

# ATFL-1300: RESIDENTIAL INSTALLATION

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## Cuyahoga Community College

### Viewing: ATFL-1300 : Residential Installation

**Board of Trustees:**

2012-11-29

**Academic Term:**

Spring 2019

**Subject Code**

ATFL - Appld Indus Tech - Floorlaying

**Course Number:**

1300

**Title:**

Residential Installation

**Catalog Description:**

Introduction to residential flooring products and installation procedures. Includes residential carpet and vinyl product knowledge, and custom installation (borders, insets, patterns, and upholstered stairs). Also includes customer relations, etiquette, and communication skills related to residential work.

**Credit Hour(s):**

2

**Lecture Hour(s):**

2

## Requisites

**Prerequisite and Corequisite**

Departmental approval: admission to any Applied Industrial Technology program.

**Methods of Evaluation:**

1. Exams
2. Quizzes
3. Shop Exams
4. Projects

**Course Content Outline:**

1. Area Evaluation
  - a. Entrance to be used
  - b. Furniture
  - c. Appliances and hook ups
  - d. Environmental issues
2. Jobsite check procedures
  - a. Materials and sundry products
  - b. Layout and seaming diagrams
  - c. Children and pets
  - d. Disposal of waste
3. Etiquette
  - a. Communication
  - b. Language
  - c. Dress
  - d. Problem solving
4. Estimating

- a. Area
- b. Dimensions
- c. Square footage
- d. Square yardage
- e. Lineal footage
5. Layout procedures carpet
  - a. Pile direction
  - b. Seam placement
  - c. Pattern alignment
6. Layout procedures vinyl
  - a. Seam placement
  - b. Pattern alignment
7. Custom layout carpet and vinyl
  - a. Borders
  - b. Insets
8. Installation carpet
  - a. Cushion installation
  - b. Seaming techniques
  - c. Stretching procedures
  - d. Borders, insets, patterns
  - e. Upholstered stairs
9. Installation vinyl
  - a. Pattern scribing
  - b. Hand fitting
  - c. Adhesives
  - d. Seaming techniques
  - e. Borders, insets, patterns
  - f. Stair transitions
10. Material handling
  - a. Furniture moving
  - b. Appliance moving and hook ups
  - c. Waste disposal

## Resources

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.

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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.

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

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

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**Resources Other**

1. Carpet and Rug Institute. *CRI Carpet Installation Standard*. 2011. [http://www.carpet-rug.org/pdf\\_word\\_docs/CRI\\_Carpet\\_Installation\\_Standard\\_2011.pdf](http://www.carpet-rug.org/pdf_word_docs/CRI_Carpet_Installation_Standard_2011.pdf) (current Manufacturer Specifications).
2. Carpet and Rug Institute, Resources, 2011. <http://www.carpet-rug.org/carpet-and-rug-industry/installation-resources.cfm>
3. Forbo Linoleum Inc. Installation Guide. <http://www.forboflooringna.com/Residential-Flooring/Installation-maintenance/installing-sheet-tile/> (Current Manufacturer Specifications).

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