



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. 	2 Days	<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 HARNESES</p> <ul style="list-style-type: none"> Creating a Harness Project Harnesses Detailed Cabling Routing Parameters Routing Algorithms Exercise 1: Harness 		<p>► IMPORT MANUFACTURERS PARTS</p> <ul style="list-style-type: none"> Import Parts Data Comparison Data Manager Exercise 5: Import Manufacturer Parts
<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>► 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>► 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>► 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
<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 		



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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