



SOLIDWORKS ELECTRICAL: ADVANCED

PREREQUISITES	LENGTH	DESCRIPTION
<ul style="list-style-type: none"> ■ Basic knowledge of SOLIDWORKS and Electrical Schematic. Experience with the Windows Operating System. 	<p>2 Days</p>	<ul style="list-style-type: none"> ■ The goal of this course is to teach you more advanced topics not covered in the standard SOLIDWORKS Electrical training courses, specifically: harness in SOLIDWORKS Electrical schematic and 3D, symbol creation methods, schematic GA layouts and optimized wiring, wires and equipotentials, and much more.
<p>▶ LINE DIAGRAM HARNESSES</p>		
<ul style="list-style-type: none"> ■ Creating a Harness ■ Project Harnesses ■ Detailed Cabling ■ Routing Parameters ■ Routing Algorithms ■ Exercise 1: Harness 		
<p>▶ MULTI LEVEL TERMINALS & BLACK BOXES</p>		
<ul style="list-style-type: none"> ■ Multi Level Terminal ■ Terminal Numbering ■ Black Box Circuits ■ Exercise 2 Multi Deck Terminal/ Black Box 		
<p>▶ LIBRARY, CLASSIFICATION MANAGEMENT</p>		
<ul style="list-style-type: none"> ■ Creating a Library ■ Library Filters ■ Component Classifications ■ Circuit Symbols ■ Exercise 3 Library, Classification Management 		
<p>▶ IMPORT DXF DWG FILES</p>		
<ul style="list-style-type: none"> ■ Import DXF DWG Files ■ File Definition ■ Symbol and Title Block Mapping ■ Convert Attributes ■ Configuration Files ■ Exercise 4: Import DXF DWG Files 		
		<p>▶ IMPORT MANUFACTURERS PARTS</p>
		<ul style="list-style-type: none"> ■ Import Parts ■ Data Comparison ■ Data Manager ■ Exercise 5 Import Manufacturer Parts
		<p>▶ ERP DATABASE CONNECTION</p>
		<ul style="list-style-type: none"> ■ ERP Database Connection ■ ERP Connection ■ Customize User Data ■ ERP Data Flow ■ Update Data ■ Exercise 6: ERP Database Connection
		<p>▶ EXPORT/ IMPORT FROM EXCEL</p>
		<ul style="list-style-type: none"> ■ Import/ Export To Excel ■ Excel Export/Import Configuration ■ Export To Excel ■ XLS Snapshot ■ Import From Excel ■ Replace Data ■ Exercise 7: Export To, Import From Excel



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EXCEL AUTOMATION

- Auto Generate Drawings From Excel
- Excel Macros and Variables
- Linking SQL Tables to Excel
- Inserting Drawings and Types
- Exercise 8: Excel Automation
- Macros Variables

REPORT CREATION

- Reports
- Lesson Structure
- Warning
- Basic Query
- Adding Fields
- Writing a Complex Query
- Part Descriptions
- Location Parts
- Exercise 9: Report Creation
- Report Query