

Courses Details for Pro/Engineer or Creo

This course suits the needs of Mechanical design industry. This will be especially useful for 3D Mechanical product design. The purpose of this course is to enable students to be a topnotch in Mechanical designing. This will bring adequate knowledge to the Mechanical engineers, how to work with Pro/Engineer in the 3D Mechanical Design industry.

Pro/Engineer or Creo

- Introduction [Normal Track - \(2 Months\) or Fast Track - \(1Month\)](#)
- Pro/ENGINEER Concepts
- Using the Pro/ENGINEER interface
- Creating sketcher geometry
- Creating Extrude, Revolve& Ribs
- Selecting & Editing
- Creating datum features
- Utilizing internal sketches & embedded datums
- Creating sweeps & blends
- Creating holes & shells
- Creating rounds, chamfers & drafts
- Variable section sweeps, Helical sweeps & swept blends
- Creating patterns
- Group, copy, mirror tools
- Measuring & inspecting models
- Advanced reference management
- Relations & parameters
- Layers, family tables & UDF
- Assembling with constraints
- Exploding assemblies
- Creating surface features
- Editing surface features in pro/E
- Creating drawing views
- Creating drawing details
- Using advanced assembly constraints
- Creating & using component interfaces & flexible components
- Using assembly features & shrink wrap
- Replacing components in an assembly
- Understanding simplified reps
- Creating cross-section, display styles, & combined views
- Substituting components by rep, envelope, & model
- Creating & using assembly structures & skeletons
- Introduction to sheet metal design

- Primary, secondary & unattached walls
- Unbend, bend back & cuts
- Notches & punches
- Sheet metal forms
- Bending & unbending sheet metal geometry
- Converting solid parts
- Real time rendering
- Project

Weekdays : Monday – Friday (2 hours) or Weekends : Saturday & Sunday (3 hours)

K-1/52, C.R Park, (Near Deshbandhu College, Kalkaji), New Delhi – 110019
Ph : 9971302865, 9911096413, 011-40532192. www.piscesindia.org