

Finish Carpentry I

Career Cluster	Architecture and Construction
Course Code	17007
Prerequisite(s)	Introduction to Architecture and Construction
Credit	.5 – 1
Program of Study and Sequence	Cabinetry Sequence
Student Organization	SkillsUSA
Coordinating Work-Based Learning	Work place tours, Guest speakers
Industry Certifications	OSHA 10-Hour Safety Certification
Dual Credit or Dual Enrollment	TBD
Teacher Certification	Architecture & Construction Cluster Endorsement; Construction Pathway Endorsement; Building Trades Endorsement;
Resources	

Course Description:

This course is designed to introduce the students to the basics of cabinetry. The course will stress safe and proper use of hand and power tools; safe shop practices and shop environment safety. Students will display a working knowledge of terms and techniques to design and build a wood working project.

Program of Study Application

Introduction to Architecture and Construction is recommended but not required

Finish Carpentry I

Finish Carpentry II

Capstone Experience

Course Standards

Indicator # FCI 1 Observe and apply rules and regulations to comply with personal and shop safety.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Apply	FCI 1.1 Apply hand/power tool and lab safety standards.	
One Describe	FCI 1.2 Describe and wear appropriate personal protective equipment (PPE) when needed.	
One Indicate	FCI 1.3 Indicate a knowledge of government regulations regarding health and safety in the shop.	

Indicator # FCI 2 Explore the different career opportunities in the industry.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Investigate	FCI 2.1 Investigate and examine career opportunities in cabinetry industry.	
Two Demonstrate	FCI 2.2 Demonstrate an understanding of necessary job skills needed in cabinetry careers.	

Indicator # FCI 3 Apply basic math principles used in the industry.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Demonstrate	FCI 3.1 Demonstrate proper use of appropriate math skills	
Two Demonstrate	FCI 3.2 Demonstrate an understanding of the difference between board feet and linear feet	
Two	FCI 3.3 Demonstrate proper measuring and layout skills	

Demonstrate		
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Indicator # FCI 4 Identify various materials and apply project planning.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
One Identify	FCI 4.1 Identify wood species and engineered materials.	
Three Analyze	FCI 4.2 Analyze design elements of a project plan.	
Four Create Implement	FCI 4.3 Create and implement a bill of materials and cut list from a project drawing.	
One Identify	FCI 4.4 Identify various types of hardware, fasteners, and adhesives used in the cabinetry industry.	

Indicator # FCI 5 Recognize various cabinetry joinery and assembly techniques.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Demonstrate	FCI 5.1 Demonstrate common joinery techniques	
Two Demonstrate Assemble	FCI 5.2 Demonstrate knowledge of industry concepts to assemble projects	

Indicator # FCI 6 Recognize and apply surface preparation and finishing techniques.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Apply	FCI 6.1 Apply surface preparation techniques	
Two Apply	FCI 6.2 Apply finishing products	