

Assessment Plan 2023-2024

Machine Tool Technology

Mission

We are here to train tomorrows workforce, with the experience to make an impact immediately after graduation. Students will get the hands on training needed to be a well rounded Machinist in todays world.

Academic year 2023-2024

Machine Tool Technology Learning Outcomes

Machining skills

Apply basic machining skills per industry standards.

MEASURES	RESULTS	ACTIONS
<p>Skills USA CNC Milling and Turning Assessment</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Kevin Huwe/Tony Hanson</p> <p>Direct - Exam (Course)</p> <p>Target</p> <p>The mean score will be equal to or greater than the national mean.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>
<p>Skills USA CNC Milling and Turning Assessment</p> <p>Implementation Plan (timeline) Spring</p> <p>Key/Responsible Personnel Kevin Huwe/Tony Hanson</p> <p>Direct - Exam (Course)</p> <p>Target</p> <p>60% or more of the students will score above the national mean.</p>	<p><i>No results have been added.</i></p>	<p><i>No actions have been added.</i></p>

Blueprint reading

Communicate and demonstrate an understanding of all symbols on a blueprint.

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CNC programming

Demonstrate knowledge of CNC programming per industry standards.

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Work inspection

Inspect work per industry standards.

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Mathematical calculations

Perform mathematical calculations as needed for calculating speeds, feeds, program coordinates, angles, radii, and tangent points.

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