

SINUMERIK CNC TRAINING

Level 2: programGuide for milling online, instructor-led

Operation and programming for machine tool programmers, operators and users

Upon completion of the course, participants will be able to create part programs in G-code using the programGuide interface, setup jobs through the jog functionality and run parts in auto mode.

Requirements

Advanced Basic knowledge of how to operate and program milling machines is required. Previous attendance of the Level 1 ShopMill class is recommended.

Class specifics

This is an online class consisting of 3 days, 4-hour sessions each. We will provide a student version of SINUTRAIN for use on your Windows 10 computer. Speakers and / or a headset plus a microphone will be required.

Target group

CNC end-users, machine builders, and machine tool dealers, who provide support and training for the programming and operation of CNC milling machines utilizing the programGuide user interface.

Content

- Introduction to advanced functions in SINUMERIK CNC
- Introduction to advanced tool management including tool life management
- Introduction to MDI mode
- Introduction to G-code program creation, testing, modifying and saving through programGuide
- Programming with standard milling cycles
- Programming free contours using the contour calculator
- Centering, drilling, thread cutting
- Programming with sub-routines
- Working with transformations
- Setup and operation of 4-axis machine tools
- Programming of 4-axis applications

Course details

Length	3 days, 4-hour sessions each
Location	online, instructor-led
Registration	usa.siemens.com/cnc-training
Capacity	10 participants
Cost	There is no fee for the workshop. A Windows 10 computer with speakers and / or headset plus a microphone are required. We will provide a trial version of SINUTRAIN for use on your computer.