

# Construction Technology I



**Prerequisite:** Principles of Construction

**Course:** 1820CA/CB

**Credits:** 2

**Length:** 36 weeks

**Placement:** 10-12

## Course Description

The next course in sequence for the Construction Endorsement is Construction Technology, where carpentry is the primary focus. Carpenters construct, erect, install and repair structures and fixtures made from wood and other materials. Skill enhancement projects using hand and power tools develop life-long skills to prepare students to enter the industry or continue their education.

## Student Activities

Students will work in small groups on projects that emphasize the skills related to common building materials, hand & power tools, drawings, specs and layout, floor, wall, ceiling & roof systems & framing, building envelope and basic stair layout.

## Certifications



**NATIONAL CENTER FOR  
CONSTRUCTION EDUCATION  
AND RESEARCH**

The NCCER *Carpentry Level 1* Carpenters make up the largest building trades occupation in the industry and those with all-around skills are in high demand.

Carpenters are involved in many different kinds of construction activities, from building highways and bridges to installing kitchen cabinets.

Student Cost: \$10 BBIA: \$10

## Organizations

**SkillsUSA** is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.

SkillsUSA helps each student excel.

Surveying, Plumbing, Carpentry, Electrical, TeamWorks, Masonry

## Additional Considerations

Students need fine motor skills and mobility. Students handle sharp objects and use power tools.

If seeking certification, curriculum cannot be modified.