

CNC - SINUMERIK Power Line

D Series Operations & Programming 1 w/ HMI Advanced

General Information

Course Code: SCT-SN84DP1B
Length: 4 Days

Audience

This course is for Operator/Programmers of CNC machines that utilize the SINUMERIK 840D / 810D / 840Di controls, with MMC-103 or PCU-50 Operator Interfaces. Personnel who are using the MMC-100.2 or HT-6 Operator Interfaces are urged to contact Siemens Customer Training prior to enrolling in this class.

Prerequisites

- MS Windows Expertise

Profile

2.6 CEUs (Continuing Education Credits)

complete overview of the softkey menus of the SINUMERIK D-series CNC and describes the basic principles of operating the control. Demonstrations are given on how to manage part programs, define offsets, and restore programs and control data.

Class format is predominately hands-on exercises. Students use SINUMERIK 840D CNC simulators to build proficiency in moving through various menus and in managing part programs.

Objectives

Upon completion of this course, the student shall be able to:

- Edit and store part programs in editing mode, using Siemens-installed editors.
- Back-up and restore workpieces, part programs, and control data to/from internal hard drive.
- Back-up and restore workpieces, part programs, and control data to/from an external data medium.

Topics

Program management:

1. Program and subprogram directories
2. The Workpiece directory
3. Editing subprograms and part programs
4. Saving programs to the hard disk
5. Saving workpieces and programs to an external data medium