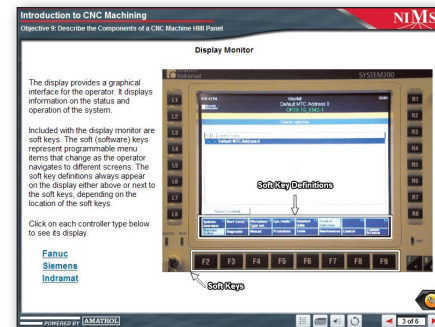
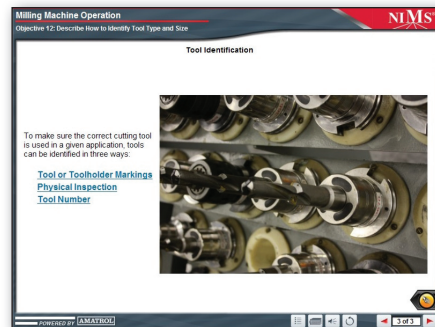


## Amatrol's CNC Operator Program Teaches ...

- |   |  |
|---|--|
| Control Charts                              | Drill Operation                                    |
| Lathe Operation                             | Form Tolerances                                    |
| Milling Production                          | CNC Mill Operation                                 |
| Turning Production                          | Introduction to SPC                                |
| Basic Measurement                           | Location Tolerances                                |
| Dimensional Gauging                         | Machining Processes                                |
| Orientation Tolerances                      | CNC Turning Operation                              |
| CNC Grinding Operation                      | CNC Program Operation                              |
| Milling Machine Operation                   | Internal Machining Processes                       |
| Precision Measurement Tools                 | Introduction to CNC Machining                      |
| Print Reading 1 – Multiview Drawings        | Geometric Dimensioning and Tolerancing             |
| CNC Machine Troubleshooting and Maintenance | Print Reading 2 - Sectional Drawings and Fasteners |



## Amatrol's CNC Machine Operator Program Includes:

### Classroom Installation

- 24 self-paced learning units
- 132 skills, 80+ hours of learning
- Instructor's guide with authentic skill assessments (practice for NIMS certification)
- OJT (On-The-Job-Training) guide
- NIMS exam registration(s)

### Flexible Delivery!

- Classroom installation
- Via the web
- Skill tracking and reporting software available

### Web Delivery

- 24 self-paced learning units
- 132 skills, 80+ hours of learning

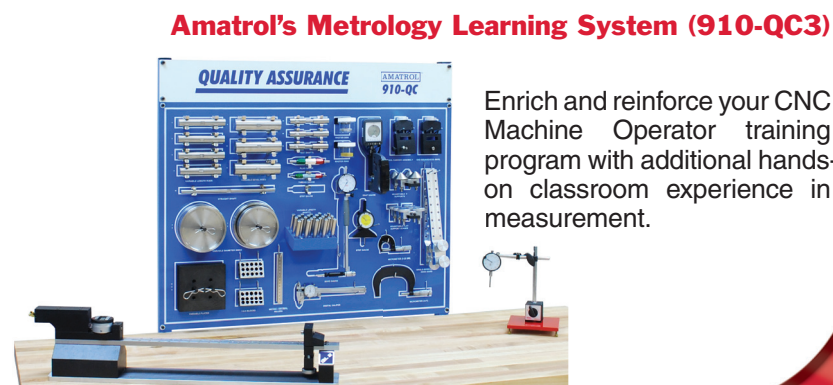


## CNC Machine Operator Program Options



### Instructor Training

Learn how to assess and administer a CNC Machine Operator class in preparation for NIMS certification.



Enrich and reinforce your CNC Machine Operator training program with additional hands-on classroom experience in measurement.

# CNC MACHINE OPERATOR PROGRAM

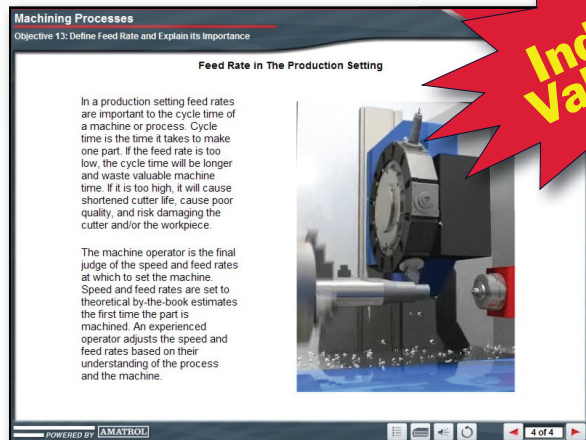


## Training Specifically Designed for the CNC Machine Operator!

CNC Machine Operator skills are required for over 500,000 manufacturing jobs. A CNC machine operator requires expertise in running CNC machines but is not a machinist. Unlike most CNC training programs available today, Amatrol's CNC Machine Operator Program has been designed in partnership with a large global manufacturer specifically for machine operators, streamlining and focusing on the key skills these operators need.

### Key Skill Topics

- CNC mill, lathe and grinder set-up & operation
- Tool identification, set-up, use and maintenance
- Fixture set-up and operation
- CNC troubleshooting and maintenance for operators
- Precision measurement & gauging
- Print reading
- Geometric dimensioning and tolerancing
- Machining processes
- Statistical process control
- Quality and cycle time optimization
- CNC program operation



**Industry  
Validated!**

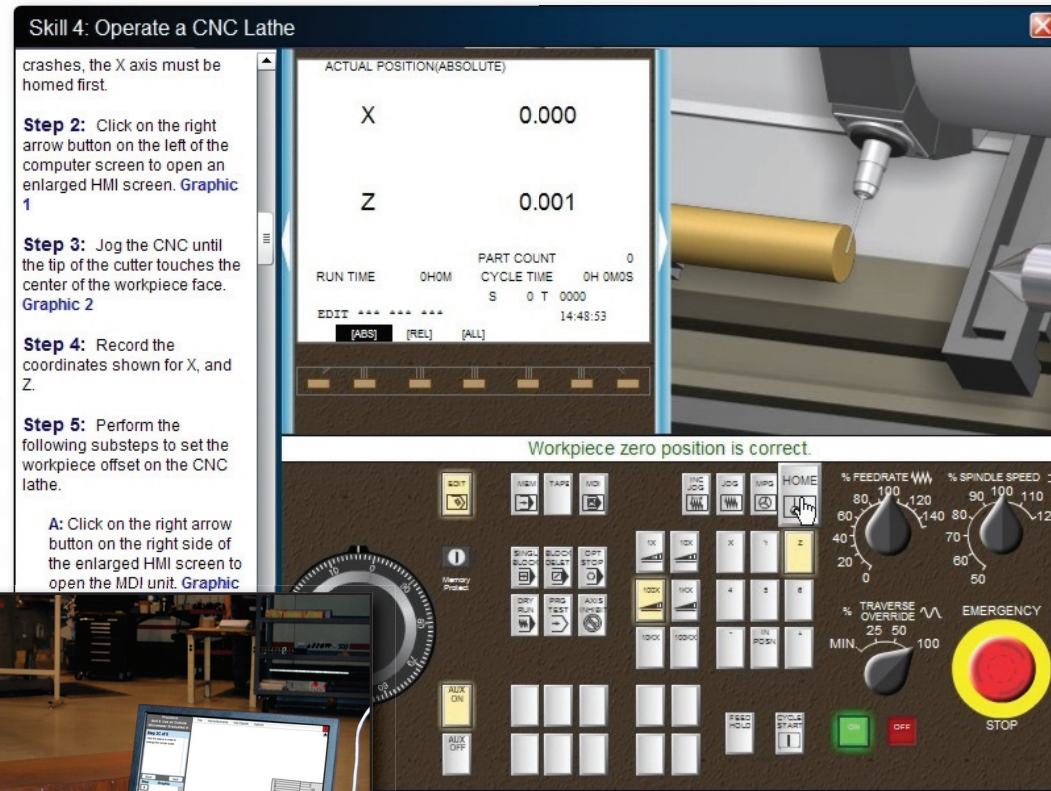


## Amatrol's Turn-Key Program Includes:

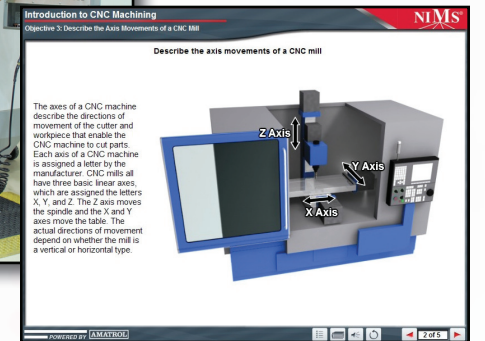
- 132 skills, 80+ hours of learning
- 24 self-paced learning units
- Instructor's guide with authentic skill assessments (practice for NIMS certification)
- OJT (On-The-Job-Training) guide
- NIMS exam registration(s)
- Flexible delivery, available for server based installation at your site or via the web\*
- Options include instructor training, 910-QC3 Metrology Learning System, and SkillACE

\* See back cover for more information on web delivery options

## Rich Multimedia Effective Learning



- Interactive Exercises
- Engaging Graphics
- Vibrant 3-D Animations
- Extensive Video
- Narration and Text
- Comprehensive Explanations



## Interactive Virtual Simulators Hands-On, Job-Ready Skills

- Perform part measurement and gauging
- Interface with a CNC
- Make tooling decisions
- Respond to machine malfunctions
- Set-up and operate a CNC machine
- Do the job virtually!

## NIMS Certification for CNC Machine Operator

NIMS (National Institute for Metalworking Skills) endorses Amatrol's CNC Machine Operator Program exclusively as the recommended preparation method for the NIMS CNC Machine Operator Certification. NIMS provides national standards for metalworking. Additional details on how to obtain a certification can be found at [Amatrol.com](http://Amatrol.com) or [NIMS-Skills.org](http://NIMS-Skills.org).

