



SWOOD CAM

PREREQUISITES	LENGTH	DESCRIPTION
<ul style="list-style-type: none"> SOLIDWORKS Essentials (SWOOD CAM is a SolidWorks add-in and works in conjunction with the core SolidWorks toolset) 	2 Days	<ul style="list-style-type: none"> The course enables students to learn the SWOOD CAM interface and best practices. More specifically, users will learn to create machine tools and aggregates, program machinable features both automatically and interactively, and learn 4th and 5th axis programming. In addition, training items include toolpath simulation, post processing, generating shop reports and SWOOD CAM Nesting capabilities (additional module).
GETTING STARTED <ul style="list-style-type: none"> Integration Inside SolidWorks Introduction to SWOODData Overview of SWOOD CAM User Interface Creation of Tool Libraries, Tools and Aggregates 		4 AXIS MACHINING <ul style="list-style-type: none"> Origin Positioning Creation of Inclined Planes Tool Diving Directions 4 Axis Toolpaths
2.5 AXIS MACHINING <ul style="list-style-type: none"> Create New Milling Program Types of 2.5 Axis Operations Automatic Recognition of Machining Features Interactive Recognition of Machining Features Saving Machining Strategies Simulation and Post Processing of Machining Programs 		5 AXIS MACHINING <ul style="list-style-type: none"> Origin Positioning 3D Roughing and Finishing using B Axis Coordinates Additional 5 Axis Toolpaths
3 AXIS MACHINING <ul style="list-style-type: none"> Knit Surface Creation/Selection Creation of 3D Roughing and Finishing Toolpaths 		NESTING MODULE <ul style="list-style-type: none"> Overview of Nesting Interface Board Library Configuration Nesting Parameters/Configuring Parameters Generating Report for Shop Floor
REPORTING <ul style="list-style-type: none"> Generating Program Reports for Shop Floor 		TIPS AND TRICKS <ul style="list-style-type: none"> Troubleshooting Creating a SWOODRx for Support Requests

