

SYLLABUS OF SOLIDWORKS

Day 1

LINE
CONSTRUCTION LINE
CENTRE LINE
RECTANGLE
SLOT
CIRCLE
ARC

Day 2

POLYGON
SPLINE
ELLIPSE
CHAMFER
FILLET
TEXT
POINT
TRIM ENTETIES

Day 3

EXTEND ENTETIES
CONVERT ENTETIES
OFFSET
MIRROR
LINEAR PATTERN
CIRCULAR PATTERN

Day 4

MOVE
COPY
SCALE
STRETCH
ROTATE
DISPLAY DELETE RELATIONS

Day 5

ADD RELATION
FULLY DEFINE SKETCH

EXTRUDE
REVOLVE
SWEEP
LOFT
BOUNDARY

Day 6

Practice

Day 7

FILLET
CHAMFER
LINEAR PATTERN
CIRCULAR PATTERN
MIRROR
CURVE DRIVEN PATTERN

Day 8

SKETCH DRIVEN PATTERN
TABLE DRIVEN PATTERN
FILL PATTERN
RIB
DRAFT
SHELL
WRAP DOME

Day 9

PLANE
AXIS
CO ORDINATE SYSTEM
POINT
SPLIT LINE
PROJECT CURVE

Day 10

CURVE THROUGH XYZ POINTS
CURVE THROUGH REFERENCE POINTS
HELIX AND SPIRAL
INSTANT 3D

EXTRUDE
REVOLVE
SWEEP

Day 11

Practice

Day 12

RULED SURFACE
FILLET
DELETE FACE
REPLACE FACE
EXTEND SURFACE
TRIM SURFACE
UNTRIM SURFACE

Day 13

KNIT SURFACE
THICKENED SURFACE
CUT WITH SURFACE
PLANE
AXIS
COORDINATE SYSTEM
POINT
SPLIT LINE

Day 14

PROJECT CURVE
CURVE THROUGH XYZ POINTS
CURVE THROUGH REFERENCE POINTS
HELIX AND SPIRAL
INSTANT 3D

Day 15

BASE FLANGE
CONVERT TO SHEETMETAL
LOFTED BEND
EDGE FLANGE
MILTER FLANGE
HEM
JOG

Day 16

SKETCHED BEND
CROSS BREAK
CORNERS
FORMING TOOL
EXTRUDE CUT
SIMPLE HOLE
UNFOLD
FOLD
FLATTERN

Day 17

3D SKETCH
STRUCTURE MEMBER
TRIM \ EXTEND
EXTRUDED BOSE
END CAP
GUSSET
WELD BEND

Day 18

EXTRUDED CUT
HOLE WISERD
CHAMFER

PLANER SURFACE
OFFSET SURFACE
RULED SURFACE
FILLET SURFACE

Day 19

KNIT SURFACE
SPLIT LINE
DRAFT

MOVE FACE
SCALE
PARTING LINE

Day 20

SHUT OFF SURFACE

PARTING SURFACE
TOOLING SPLIT

HOW TO COLOUR BODY\ FACE
BACKGROUND COLOUR

Day 21

PRACTICE

Day 22

CREATE A REPORT

INSERT COMPONENTS
NEW PART
NEW ASSEMBLY
COPY WITH MATES

Day 23

MATES
MECHANICAL MATES
ADVANCE MATES
MOVE COMPONENTS
ROTATE COMPONENTS
SHOW HIDE COMPONENTS
NEW MOTION STUDY

Day 24

BILL OF MATERIAL
EXPLODE VIEW
EXPLODE LINE SKETCH

ANIMATION
MOTOR

Day 25

STANDARD THREE VIEWS
MODEL VIEWS
PROJECTED VIEW
AUXILIARY VIEW
DETAIL VIEW
SECTION VIEW
ALIGN SECTION VIEW

Day 26

BROKEN OUT SECTION
BREAK
DIMENSIONS

Day 27

EXTRUDE CUT
HOLE WISERD
REVOLVE CUT
SWEEP CUT
LOFT CUT
BOUNDARY CUT

Day 28

LOFT
BOUNDARY
FILLED SURFACE
FREEFORM
PLANER SURFACE
OFFSET SURFACE

DAY 29

PRACTICE

DAY 30

BACKGROUND SETTINGS

FIXTURE

APPLY FORCE OR PRESSURE

MATERIAL

SETTINGS