



Automotive Designing With PTC CREO Parametric

Duration:- 4 Weeks

Course Content

- ◆ The fundamentals of CREO Parametric.
- ◆ Sketching and Extruding
- ◆ Solid and Surface Modeling
- ◆ Simulate Lite – Static Finite Element Analysis (FEA)
- ◆ Using the Pattern Tools
- ◆ Using and creating Datum Features such as Axis, Planes, and Points
- ◆ Using the Chamfer and Round Tools
- ◆ Using the Revolve and Thicken Tools
- ◆ Using Blend and Rotational Blends
- ◆ Creating Rib Features
- ◆ Using the Style Tool for complex Surface Modelling
- ◆ Creating Swept Blends

- ◆ Creating Variable Section Sweeps

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- ◆ Creating Professional Engineering Drawings
- ◆ Using the Hole Tools
- ◆ Using the Boundary Blend Tool
- ◆ Editing Geometry and Features
- ◆ Toroidal Bends and Spinal Bends
- ◆ Assemblies, including mechanism constraints and working with Servo Motors.
- ◆ Projects and Automotive component designing

