

# Building Construction



## For Students Who Enjoy

- working with their hands
- outdoors
- using tools to create projects
- using hand and power tools

## Possible Careers

Contractor Carpenter Plumber

Electrician Roofer

HVAC Technician Installer

## Student Organization

SkillsUSA is a new student organization at Clover High School. The organization encourages construction students to reach their fullest potential by attending monthly meetings and competing in statewide contests.



## Certifications Earned

NCCER Carpentry  
NCCER Safety  
OSHA 10

Courses Offered at Clover High School

Building Construction 1  
Building Construction 2  
Building Construction 3H  
Building Construction 4H

Building Construction  
Completer with  
certification earned:  
NCCER Carpentry

## Course Descriptions

### **Building Construction 1** - 1 Unit - Grades 9-10

*College Preparatory Prerequisites: Strong in basic math skills*

Building Construction 1 will prepare students to perform entry-level building construction tasks. Students will study safety practices, the proper use and care of hand and power tools, applied math, types of building materials, sketching, blueprint reading and framing, and layout of buildings. Students will receive hands-on experience while working with hand and power tools. [606000CW]

### **Building Construction 2** - 1 Unit - Grades 10 - 11

*College Preparatory Prerequisite: Building Construction 1*

Building Construction 2 continues the skills and tasks learned in Building Construction 1. Students will study safety practices, cutting and figuring angles, blueprint reading and construction practices used in building “GREEN.” Students will receive hands-on experience while working with hand and power tools. [606100CD]

### **Building Construction 3** - 1 Unit - Grades 11-12

*Honors Prerequisite: Building Construction 2, with a grade of 80% or higher or teacher recommendation*

Building Construction 3 continues the use of all safety practices, tool procedures and building tasks from previous courses with an emphasis on advanced building systems. Students will study additional safety practices, build wall structures, floor structures while learning to read and draw advanced blueprints. [606200HW]

### **Building Construction 4** - 1 Unit - Grades 11-12

*Honors Prerequisite: Building Construction 2 with a grade of 80% or higher or teacher recommendation*

Building Construction 4 provides students with additional experience in Building Construction safety, emphasis on advanced building systems, Wiring and Plumbing are covered with advanced hand/power tool use, and advanced design/construction including stairway construction, rafters, trim, shingles, siding, and interior and exterior finishing. Students will learn more about job skills that will help them in any career. [606300HW]