

# AVENG - Creo Parametric Basic Training - Special: CZ Standards and Tools

**Code:** S-CPBAS

**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; user interface; materials; color appearances; ...)
- ≡ AV Data for exercises

## Course Objectives

- ≡ Understand Creo Parametric interface and concepts
- ≡ Working with sketcher – tools and use of the sketching (create sketcher, dimensions, relations, modification, regeneration, copying, ...)
- ≡ The basic modelling methods (protrusion, revolve, Sweep, Blend)
- ≡ Feature creation (adding and cutting material, hole, basic round, chamfer, Rib, shell...)
- ≡ Datum Features – definition and usage (Datum plane, Axis, Points, Curves, Coord sys)
- ≡ Methods of the feature copying and multiplying
- ≡ Other functions in Part mode (Relations, Family tables, Macros)
- ≡ Drawing basics (Drawing Parts, basic definition of Views and dimensions)
- ≡ Assembly basics (assembly creating, components placements)
- ≡ Working with Creo files – save, copy, rename, delete, purge
- ≡ System Configuration Files