

02_Carpentry

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

General Overview, Course Description or Course Philosophy

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

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

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)

CAEP.9.2.12.C

Career Preparation

STUDENT LEARNING TARGETS

Declarative Knowledge

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

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

Formative Assessments

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

Summative Assessments

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

RESOURCES (Instructional, Supplemental, Intervention Materials)

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

INTERDISCIPLINARY CONNECTIONS

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

See link to Accommodations & Modifications document in course folder.