

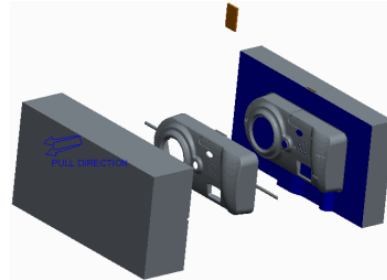
Mold Design using Creo Parametric 2.0

Overview

Course Code	TRN-3920-T
Course Length	2 Days

The Mold application provides the tools to create a mold model from start to finish by using the mold design process within Creo Parametric. In this course, you will learn how to create, modify, and analyze mold components and assemblies. Any changes made to the design model automatically propagate to the mold components and assemblies. You will also learn how to create final extract components that reflect the geometry of the design model, along with shrinkage considerations, adequate drafting, mold features, and cooling systems. After completing the course, you will have a better understanding of the mold design process and how to create molded products.

At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Learn the basic mold process
- Prepare design models for the mold process
- Analyze design models to ensure their readiness for molding
- Create mold models
- Apply shrinkage to the reference model
- Create and assemble workpieces into the mold model
- Create mold volumes
- Create parting lines and parting surfaces
- Split mold volumes
- Extract mold components
- Create mold features
- Learn how to fill and open the mold

Prerequisites

- Introduction to Creo Parametric
- Basic understanding of industry standard Mold design terminology and processes
- Knowledge of Creo Parametric surfacing techniques a plus

Audience

- This course is intended for designers, machinists, and manufacturing engineers. People in related roles will also benefit from taking this course.
-