

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. CRPT

COURSE NUMBER: 1175

NUMBER OF CREDITS: 5

Lecture: 1 Lab: 4 OJT 0

### Course Title:

Construction Finishing Techniques

### Catalog Description:

Construction Finishing Techniques examines finishing of the exterior of a building which includes the door and window units and all the materials that cover the roof and exterior. They must also give weathertight protection to the roof and exterior walls.

### Prerequisites or Necessary Entry Skills/Knowledge:

None

### FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

### Topics to be Covered (General)

Exterior air and moisture barriers and their function.

Types of siding and proper application methods.

Types of roofing materials and proper application methods.

Styles of windows and doors, materials and proper application methods.

Types of roof cornices and installation.

### Student Learning Outcomes

List exterior air and moisture barriers commonly available and their function.

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| Demonstrate proper application of exterior air and moisture barriers.        |
| Describe common siding products and their proper application.                |
| Demonstrate proper application of siding products.                           |
| Define roofing terms.  |
| Demonstrate how to prepare a roof deck and properly apply roofing materials. |
| Select appropriate roofing materials for various slopes and conditions.      |
| Identify window styles and discuss proper installation methods.              |
| Identify exterior door styles and discuss proper installation methods.       |
| Demonstrate proper methods of installing windows and exterior doors.         |
| Identify roof cornice materials.   |
| Demonstrate proper methods of finishing roof cornices.                       |

**Is this course part of a transfer pathway: Yes  No**

Revised Date: 4/29/2024