

# ATFL-2430: WOVEN AND AXMINSTER CARPETING

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## Cuyahoga Community College

**Viewing: ATFL-2430 : Woven and Axminster Carpeting**

**Board of Trustees:**

2006-11-20

**Academic Term:**

Spring 2019

**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.

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**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**

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.

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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.

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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.

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Carpet and Rug Institute. *Standard for Installation of Commercial Textile Floorcovering Materials*. Dalton: Carpet and Rug Institute, 1994.

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Carpet and Rug Institute. *Standard Reference Guide for Installation of Residential Textile Floorcovering Materials*. Dalton: Carpet and Rug Institute, 1990.

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