

SOLIDWOKS Full CSWP Course



Titles	Details	Duration
SolidWorks Essential Training		30 Hour
SolidWorks Basic Modeling	Divided into two sections (3D-Modeling and Assembly)	
3D-Modeling	<p>2D-Sketches:</p> <p>Simple orders (Line – circle – Rectangle – Straight Slot, etc...).</p> <p>Advanced Order (Trim entities – Convert entities – Pattern, etc...).</p> <p>Sketched on Faces.</p> <p>Smart Dimensions, Relations.</p> <p>3D-Features:</p> <p>Extruded Boss/Base and Extruded Cut Boss/Base.</p> <p>Revolved Boss/Base and Extruded Cut Boss/Base.</p> <p>Swept Boss/Base and Extruded Cut Boss/Base.</p> <p>Lofted Boss/Base and Extruded Cut Boss/Base.</p> <p>Hole Wizard – Thread – Advanced Hole.</p> <p>Modification on 3D-Features:</p> <p>3D Fillet and 3D Chamfer.</p> <p>3D Patterns.</p> <p>Rib – Draft – Mirror – shell – etc...</p> <p>References Geometry and Curves.</p>	
Assembly	<p>Insert parts Ways.</p> <p>Standard Mates (Coincident – Parallel, etc...).</p> <p>Advanced Mates (Width – Path Mate, etc...).</p> <p>Mechanical Mates (Gears – Cam, etc...).</p> <p>Toolbox</p> <p>Smart Fasteners</p> <p>Collusion Detections – Interferences Detections.</p> <p>Sensors – Assign Materials – Mass Properties.</p> <p>Rigid and flexible Assembly.</p> <p>Explode View</p>	
Advanced Modeling	<p>Using Global Variables.</p> <p>Configurations and Design Tables.</p> <p>Assembly and Features Errors.</p>	

Titles	Details	Duration
	Drawing Tools	
Drawing Sheet Setting	Standard Sizes – Scale - Create Templates.	
View Layout	Basic View Creation	
	Section Views	
	Auxiliary Views	
	Alternate Position Views	
	Break View	
	Broken-out Section	
	Crop view	
Annotation	Smart Dimensions	
	Importing Model Items	
	Create notes	
	Balloons	
	Symbols	
	Hole Callout	
	Center Mark	
	Centerlines	
	Create Tables (General - BOM – Holes).	
Drawing View Details	Linked notes	
	Drawing View Properties.	
	Show and Hide Components.	
	View Focus when creating 2D geometry.	