

Course content:

TurboCAD - Advanced Mechanical Training

Course Objective:

To maximise the use of Design tools combined with the 2D and 3D capabilities of TurboCAD Pro Plat and to apply these tools to mechanical design drawing.

1. 3D Object Tools
 - a. Cone Tool
 - b. Simple Extrude
 - c. Helix
 - d. Twisted Extrude
 - e. Rail Sweep
 - f. Revolve
 - g. Lofting
 - h. Branched Lofting
 - i. Extrude to Face
 - j. Face to Face Lofting
 - k. Section
 - l. Projection
 - m. Intersection
 - n. Imprint
 - o. Add Holes
 - p. Quick Pull
 - q. Thread
 - r. Array
 - s. On Curve
 - t. On Polyline
 - u. Radial
 - v. Spherical
 - w. Cylindrical

2. Boolean and Facet Tools
 - a. 3D Intersect
 - b. 3D Slice
 - i. Slice by Line (Two Points)
 - ii. Slice by Plane (Three Points)
 - iii. Slice by Workplane
 - iv. Slice by Surface

3. 3D Modify Tools
 - a. Assemble by Three Points
 - b. Assemble by Edge and Point
 - c. Assemble by Facet
 - d. Assemble by Axxis
 - e. Assemble by Tangents
 - f. Graphic on Path
 - g. Bend Sheet
 - h. Bend to Path
 - i. Bend by Sketch
 - j. Gusset
 - k. Flange Sheet
 - l. Unbend Sheet
 - m. Unfold Face
 - n. Tube Bend
 - o. Tube Flange
 - p. Stretch Entity
 - q. Tweak Entity

4. Selection Info Palette
 - a. Part Tree
 - b. Create Editing History
 - c. Edit 3D Solids

5. Workplane Tools
 - a. Plane by Active View
 - b. Workplane by Entity
 - c. Previous Workplane
 - d. Edit Current Workplane
 - e. Workplane by Three Points
 - f. Auto Workplane by Face

6. Drafting Palette
 - a. Views
 - b. Section Views by View Line
 - c. Create Fragmental Views
 - d. Drafting Break
7. Measurement Tools
8. Text Along Curve
9. Note Editing

TurboCAD Training and Support is an accredited IMSI Training facility.

Please note this training course is designed specifically for TurboCAD Platinum users.