

AVENG - Creo Parametric Manufacturing Training - Special: CZ Standards and Tools

Code: S-CPMFG

Duration: 3 days

Prerequisites

- ≡ AV Standards and Tools (AV CZ Pack; AV Standards; AV ScriBatch)
- ≡ AV Templates (3D; 2D)
- ≡ AV Symbols (ČSN; DIN; ISO; PN)
- ≡ CZ Configuration (config.pro; config.sup; ...)
- ≡ AV Data for exercises
- ≡ AV Libraries (Tools; machines; parameters; ...)
- ≡ Customer data and configuration

Course Objectives

- ≡ Introduction to NC Machining in Creo Parametric.
- ≡ Definition of machined model - definition of workpiece and semi-finished product.
- ≡ Libraries - creating and using libraries of tools and clamps.
- ≡ Options for defining machined areas and surfaces - determination of machined and non-machined areas.
- ≡ Milling NC Sequences - overview of NC Sequences, their use and options for parameters and definitions.
- ≡ Drilling NC sequences - overview and definition of individual drilling cycles and their parameters.
- ≡ CL Data - generation of CL Data for individual NC sequences or entire operations.
- ≡ NC Check - check of generated CL Data in Creo or using Vericut software.
- ≡ NC Data - postprocessing of CL Data to NC Data for the control system