

## SOLIDWORKS Electrical: Advanced – 2 days

Description	The goal of this course is to teach you more advanced topics not covered in the standard training course, and those features that require both Schematics and 3D features.
Prerequisites	SolidWorks Essentials – SolidWorks Schematics & 3D – Electrical Design

<p><b>Introduction</b>                  Course outline                  Prerequisites                  Conventions used in the book                  Use of Colours                  Graphics and Graphic card requirements</p> <p><b>Lesson 1: Line Diagram Harnesses</b>                  Creating Harnesses                  Project Harness                  Harness Data                  Detailed Cabling                  Opening a SOLIDWORKS File from the browser                  Route Selected Harness                  Routing Parameters                  Routing Algorithms                  Harness Routes</p> <p><b>Lesson 2: Multi Level Terminals and Black Box</b>                  Multi-Level Terminal                  Terminal Numbering                  Black Boxes                  Black Circuits</p> <p><b>Lesson 3: Library, Classification Management</b>                  Creating a Library                  Library Filters                  Component Classifications                  New Classes                  Circuit Symbols</p>	<p><b>Lesson 4: Import DXF DWG Files</b>                  Import DXF DWG Files                  File Definition                  Symbol and Title Block Mapping                  Convert Attributes                  Configuration Files                  Review Results</p> <p><b>Lesson 5: Import Manufacturers Parts</b>                  Import Parts                  Title Rows                  Data Comparison                  Data Manager</p> <p><b>Lesson 6: ERP Database Connection</b>                  ERP Database Connection                  ERP Connection                  Connection to the Database                  Main Data                  User Data                  Customize User Data                  ERP Data Flow                  Update Data</p> <p><b>Lesson 8: Export to / Import from Excel</b>                  Import / Export to Excel                  Excel Export / Import Configuration                  Export to Excel                  XLSSnapshot                  Import from Excel                  Replace Data</p>	<p><b>Lesson 8: Excel Automation</b>                  Auto generate Drawings from Excel                  Excel Macros and Variables                  Linking SQL Tables to Excel                  Inserting Drawings and Types                  Macros Variables</p> <p><b>Lesson 9: Report Creation</b>                  Reports                  Reports Structure                  Reports Locations                  Basic Query                  Adding Fields                  Filtering Fields                  Wrting Complex Query                  Table Aliases                  User Data                  Counter                  Part Descriptions                  Can Sum                  Location Parts                  Report Query</p>
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To Book call: 1300 SWX CAD (1300 799 223)

