Course Information Form (CIF)

Course Code: CCA 119
Course Title: Exterior Trim

Department: Applied Sciences and Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 46.0201
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 1-3-2
Credit Hour Distribution:

Lecture: 1	Lab: 3	Clinical: 0	**Total: 2**

General Course Information

Catalog Description

Basic theory, layout, and installation of aluminum soffit and siding, wood and shingle roof applications, and windows and their components.

General Course Objectives

Students will be able to discuss the theory of and safely install siding, roofing, and windows.

Minimum Placement Levels

English	Reading	Math
Placement out of ENG 098	Placement out of CCS 098	Placement into MAT 060

Prerequisites

Credit in CCA 116 and CCA 117

Methods of Evaluation

The minimum methods of evaluation include: 4 written exams, quizzes, lab exercises, and final written and practical exams.

Instructional Materials and Additional Supplies

Carpentry, Units 55, 56, and 57. Koel, Leonard (2009). Homewood, Illinois: American Technical Publishers.

Course Content

General Learning Outcomes (GLOs)

- Technology: Students will demonstrate the ability to evaluate, select, and appropriately use current and emerging tools.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Soffit and Siding	1. Determine the amount of siding needed for a given job. 2. List the materials used in the manufacture of wood, vinyl, and aluminum siding. 3. List the types and sizes of nails recommended for exterior trim application. 4. Describe the nailing procedure for siding applications. 5. Demonstrate the installation of various types of sidings according to the manufacturer's recommendation. 6. Demonstrate installation of soffit and fascia.	4	15	0
Roofing	1. Compare and contrast different types of roof coverings. 2. List the correct application for each type of roofing material. 3. Sketch/illustrate the proper nailing and alignment of all types of shingles. 4. Explain the advantages and disadvantages of types of flashing and counter flashing. 5. Calculate the quantity of shingles needed for a given job. 6. Define a 3-ply or 5-ply roof covering. 7. Explain the differences, including advantages and disadvantages, between rolled, built-up, and metal roofing.	4	15	0
Windows	1. Name types of sliding, swinging, and fixed windows. 2. Identify the parts of window installation. 3. Select from a list materials used to construct windows. 4. State recommendations for a good window installation. 5. Demonstrate the ability to install a double hung window unit. 6. Demonstrate proper attitudes for health and safety. 7. Use appropriate exterior trim terminology in verbal and written communications.	5	15	0
Exams	1. Successfully complete all required exams.	2	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	45	0