

SolidWorks

Duration: 80 hrs

ABOUT PRODUCT • PARAMETRIC CONCEPT • QUILTIES • INTRO OF NAVIGATION • INTERFACE INTRODUCTION • MODULE-

- SKETCHER
- FEATURE MODELING
- SURFACE MODELING
- SHEET METAL DESIGN
- ASSEMBLY
- DRAWING

SKETCHER-

- CREATING DRAW OBJECT AND MODIFICATION
- CHANGE PROPERTY OF FILE
- CONCEPT OF SKETCHING
- CONVERT ENTITIES
- MIRROR ENTITIES
- USING PATTERN
- DEFINE SMART DIMENSION
- MODIFICATION OF OBJECT
- CONCEPT OF GEOMETRICAL AND DIMENSIONAL CONSTRAINT
- PROJECT (LEVEL - 1,2,3)

FEATURE MODELING-

- INTRODUCTION ABOUT DESH BOARD
- EXTRUDE BOSS/BASE
- EXTRUDE CUT
- REVOLVE BOSS/BASE
- REVOLVE CUT
- SWEPT BOSS/BASE
- SWEPT CUT
- LOFTED BOSS/BASE
- LOFTE CUT
- BOUNDARY BOSS/BASE
- BOUNDARY CUT
- HOLE WIZARD
- FILLET/CHAMFER
- SHELL
- DRAFT

- HOLE
- RIB
- INTERSECT
- WRAP
- INDENT
- FLEX
- REFERENCE GEOMETRY
- MIRROR
- CURVE
- PATTERN
- APPLYING MATERIAL
- PROJECT (LEVEL - 4,5,6,7,8)

SHEET METAL MODELING

- BASE FLANGE
- LOFTED BLEND
- EDGE FLANGE
- MITER FLANGE
- HEM
- SKETCH BEND
- JOG
- CROSS BREAK
- CORNER
- EXTRUDED CUT
- SIMPLE HOLE
- VENT
- UNFOLD
- FOLD
- FLATTEN
- RIP
- INSERT BEND
- CONVERT TO SHEETMETAL
- FORMING TOOL
- PROJECT (LEVEL - 13,14,15)

ASSEMBLY

- INTRODUCTION ABOUT TOPDOWN ASSEMBLY DESIGN
- WORK ON BOTTOM DOWN ASSEMBLY DESIGN
- APPLYING MATE
- MANAGE LARGE ASSEMBLY DESIGN
- SMART FASTENERS
- PROJECT (LEVEL - 16,17,18)

DRAWING

- INSERT DRAWING SHEET
- DEFINE MODEL VIEW
- PROJECTED VIEW
- AUXILIARY VIEW
- SECTION VIEW
- DETAIL VIEW
- BROKEN OUT SECTION
- BREAK
- CROP
- EXPLODED DRAWING
- DEFINE TABLE
- DEFINE BILL OF MATERIAL
- DEFINE BALLONS
- PRINT
- EXPORT
- PROJECT (LEVEL - 19,20)