

SYLLABUS OF SOLIDWORKS

Part Modelling

2D

- LINE
- CONSTRUCTION LINE
- CENTRE LINE
- RECTANGLE
- SLOT
- CIRCLE
- ARC
- POLYGON
- SPLINE
- ELLIPSE
- CHAMFER
- FILLET
- TEXT
- POINT
- TRIM
- ENTETIES
- EXTEND ENTETIES
- CONVERT ENTETIES
- OFFSET
- MIRROR
- LINEAR PATTERN
- CIRCULAR PATTERN
- MOVE
- COPY
- SCALE
- STRETCH
- ROTATE
- DISPLAY
- DELETE RELATIONS
- ADD RELATION
- FULLY DEFINE SKETCH

3D

- EXTRUDE
- REVOLVE
- SWEEP
- LOFT
- BOUNDARY
- FILLET
- CHAMFER
- LINEAR PATTERN
- CIRCULAR PATTERN
- MIRROR
- CURVE DRIVEN PATTERN
- SKETCH DRIVEN PATTERN
- TABLE DRIVEN PATTERN
- FILL PATTERN
- RIB
- DRAFT
- SHELL
- WRAP
- DOME
- PLANE
- AXIS
- POINT SPLIT LINE
- PROJECT CURVE
- CURVE THROUGH XYZ POINTS
- CURVE THROUGH REFERENCE POINTS
- HELIX AND SPIRAL

Assembly

- Edit component
- Insert Component
- Mates and types
- Linear component Pattern
- Smart Fasteners
- Move components
- Rotate components
- Show hidden components
- Reference geometry
- Bill of materials

Drawing

- Model View
- Projected view
- Auxiliary view
- Section view
- Removed section
- Detail view
- Relative view
- Break view
- Crop view
- Note
- Note patterns
- Balloon
- Center Mark
- Hatch/fill
- Revision Cloud
- Tables