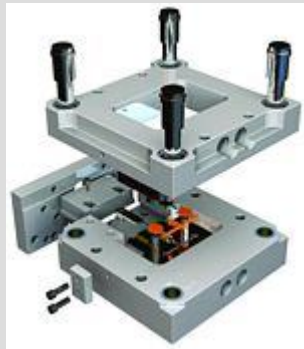


Mold Design using SolidWorks Course Information

This course focuses on manual mold creation techniques and how to use the Mold Tools in SolidWorks mechanical design automation software.



Course Length: 2 days

Hours: 8:30am – 4:30pm

Prerequisite:

•SolidWorks Advanced Part Modeling

Includes:

•Color Training Manual
•Completion Certificate

Course Contents:

- Core Cavity
 - Core and Cavity Design
 - Mold tools
 - Analyzing Draft on a Model
 - Parting Lines
- Multiple Parting Directions
 - Side Cores
 - Lifters
 - Core Pins
- Importing and Repairing Geometry
 - Creating Solids from Surfaces
 - Surface Types
- Parting Lines and Shut-Off Surfaces
 - Analysis Options
 - Tooling Split
 - Undercut Analysis
- Repairs and Surfaces
 - Creating New Drafted Faces
 - Interlock Surfaces
- Using Surfaces
 - Creating Surface Bodies from Faces
 - Organizing Surfaces
 - Side Cores
- Reusable Data
 - Library Features
 - Smart Components
- Alternate Methods for Mold Design
 - Using Combine and Split
 - Using Surfaces
 - Using the Up to Surface Method
 - Using the Split Method
 - Manual Shut-Off Surface Creation
- Making a Complete Mold
 - Developing a Plan and Modeling Repairs
 - Creating Individual Parts
 - Organizing the Assembly
 - Making the Drawing
 - Completing the Process



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