The Machining Master Certificate prepares graduates for careers in the operation and programming of computer numeric control (CNC) drills, grinder, mills and lathes used extensively in the manufacturing and repair industries. This program provides students with the needed math skills, as well as an excellent blueprint reading, geometric dimensioning and tolerancing, and precision measurement tools used in the actual industry.

The master certificate program also includes advanced courses offering manufacturing insight, CNC & manual tooling, CNC equipment setup, programming in EIA/ISO as well as conversational languages, computerized machine protocols, manual machining, and the opportunity to obtain NIMS Level certifications. NIMS is the National Institute for Metalworking Skills, Inc. and was formed in 1995 by the metalworking trade associations to develop and maintain a globally competitive workforce.

The CNC Milling and / or CNC Turning Level 1 certifications that can be obtained from NIMS focus on programming Machining and Turning centers, review of tool paths and operation of the Machining and Turning Centers. This combination of courses contributes to a safe and productive environment for the trainee to develop the skills necessary for an apprentice position in the machining industry.

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Complete your Machining Master Fast-Track Certificate in 1 Year!

Representative career titles and job positions for this program plan include:
- Production Machinist
- Machinist
- CNC Machinist

1Entry-Level Wage: $29,552


2Position titles vary by employer and location.