



Cabinet Making and Carpentry

Career and Technical Education Academy

Carpentry I

Students will learn to use construction materials, current architecture and construction technologies, equipment and power and hand tools safely. They will be exposed to all aspects of house construction, including the building process, carpentry, plumbing, electrical, drafting, blueprint reading, etc., as they construct an actual home. Students will strengthen core academic content by incorporating these skills into real-world situations encountered in the architecture and construction field, while also learning the value of doing quality work.

Carpentry II

Students will build upon skills learned in Carpentry 1, and develop and refine leadership and supervisory skills through the actual house construction process. Upon completion, students will have a greater understanding of materials used for construction, specialty products, blueprint reading, and the responsibility of supervising an on-site construction crew, as well as be able to estimate costs of home projects. They will also investigate careers related to the architecture and construction career cluster. Students will have the opportunity to participate in an internship experience with a local contractor during second semester of Carpentry II.

Advanced Woodworking and Cabinetmaking

Power tools to power projects! This class will teach you both basic and advanced skills that will allow you to create beautiful projects that you will keep forever. Whether you have experience in woodworking or you are a beginner, you can design, draw, or create a project that you will be proud of. Examples of projects constructed in this class include gun cabinets, coffee tables, desks, and entertainment centers. If you dream it, you can build it, working in a state of the art woodworking lab.

Advanced Woodworking and Cabinetmaking 2

Students will build upon skills learned in Carpentry 1, and develop and refine leadership and supervisory skills through the actual house construction process. Upon completion, students will have a greater understanding of materials used for construction, specialty products, blueprint reading, and the responsibility of supervising an on-site construction crew, as well as be able to estimate costs of home projects. They will also investigate careers related to the architecture and construction career cluster. Students will have the opportunity to participate in an internship experience with a local contractor during second semester of Carpentry II.