blueprint reading techniques
 - f. Cutting and trimming tools used in carpet installations.
 - g. Moisture testing techniques
 - h. Sub floor requirements.
 - i. Pattern matching techniques
 - j. Layout techniques
 - k. Materials estimation techniques
 - l. Installation techniques
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. Preparing subfloor.
 - e. Installing transition strips.
 - f. Cutting materials.
 - g. Matching patterns and preparing seams.
 - h. Installing and trimming in woven and axminster carpet.
 - i. Installing woven and axminster carpet on stairs.
 - j. Binding and installing carpet base.
 - k. Techniques for precutting of woven and axminster carpets.

Resources

Carpenters International Training Fund. *Standard Skills for Floor Coverers: Part 1*. Carpenters International Training Fund, Las Vegas, NV, 2012.

Carpenters International Training Fund. *Standard Skills for Floor Coverers: Part 2*. Carpenters International Training Fund, Las Vegas, NV, 2012.

Carpenters International Training Fund. *Carpet 1*. Carpenters International Training Fund, Las Vegas, NV, 2010.

Carpenters International Training Fund. *Carpet 2*. Carpenters International Training Fund, Las Vegas, NV, 2013.

Standard for Installation of Commercial Carpet: CRI 104. The Carpet and Rug Institute, 2019.

Resources Other

[Carpenter's International Training Fund. https://www.carpenters.org/citf-training/](https://www.carpenters.org/citf-training/) . 2024.