

PIOUS INFOTECH ACADEMY

Master Cam	
DAY 01	Introductions, objectives, methods, Course Syllabus, Mastercam Solids,
DAY 02	Introduction to Mastercam solids, 2D Wireframe & Solid Geometry,
DAY 03	Extruding solids,
DAY 04	Extrude Cut Body solids,
DAY 05	Radius solid edges, Fillets, Shading solids.
DAY 06	Practice Day,Doubt clearing session
DAY 07	Revolving solids, Modify Solids, 2D Wireframe & Solid geometry using Revolve (Create Body),
DAY 08	Extrude (Add Boss),
DAY 09	Revolve (Cut Body),
DAY 10	Cutting and trimming extrusions,
DAY 11	Hidden lines and radial display curves.
DAY 12	Practice Day,Doubt clearing session
DAY 13	2D Wireframe & Solid Geometry using Extrude (Create Body), Sweep (Cut Body),
DAY 14	Extrude (Add Boss), Modify a face draft angle,
DAY 15	Chamfer Edges, Fillet Edges,
DAY 16	Shell Solid, Editing, Reordering.
DAY 17	Modifying curve geometry, Regenerating solids.
DAY 18	Practice Day,Doubt clearing session
DAY 19	Designing a Connecting Rod.
DAY 20	Splitting the draft angle,
DAY 21	combine operations,

PIOUS INFOTECH ACADEMY

DAY 22	Chamfering,
DAY 23	Analyzing solid properties.
DAY 24	Practice Day,Doubt clearing session
DAY 25	Designing a Forging Die. Multiple solids, creating primitives,
DAY 26	revolving volumes, scaling a solid body.
DAY 27	Practice Day,Doubt clearing session
DAY 28	2D Wireframe & Solid Geometry using Create Solid from Surfaces & Thicken,
DAY 29	Create a Sphere & a Cylinder using Primitives, Boolean Remove & Add, Fillet Face and Edges,
DAY 30	Solid Drawing Layout in Multiple Views.
DAY 31	Practice Day,Doubt clearing session
DAY 32	2D Wireframe, Surface and Solid Geometry Using Create Solid from Surfaces & Find Features.
DAY 33	Practice Day,Doubt clearing session
DAY 34	Designing an Injection Mold for a Camera.
DAY 35	Importing Parasolid files, Error conditions, translucent shading,
DAY 36	Creating and renaming operations.
DAY 37	Practice Day,Doubt clearing session
DAY 38	3D Wireframe & Solid Geometry using Extrude,
DAY 39	Revolve,
DAY 40	Fillet and Loft Commands.
DAY 41	Practice Day,Doubt clearing session
DAY 42	Continue 3D Wireframe & Solid Geometry,
DAY 43	Creating and thickening sheet solids,
DAY 44	Non-associative disjoint bodies,
DAY 45	Review for the Final Exam.

PIOUS INFOTECH