

## Assessment Plan Academic Year 2022-2023

### 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.

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Academic year 2022-2023

Machine Tool Technology Learning Outcomes

#### Machining skills

Apply basic machining skills per industry standards.

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

#### Blueprint reading

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

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**Machine Tool Technology**

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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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