WHITEWATER CAREER CENTER

2023 Technical Skills Evaluation

To Potential Employers: This document reflects a fair and thoughtful evaluation of the student listed below. We believe these skills are essential for employment in this specific industry area, and I evaluate each student upon completion of the two-year program at Whitewater Career Center.

Student: **Program:**   Precision Machine Technology

BENCH WORK AND PLANNING	
5 4 3 2 1	Student can lay out dimensions.
5 4 3 2 1	Student can create process sheets.
5 4 3 2 1	Student can process workflows.
5 4 3 2 1	Student can properly de-bur finished parts.
5 4 3 2 1	Student can interpret multi-view and isometric blueprints.
5 4 3 2 1	Student can sketch a part in 3 views.
5 4 3 2 1	Student can perform mathematical calculations.
PRECISION MEASUREMENT	
5 4 3 2 1	Student can measure with micrometers and dial calipers.
5 4 3 2 1	Student can measure with gauge blocks and height gauge.
5 4 3 2 1	Student can measure with an optical comparator.
MACHINING	
5 4 3 2 1	Student can identify key parts of the engine lathe and milling machine.
5 4 3 2 1	Student can tram a 4-jaw lathe chuck.
5 4 3 2 1	Student can face, turn, bore, and thread on the engine lathe.
5 4 3 2 1	Student can dress the grinding wheel.
5 4 3 2 1	Student can tram the head and vise on a Bridgeport mill.
5 4 3 2 1	Student can mill, drill, bore, and tap on the Bridgeport mill.
5 4 3 2 1	Student can square parts using a grinding vise or angle plate.
MAINTENANCE	
5 4 3 2 1	Student can perform routine maintenance on the Bridgeport mill.
5 4 3 2 1	Student can perform routine maintenance on the engine lathe.
5 4 3 2 1	Student can perform routine maintenance on the surface grinder.
CNC MACHINING	
5 4 3 2 1	Student can create CNC setup sheets.
5 4 3 2 1	Student can create a CNC program.
5 4 3 2 1	Student can edit a program.
5 4 3 2 1	Student can change offsets.
5 4 3 2 1	Student can set up a CNC machine.

Evaluation Rating Scale: 5 = Proficient, 4 = Capable, 3 = Limited, 2 = Not Proficient, 1 = Training Not Received

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Richard Bever, Instructor   Date

For more information, contact:
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