

# CAR 121 - EXTERIOR CONSTRUCTION

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## Course Description

Through structured classroom and hands-on skill building, the student will learn about various roofing materials and applications, window and door installation, siding, cornice design and installation, gutters, downspouts, decks and fences. Group 2 course. Placement into ENG 11/111 or higher, or co-enrollment in the recommended English course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Recommended Prerequisites or Skills Competencies

Placement into MTH 100 or higher, or co-enrollment in the recommended developmental math course

## Course Learning Outcomes

### Knowledge:

- Explain advanced building design and materials.
- Identify window and door material.
- Describe deck material and design.
- Identify gutter/downspout material.

### Application:

- Research materials used in modern construction.
- Design deck layouts.
- Complete a roofing and siding project.

### Integration:

- Recognize the Impact of improper materials for specific buildings.
- Distinguish differences in trim techniques, decks and fence design.

### Human Dimension:

- Judge if working construction outdoors suits them.
- Analyze the variety of demands and expectations of society.

### Caring - Civic Learning:

- Appreciate how careful planning of building structures can save time, money, and reduce waste.

### Learning How to Learn:

- Continue quality work practices learned in class in real-life situations.