An Alignex EXTEND Course:

3D Modeling for Plastic Part Design

LENGTH: 4 HOURS

Prerequisites: SOLIDWORKS Essentials

Description: This class is targeted at users who do predominantly plastic part design and have to deal with the specific concerns of 3D modeling on these type of parts.

Topics covered in this course are:

Lesson 1: Introduction to Plastic Part Terminology
- Draft
- Draft Xpert and Draft Analysis

Lesson 2: Mold Tools
- Core
- Cavity
- Intersect
- Move and Copy Body
- Delete and Keep Body
- Shut-off Surfaces
- Undercut Detection

Lesson 3: Fastening Features
- Mates in Multi-Body Parts
- Mounting Bosses
- Snap Hooks
- Snap Grooves (Lip & Groove)
- Vents

Lesson 4: Splits
- Move Face
- Split Lines
- Parting Lines
- Parting Surfaces
- Tooling Splits
- Split and Save Bodies

EXTEND user development

- Alignex reserves the right to reschedule any class that does not have a minimum of three students.
- Payment for training is due prior to the start of class.
- There is a 25% fee for not canceling at least 3 business days prior to the start of class.

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Training Registration
www.alignex.com/training-calendar-extend