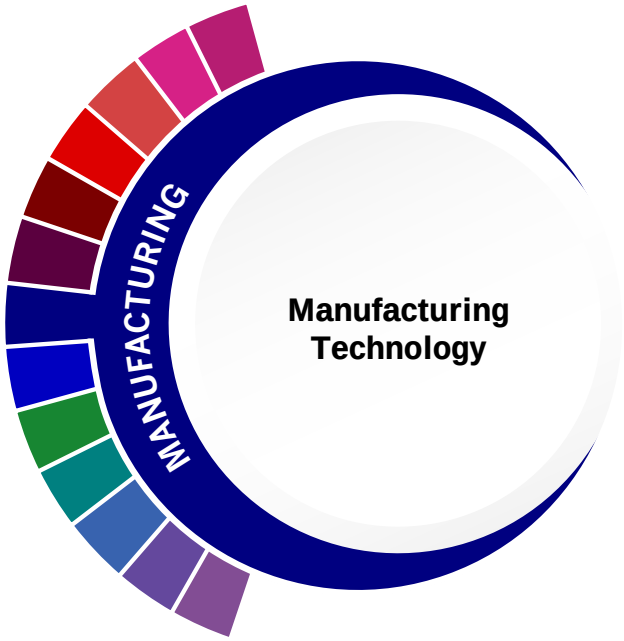
NIMS Machining Level 1 CNC Lathe Operations (CNC Tuning)

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The NIMS Machining Level 1 - CNC Tuning: Operations exam includes the following domains or competencies: arithmetic; IPM calculations; SFM to rpm conversion; configuration (LOC and EOH); fitting (tightening and setting); holder applications; feature control frame; geometric control symbols; geometric tolerancing categories; feature with size verification; feature without size verification; flatness verification; hole gaging; machine guarding; drilling; face milling; peripheral milling; reading micrometers; reading steel rule; reading Vernier scales; use of calipers; deburring; fixture offset adjustments; geometry offset adjustments; machine controls; block tolerances; line types and conventions; and orthographic projection.

For additional information, please visit the following link:
https://www.nims-skills.org/credentials/cnc-lathe-operations



CERTIFYING ENTITY

NIMS

(703) 352-4971

https://nims-skills.org/credentials

ADDITIONAL INFORMATION

Exam Information: NIMS (National Institute for Metal Working Skills) Machining Level I - CNC Turning: Operations

Exam Webpage:
https://nims-skills.org/credentials

Number of Questions: 49 questions

Question Type: Multiple choice, true/false, fill-in-the-blank

Exam Time: 90 min

Exam Site: online

Exam Price: $80 for one test, one retake included
Volume pricing available

Candidate Requirements: Demonstrate theoretical knowledge, skills, and abilities through completion of a proctored, timed theoretical assessment

Study Materials & Resources: contact for more information