

2010-2011 Assessment Cycle (2010-2011Assessment Cycle)

Assessment Plan

Mission Statement

Learning Outcomes and Measures

Machine Tool Technology Outcome Set

Learning Outcome

Machining skills

Apply basic machining skills per industry standard

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:

Acceptable Target: National Average

Ideal Target: > national average

Implementation Plan (timeline): Spring 11

Key/Responsible Personnel:

CNC programming

Demonstrate knowledge of CNC programming per industry standards

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:

Acceptable Target: National Average

Ideal Target: > national average

Implementation Plan (timeline): Spring 11

Key/Responsible Personnel:

CNC setup

Set up a CNC machine per industry standard

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:

Acceptable Target: National Average

Ideal Target: > national average

Implementation Plan (timeline): Spring 11

Key/Responsible Personnel:

Mathematical calculations

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

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:

Acceptable Target: National Average

Ideal Target: > national average

Implementation Plan (timeline): Spring 11

Key/Responsible Personnel:

Blueprint reading
Communicate and demonstrate an understanding of all symbols on a blueprint

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:
Acceptable Target: National Average
Ideal Target: > national average
Implementation Plan (timeline): Spring 11
Key/Responsible Personnel:

Work inspection
Inspect work per industry standards

▼ Measure: Skills USA CNC Milling and Turning Assessment
Program level: Direct - Exam

Details/Description:
Acceptable Target: National Average
Ideal Target: > national average
Implementation Plan (timeline): Spring 11
Key/Responsible Personnel:

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