

Cabinetmaking

Course Number: 17007

Rationale Statement:

- This course will give the student the opportunity to explore and develop basic skills in cabinetry.

Suggested Grade Level: 9-12

Topics Covered:

- Safety
- Equipment
- Fasteners design assembly
- Math and Reading skills
- Wood joints and applications

Core Technical Standards & Examples

Indicator #1: Observe rules and regulations to comply with personal and shop safety.	
Bloom's Taxonomy Level	Standard and Examples
Application	<p>CM1.1 Apply hand/power tool and lab safety</p> <p>Examples:</p> <ul style="list-style-type: none"> • Identify proper safety procedures in the lab • Select materials to enhance hand/power tool and lab safety • Examine proper hand/ power tool and lab safety.
Knowledge	<p>CM1.2 Identify basic first aid procedures in emergency situations.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Demonstrate Basic first aid procedures on a manikin. • Choose a mock demonstration using proper safety techniques.
Indicator #2: Study principles, characteristics and standards pertaining to Cabinetmaking.	
Analysis	<p>CM2.1 Select variations of cabinets.</p> <p>Examples:</p>

	<ul style="list-style-type: none"> • Differentiate the differences between cabinetry materials • Identify the various fasteners • Formulate the correct dimensions uses in today’s cabinetry
Comprehension	<p>CM2.2 Describe the basics of math principles.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Discuss the use of the tape measure • Identify the correct procedure for figuring bd. Ft. • Explain the procedure in calculating bd. Ft. • Define bill of materials and project estimating
Analysis	<p>CM2.3 Identify proper terminology and examine career possibilities</p> <p>Examples:</p> <ul style="list-style-type: none"> * Prepare a report about the area of study * Design a questionnaire for an interview. * Write a biography about a historic person in the field.
<p>Indicator #3: Integrate cabinetmaking technology to achieve finished woodworking project.</p>	
Synthesis	<p>CM3.1 Design a blueprint for the finish project.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Complete a drawing of what you are going to build • Examine the size of cabinet • Show a model of your cabinet
Application	<p>CM3.2 Illustrate the construction of the project.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Classify the materials used for the cabinet • Demonstrate the joinery and assembly • Assemble the component parts of the cabinet. • Apply the recommended finishing procedures