

The 2020-2021 academic year will require school systems to plan multiple scenarios for how to engage students in CTE coursework. Examples for possible lesson adaptations are provided below. The two scenarios address instances in which traditional, in person learning is not an option. Schools should note that some CTE coursework must employ hands-on laboratory/shop time in order to meet credential requirements. Consulting CTE teachers and [Jump Start Fact Sheets](#) and credentialing agency requirements is highly recommended.

Example 1: Hybrid Learning - Carpentry

Time Allotment	Scenario: All teacher led instruction happens similarly to traditional instruction, but students report in planned shifts. When students are not meeting for in person instruction, they engage in independent learning activities.
20 min	<p><i>Introduction</i></p> <p>Using a video, introduce a set of essential hand tools used by carpenters such as Level, Square, Clamp, Saw (virtual)</p>
45 min	<p><i>Teacher-led, Whole Group Instruction/Modeling</i></p> <ul style="list-style-type: none"> ● Identify the essential hand tools used by carpenters (in-class) ● Demonstrate and practice the safe use and maintenance of essential hand tools used by carpenters (in-class)
20 min	<p><i>Closure</i></p> <ul style="list-style-type: none"> ● Shared discussion on safety concerns while using hand tools specifically saw (virtual)

Example 2: Hybrid Learning with Lab Time - Carpentry

Learning Format	Scenario: All learning takes place virtually and consists of synchronous and asynchronous components.
Asynchronous Learning	<p>On Monday morning, the teacher posts the following in Google Classroom:</p> <ul style="list-style-type: none"> ● 5-minute introductory video: <i>Tools found in a carpentry shop</i> ● Video of the teacher introducing and modeling safe use of the Carpentry-Hand Tools ● Student accesses and reviews the following PowerPoint presentations from the Instructor Resource Center: <ul style="list-style-type: none"> ○ Provide an overview of hand tools. ○ Emphasize general safety precautions when using hand tools. ○ Identify the various hand tools commonly used by carpenters and identify applications for each.
Synchronous Learning	<p>Class Meets from 8:00-8:45 on Google Meets on Tuesday.</p> <ul style="list-style-type: none"> ● The teacher presents the lesson on Carpentry-Hand Tools and interacts with the students in a whole group environment. ● The teacher utilizes chat features to discuss Carpentry-Hand Tools with students. ● The teacher assigns an independent assignment, which will be uploaded by students once complete. ● The teacher assigns homework for students to complete. ● The teacher sets a feedback schedule and reviews office hours.
Lab Day 1	<p>Wednesday: Group 1 of class meets from 8:00-12:00</p> <ul style="list-style-type: none"> ● Students demonstrate the safe and proper use of the following hand tools: level, square, clamp, saw. ● Group 2 of class will continue to complete online learning.
Lab Day 2	<p>Thursday: Group 2 of class meets from 8:00-12:00</p> <ul style="list-style-type: none"> ● Students demonstrate the safe and proper use of the following hand tools: level, square, clamp, saw. ● Group 1 of class will continue to complete online learning.
Office Hours	<p>The teacher holds Office Hours on Friday mornings from 10:00-11:30 AM. Students contact the teacher for assistance with asynchronous learning assignments as needed.</p>