

SIEMENS

Ingenuity for life

Operation and programming

SINUMERIK 828D/840D sl training for machine tool programmers, operators and users

Level 1—ShopTurn

General information

Length: 2 days

Location:

Siemens Industry, Inc.
390 Kent Avenue
Elk Grove Village, IL 60007

Registration:

usa.siemens.com/cnc4you

Capacity: 12 students

Cost:

There is no fee for the workshop.

Participants are responsible for their own travel and living expenses.

Daily lunch will be provided during the training.

Description/Objective Upon completion of the course, the participant will be able to create part programs using the ShopTurn graphical user interface, setup jobs through the jog functionality and run parts in auto mode.

Requirements Basic knowledge of operation and programming of turning machines is required.

Class specifics There will be a set number of workstations available for the class. If use of a personal computer is desired, it must be a Windows 7 or older operating system. We will provide a 60-day trial version of SINUTRAIN for student use.

Target group Machine tool builders and dealers, who provide support and training for the programming and operation of CNC turning machines utilizing the ShopTurn graphical user interface.

Content

- Introduction to functionality and the SINUMERIK CNC
- Introduction to tool management
- Introduction to the manual operating area
- Introduction to program creation, testing, modifying and saving
- Programming with standard turning cycles
- Programming free contours using contour calculator
- Centering, drilling, thread cutting
- Working with “multiple clamping” function