



# Reavis High School

## Curriculum Snapshot/Cover Page for Carpentry



### Unit 1: Construction Materials

15  
Days

The students will be introduced to the various construction materials used in the carpentry trade. The industry standards used for frame construction will be covered in this unit.



### Unit 2: General Safety

15  
Days

In this unit students will learn how to reduce or eliminate hazardous conditions around construction sites. Use of personal protective equipment will be taught. With knowledge in general safety students will be able to avoid injury.



### Unit 3: Tool Safety

15  
Days

In this unit students will learn the safety procedures necessary to operate the miter saw, radial arm saw, table saw and hand tools. An emphasis will be conveyed on the proper maintenance of carpentry equipment.



## Unit 4: Footings and Foundations

25  
Days

Students will learn about forms for footings and concrete work. Plot layout and excavation is also covered in this unit.



## Unit 5: House Framing

35  
Days

In this unit students will construct floor and wall frames based on industry standards. Hands on projects are built using a team approach.



## Unit 6: Roof Construction

20  
Days

Students will learn the various roof types, then construct a roof frame. Students are assessed on accuracy and quality.



## Unit 7: Codes and Plans

15  
Days

Students will learn to read and understand architectural drawings. The methods of securing building permits is covered during this unit.



## Unit 8: Careers in Carpentry Trade

12  
Days

Occupations related to the carpentry trade are discussed and explored. Compensation, required education, and job experience are discussed.



## Unit 9: Entrepreneurship

4 Days

Students are taught the advantages and disadvantages of self employment. This unit also covers the documents that must be filed by entrepreneurs is taught.