

# 02\_Carpentry

Content Area: **Special Education**  
Course(s):  
Time Period: **Semester**  
Length: **2 Weeks**  
Status: **Published**

## **General Overview, Course Description or Course Philosophy**

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Do-It-Yourself (DIY) Tech is a one semester course at the high school. This class enables students to understand how to address basic household repairs while students safely use and maintain appropriate tools, machinery, equipment, and resources to accomplish project goals.

## **OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS**

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Objective:

- Encourage students to work with their own hands, bringing home the basic skills to build small home projects and make minor household repairs.

Essential Question:

- How can we develop multiple solutions to a problem and evaluate short- and long-term effects to determine the most plausible option?

Enduring Understandings:

- Students can learn from mistakes by finding a solution.
- Skills and technicality take practice to be developed.

## **CONTENT AREA STANDARDS**

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9.4.2.CT.2: Identify possible approaches and resources to execute a plan.

9.4.2.CT.3: Use a variety of types of thinking to solve problems (e.g., inductive, deductive).

## **RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)**

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CAEP.9.2.12.C

Career Preparation

### **STUDENT LEARNING TARGETS**

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#### **Declarative Knowledge**

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Students will understand that:

- There are different types of wood and tools.
- You must use tools correctly and safely.
- Measuring and marking is important.

#### **Procedural Knowledge**

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Students will be able to:

- Practice perseverance and focus.
- Develop fine and gross motor skills and hand-eye coordination.
- Grow socially and emotionally through self-confidence, responsibility, appreciation for self and others, and respect for materials and safety.
- Properly join wood & assemble projects.
- Sand finished work.

### **EVIDENCE OF LEARNING**

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#### **Formative Assessments**

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do nows, exit slips, performance / participation in various class activities, homework, virtual or in-person experiences to demonstrate completion of tasks

## **Summative Assessments**

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final projects (class presentations, videos, etc), interviews, quizzes, and tests

## **RESOURCES (Instructional, Supplemental, Intervention Materials)**

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- Youtube.com
- Homeadvisor.com
- eHow.com
- Howcast.com

## **INTERDISCIPLINARY CONNECTIONS**

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It is a lifelong lesson for the students to know the value and use of basic tools and how things are created.

## **ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS**

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See link to Accommodations & Modifications document in course folder.