

# CTE Skill Certificate Test Performance Documentation

This document must be submitted to the test coordinator at the end of testing each trimester/semester.

Instructor's Name: \_\_\_\_\_ Course: Machinist Technician/CNC (Drill Press)

School: \_\_\_\_\_ Test Number: 580

# Students in course: \_\_\_\_\_ Date: \_\_\_\_\_

# Students tested: \_\_\_\_\_

# Students who passed performance objectives at or above 80%: \_\_\_\_\_

This is to *verify* that the students marked **YES** on performance accomplished the following performance objectives at or above the 80% (moderately to highly skilled) level.

1. The student will be able to understand safe practices and professional machine shop procedures.
  - Follow safety manuals and all safety regulations and requirements.
  - Use protective equipment.
  - Follow safe operating procedures for hand and power machine tools.
  - Maintain a clean and safe work environment.
  - Request a courtesy UOSHA or State Risk Management inspection at least every 2 years.
2. The student will be able to apply mathematical concepts.
  - Perform basic arithmetic functions - Add, subtract, multiply, and divide.
  - Convert fractions to decimal equivalents.
  - Convert metric to inch measurements.
  - Calculate speeds and feeds for machining.
  - Locate basic machining points from a Datum Point.  
Calculate for direct, simple, and angular indexing.
3. The student will be able to interpret engineering drawings and control documents.
  - View blueprint notes and dimensions.
  - Identify basic layout of drawings.
  - Identify basic types of drawings.
  - List the purpose of each type of drawing.
  - Verify drawing elements.
  - Practice geometric dimensioning and tolerancing (GD&T) methodology.
4. The student will be able to recognize different manufacturing materials and processes.
  - Identify common materials and explain their desired properties.
  - The student will be able to properly perform measurement/inspection.
  - Select proper measurement tools as they best relate to part characteristics and specified accuracy.
  - Apply proper measuring techniques.
  - Accurately perform measurements with hand-held instruments.
  - Accurately perform measurements on surface plate.
5. The student will be able to properly perform measurement/inspection.
  - Select proper measurement tools as they best relate to part characteristics and specified accuracy.
6. The student will be able to understand planning and hand tools.
  - Prepare and plan for machining operations.
  - Demonstrate proper use of hand tools.
7. The student will be able to understand and demonstrate the use of drilling machines.
  - Demonstrate proper use of drilling machines.

Each performance is documented and kept on file by the teacher for two years.  
(Check the documentation method used)

- Class period summary score sheet
- Recorded and identified in the class grade book

Instructor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

