

Academic year 2021-2022 Assessment Plan

Carpentry

Academic year 2021-2022

Carpentry Learning Outcomes

Safety

Demonstrate safe material handling practices
Display comprehension of workplace/job site safety procedures (OSHA)
Exhibit knowledge of SDS and personal protective equipment (PPE)
Display understanding of hand tool safety issues
Display understanding of power tool safety issues

MEASURES	RESULTS	ACTIONS
NOCTI Carpentry Assessment Implementation Plan (timeline) Spring 2022 Key/Responsible Personnel Les Zimmerman/ Troy Rupp Direct - Exam (Course) Target The mean score will be equal or above the national mean.	<i>No results have been added.</i>	<i>No actions have been added.</i>
NOCTI Carpentry Assessment Implementation Plan (timeline) Spring 2022 Key/Responsible Personnel Les Zimmerman/Troy Rupp Direct - Exam (Course) Target 50% or more of the students will score above the national mean.	<i>No results have been added.</i>	<i>No actions have been added.</i>

Tools and Accessories

Use and maintain hand tools
Use and maintain power tools
Use and maintain measuring, layout, and marking tools

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Blueprint Reading and Estimation Skills

Demonstrate awareness of general building codes
Display comprehension of dimensions and scales
Read and understand various views and elevations
Display understanding of symbols, lines, and details
Extrapolate information from a set of plans
Estimate materials quantities
Demonstrate awareness of green building practices

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Foundations, Forms, and Concrete

Lay out foundation
Construct and align footing and foundation forms
Install, brace, align, and remove formwork
Understand concrete characteristics

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Rough Framing

Demonstrate understanding of floor systems Demonstrate understanding of wall systems Demonstrate understanding of roof systems Calculate, lay out, and install stairs

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Exterior Finish

Identify and install cornice and trim Calculate and install roofing Identify, prepare, and install windows and doors Calculate, lay out, and install siding

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Interior Finish

Install insulation Install and finish interior walls and ceilings Install interior doors Install standing and running trim Install cabinets and associated hardware

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Carpentry - Related Mathematics

Perform basic mathematical operations:whole numbers, fractions, and decimalsPerform linear, square, and cubic computationsPerform algebraic and geometric functions

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