

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

**Code:** S-CPADP

**Duration:** 3 days

## Prerequisites

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

## Course Objectives

- ≡ Advanced design datum features (Variable Pull Direction, Rotation Blend, Auto Round, Full Round)
- ≡ Advanced modelling methods (using more curves simultaneously, dragging a variable cross section over a trajectory, Helical Sweep - helix creating, chart-driven features, ...)
- ≡ Operations with features (modification, redefinition, suppress, copying, mirror, pattern, grouping, reorder during feature creating, reference changing – reroute, insert mode, ...)
- ≡ Other function for edit (Project, Wrap, Solidify, Intersection).
- ≡ Work with curves (use advanced sketching techniques)
- ≡ Learn advanced layer techniques (reference features in layers, volume features in layers, ...)
- ≡ UDF – user defined features creating
- ≡ Parameters – definition and uses (system and user parameters)
- ≡ Model information (mass, center of gravity, volume, ...)