Hands-On, Job-Ready CNC Machine Operator Skills

Amatrol's CNC Operator Program Teaches...

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

Amatrol's CNC Machine Operator Program Includes:

- 24/7, 365 access via Amatrol's eLearnining LMS
- 14 self-paced eLearning modules
- Over 120 skills, 80+hours of learning
- Instructor's Guide
- OJT (On-the-Job) Training Guide
- Skill tracking and reporting via SkillTrace

Amatrol Instructor Services

Amatrol's Instructor Services allows for you to train your trainers or teachers. This service can be arranged for a variety of Amatrol products and programs at our facility or in-house at yours! Contact Amatrol today for more details.

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AMATROL®

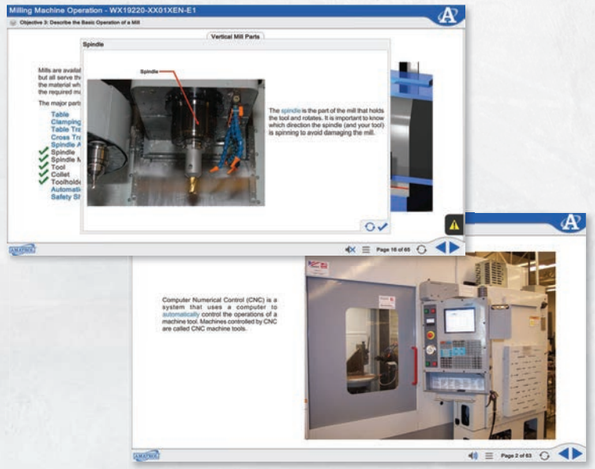
CNC Machine Operator Program

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



Amatrol's Turn-Key Program Includes:

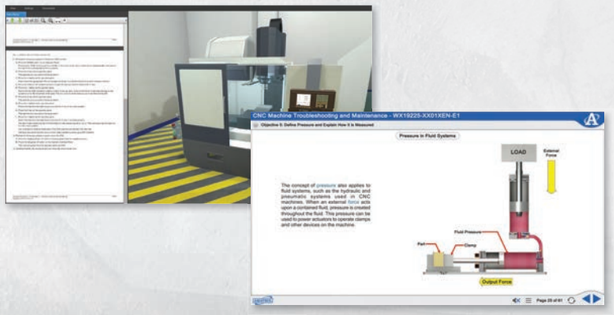
- Over 120 skills, 80+ hours of learning
- 14-self paced eLearning modules
- Instructor's guide with authentic skill assessments
- OJT (On-The-Job-Training) guide
- 24-7, 365 access to eLearning via Amatrol's LMS
- Options include Amatrol's SkillTrace for tracking and reporting

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!

Industry Validated!

Rich Multimedia Effective Learning

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