



Utah System of Higher Education

The Gateway, Salt Lake City, UT 84101

801-646-4784

Carpentry Fundamentals		Course Description	
Catalog Year: 2025, Required Hours: 180, Credits: 6			
Foundational Courses (Required Hours: 180, Credits: 6)			
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TECO 1010	Introduction to Carpentry	2.00	60.00
The Introduction to Carpentry teaches site safety, construction math, proper material handling, hand and power tool identification and use, workplace habits and attitudes. This course describes construction drawings and builds communication and employability skills needed in the workplace.			
Objectives:			
<ul style="list-style-type: none">• Demonstrate proper workplace and job site safety.• Demonstrate proper use of hand and power tools.• Demonstrate proper equipment and hazardous material handling.• Describe various types of construction drawings.• Use whole numbers, fractions, and decimals in mathematical equations as they pertain to job site tasks.• Demonstrate positive workplace behaviors and communication skills to promote a successful construction team.			
TECO 1020	Carpentry Concepts	4.00	120.00
The Carpentry Concepts course teaches the uses of various fasteners, proper use of carpentry tools, interpretation of blueprints, material take-offs, and basic carpentry concepts.			
Objectives:			
<ul style="list-style-type: none">• Describe building materials used in construction work.• Identify hand tools and power tools operations, with care and maintenance.• Define techniques for reading and using construction drawings and specifications.• Demonstrate procedures for framing and layout of a residential building.• Define the concept of the building envelope and its components.			