**Lesson Information**

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| Lesson: (4 of 4) Exterior Finishing Length: 90 minutes  Unit: (3 of 4) Weatherproofing  Course: Carpentry |

**Content Assumptions**

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| Prior to this class, students have taken a communications course. |

**Essential Questions**

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| 1. How are different exterior finishing materials used in different situations? |

**Objectives Assessments**

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| After completing this lesson, students will be able to:   1. Distinguish among different types of exterior finishing materials. 2. Select the most appropriate finishing material for given conditions and justify the selection. | 1. Class discussion — Instructor observation 2. Written rationale for finishing selection — rubric |

**Activities/Instruction**

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| **Show and Tell** (45 minutes)  Instructor shows examples of various types of siding and exterior finishing materials (samples and/or photos), naming and describing each material and its estimating and installation methods. Instructor may check for understanding throughout the demonstration, starting a class discussion over these materials.  **Plan it Out** (45 minutes)  Students choose two different types of exterior finishing materials and evaluate in writing which is better for a simple residence constructed in their location. The evaluations should include considerations for the material’s cost (time and materials), efficiency and durability in the climate where it will be used, and ease of installation. Students may use classroom/library resources and Internet resources (such as those listed in the Materials section) to complete their research. |

**Materials**

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| For students:   * http://www.mortarsprayer.com/stucco/ (Overview of stucco) * http://homerepair.about.com/od/exteriorhomerepair/ss/siding\_types\_3.htm (Overview of aluminum siding) * http://www.calfinder.com/library/siding/types-of-siding/clapboard-siding (Overview of clapboard siding) * http://www.certainteed.com/products/vinyl-siding# (Manufacturer of vinyl siding)   For Instructor:   * Examples of exterior finishing materials (photos and samples) * [FINISHING MATERIALS RATIONALE RUBRIC] |