

ShopTurn

Operation and programming

CNC training for programmers, operators and users

General Information

Length:	3 days
Dates:	October 2nd to October 4th
Location:	Siemens Industry, Inc. 390 Kent Avenue Elk Grove Village, IL 60007
Registration:	www.usa.siemens.com/cnctraining
Capacity:	12 students
Cost:	There is no fee for the class. Participants are responsible for their own travel and living expenses. Lunch will be provided daily during the training. Each student will be provided with a complementary SINUTRAIN for SINUMERIK Operate at the end of the class.

Description / Objective

Upon completion of the course, the participant will be able to create a part programs using the ShopTurn graphical user interface.

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Requirements

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

Target group

Machine tool OEM and dealer personnel, who provide support and training for programming, operating, and using CNC turning machines utilizing the ShopTurn user interface.

Content

- Introduction to functionality and the SINUMERIK CNC
- Introduction to tool management
- Introduction to program creation, testing, modifying and saving
- Programming with the standard turning cycles and manual machine
- Programming free turning contours using contour calculator
- Working with unmachined-part and finished-part contours
- Centering, drilling, thread cutting, position template
- Milling with standard cycles
- Contour milling, entering and machining of workpiece contours on sides and faces
- Working with transformations