SIEMENS

840Dsl Operations & Programming 1 w/HMI Operate - Virtual (SCT-SNOILSLP1A-OP)

Global Reference

SINUMERIK OPERATE BASIS Operate and program (NC-SINOP-B)

Type

Virtual Instructor-led Learning

Duration and Continuing Education Units (CEU)

25 Hours (Schedule varies)
2.5 CEUs

Target Group

- Operator
- Programmer

Short Description

This virtual course is for Operator/Programmers of CNC machines that utilize the new SINUMERIK 840Dsl (Solution Line) controls. This course presumes the customer is using the PCU 50.3 or an HMI TCU (Thin Client Unit), with the SINUMERIK HMI Operate interface.

This course provides a complete overview of the soft key menus of the SINUMERIK 840Dsl (Solution Line) controls, describing the basic principles of CNC operation along with the generation of a basic CNC parts programs. Demonstrations are given on how to create and manage part programs, define offsets, save programs, restore programs, and user data. Class format is predominately exercises conducted in a virtual environment. Access to fully functional software and tools are provided through a cloud-based application. Students use SINUMERIK 840Dsl CNC simulators to build proficiency in moving through various menus, creating/managing part programs, setting Work, editing work, tool offsets, and user data.

Objectives

- Edit and store part programs in editing mode, using Siemens-installed editors
- Back-up and restore work pieces, part programs, and user data to/from internal hard drive or the system CF Card
- Back-up and restore work pieces, part programs, and user data to/from an external data medium
- Use all Manual Mode operations
- Use all MDI Mode operations
- Use all Automatic Mode operations
- Set and edit work offsets
- Set and edit tool offsets
- Set and edit user data
- Create CNC part programs

Content

- Control operation management

Language

English