

SolidWorks	
DAY 01	What is the SolidWorks Software, Design Intent, File References, Opening Files, The SolidWorks User Interface
DAY 02	2D Sketching, Stages in the Process, Saving Files, Sketching, Sketch Entities
DAY 03	Rules That Govern Sketches, Design Intent, Sketch Relations, Dimensions, Extrude, Sketching Guidelines
DAY 04	Practice Day, Doubt clearing session
DAY 05	Basic Modeling, Terminology, Choosing the Best Profile, Choosing the Sketch Plane, Details of the Part
DAY 06	Boss Feature, Sketching on a Planar Face, Cut Feature, Using the Hole Wizard
DAY 07	View Options, Filletting, Detailing Basics
DAY 08	Drawing Views, Center Marks, Dimensioning, Changing Parameters
DAY 09	Practice Day, Doubt clearing session
DAY 10	Case Study: Ratchet, Design Intent, Boss Feature with Draft, Symmetry in the Sketch
DAY 11	Sketching Inside the Model, View Options, Using Model Edges in a Sketch, Creating Trimmed Sketch Geometry, Using Copy and Paste
DAY 12	Practice Day, Doubt clearing session
DAY 13	Why Use Patterns?, Reference Geometry
DAY 14	Linear Pattern, Circular Patterns
DAY 15	Mirror Patterns
DAY 16	Using Pattern Seed Only, Sketch Driven Patterns
DAY 17	Practice Day, Doubt clearing session
DAY 18	Case Study: Handwheel, Design Intent, Revolved Features, Building the Rim
DAY 19	Building the Spoke, Edit Material, Mass Properties

# PIOUS INFOTECH ACADEMY

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DAY 20	File Properties,SolidWorks SimulationXpress,Using SolidWorks SimulationXpress,The SimulationXpress Interface
DAY 21	Practice Day,Doubt clearing session
DAY 22	Analyzing and Adding Draft, Other Options for Draft, Shelling,Ribs
DAY 23	Full Round Fillets
DAY 24	Thin Features
DAY 25	Practice Day,Doubt clearing session
DAY 26	Part Editing
DAY 27	Editing Topics,Sketch Issues, FilletXpert, DraftXpert
DAY 28	Practice Day,Doubt clearing session
DAY 29	Part Editing, Design Changes, Information From a Model
DAY 30	Rebuilding Tools, Sketch Contours, Editing with Instant 3D
DAY 31	Practice Day,Doubt clearing session
DAY 32	Using Configurations,Creating Configurations
DAY 33	Link Values,Equations, Configure Dimension / Feature
DAY 34	Modeling Strategies for Configurations
DAY 35	Editing Parts that Have Configurations,Design Library
DAY 36	Practice Day,Doubt clearing session
DAY 37	More About Making Drawings
DAY 38	Section View, Model Views, Broken View, Detail Views
DAY 39	Drawing Sheets and Sheet Formats
DAY 40	Projected Views, Annotations
DAY 41	Practice Day,Doubt clearing session
DAY 42	Case Study: Universal Joint
DAY 43	Bottom-Up Assembly, Creating a New Assembly,Position of the First Component
DAY 44	FeatureManager Design Tree and Symbols

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DAY 45	Adding Components,Using Part Configurations in Assemblies,Sub-assemblies,Smart Mates
DAY 46	Inserting Sub-assemblies, Pack and Go
DAY 47	Practice Day,Doubt clearing session
DAY 48	Analyzing the Assembly,Checking for Clearances,Changing the Values of Dimensions,Exploded Assemblies
DAY 49	Explode Line Sketch, Bill of Materials, Assembly Drawings
DAY 50	Practice Day,Doubt clearing session