



<b>Carpentry Career Pathway (CARP)</b>		
<b>Foundational Prerequisite</b>	<b>Prerequisite</b>	<b>Concentrator</b>
<b>IC00 Construction Core</b>	<b>IC21 Carpentry I</b>	<b>IC22 Carpentry II (Honors)</b>

## Construction Core

### Course Description

This course covers the National Center for Construction Education and Research (NCCER) Core Certification which is a pre-requisite for Carpentry 1 & 2. The course content includes Basic Safety, Construction Math, Hand & Power Tools, Construction Drawings, Material Handling, Communication and Employability Skills and "Your Role in the Green Environment." In addition to, completing the industry recognized OSHA 10 is also a class requirement. Much of the class will be spent working in the "shop" building projects such as a wall shelf and an end table.



## Carpentry I

### Course Description

This course covers the NCCER Carpentry Level 1 curriculum that develops the essential industry technical skills required by this trade. Some of the essential standards covered are; building materials, fasteners, hand tools, power tools, reading plans, floor systems, basic stair layout, wall and ceiling framing procedures. English language arts and mathematics are reinforced. The course culminates with participation in the annual N.C State Fair Carpentry Apprenticeship Contest with the Construction/SkillsUSA Club.





## **Carpentry II (Honors)**

### **Course Description**

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This honors course adds on to the skills mastered in Carpentry I and provides an emphasis on roof framing procedures, roofing applications, thermal/moisture protection, window/exterior door installation, exterior finishing and introduces weatherization. English language arts and mathematics are reinforced. This class fulfills CTE's career pathway requirements that qualifies the student to take the ACT's WorkKeys Certification exam as a curriculum completer. The class culminates with participation in the annual S.H.E.D. competition along with the Construction/SkillsUSA Club.

<https://sites.google.com/a/wcpss.net/shed/home>