

SOLIDWOKS Advanced Modeling Course

Titles	Details	Duration
	Sheet Metal Modeling	10 Hour
Sheet Metal Creation	<ul style="list-style-type: none"> Base Flange/Tab Gauge Tables Convert 3D Model to Sheet Metal. Lofted Bend Linear Edge Flange Curved Edge Flange Miter Flange Cross Break Jog Sketched Bend Unfold and Fold Vent Rip Flatten 	
Sheet Metal Drawing	Create sheet Metal Drawing Sheet.	
	Weldments	10 Hour
Weldment Creation	<ul style="list-style-type: none"> 3D-Sketching Create Weldment Structure Profiles Structural Members Types Corner Treatment Rotating Members Position Locate Profile Dealing with Groups End Caps Gussets Trim/Extend Members Cut List Folder Management Activating Weldment Mode. Weld Bead 	
Weldment Drawing	Cut List creation in the Weldment Drawing.	

Titles	Details	Duration
	Surfaces – Modeling	10 Hour
Surface Sketching	Create Spline	
	Project Curves on face	
	Project Curves on sketch	
	Intersection Curves	
Creation Tools	(Extruded – Revolved – Swept – Lofted) Surface	
	Boundary Surface	
	Filled Surface	
	Planer Surface	
	Offset Surface	
	Ruled surface	
	Freeform	
Modification Tools	Extend Surface	
	Trim Surface	
	Un-Trim Surface	
	Fillet	
	Knit surfaces	
	Thicken	
Surface with Solids	Cut with Surface	
	Thicken Cut	
	Up to Surface	
	Fixes Surface Problems	